

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	(+/-)(R*,R*)6-Fluoro-3,4-dihydro-2-oxiran-2H-1-benzopyran [6-Fluoro-2-(2-oxiran-2-yl)chromane]	R43 N; R51-53	Xi; N R: 43-51/53 S: (2-38/37-61)	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	(4,4'-(3-Chlorophenyl)-6-[(4-chlorophenyl)hydroxy(1-methyl-1H-imidazol-5-yl)methyl]-1-methyl-2(1H)-quinolin	Xi; R41 N; R50-53	Xi; N R: 41-50/53 S: (2-22-26-39-60-61)	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	(1alpha6alpha6alpha)-6-Nitro-3-benzyl-3-azabicyclo[3.1.0]hexane methanesulfonate salt	Xi; R22 Xi; R41 N; R51-53	Xi; N R: 22-41-51/53 S: (2-22-26-39-61)	Conc>=25%; Xi; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	(1R,3S,7R,8R,10R,13R)-5,7,9,13-Hexamethyl-4,6-dioxatetracyclo[6.5.1.0(1,10).0(3,7)]tetradecane	Xi; R38	R: 38 S: (2-37)	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	(1R,4R)-4-Methoxy-2,2,7,7-tetramethyltricyclo[6.2.1.0(1,6)]undec-5-ene	Xi; R38 N; R51-53	R: 38-51/53 S: (2-37-61)	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	(1S,1'R)-1-(3'-Dimethyl-1'-cyclohexyl)ethoxycarbonylmethyl propanoate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	(2-Hydroxy-3-(3,4-dimethyl-9-oxo-10-thiaanthracen-2-yloxy)propyl)trimethylammonium chloride	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	(2R*,3S*)-2-(2-(4-Difluorophenyl)-3-(5-fluoro-4-pyrimidinyl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol (1R)-10 R43	Xi; R22 Xi; R41 R43	Xi R: 22-41-43-52/53 S: (2-22-24-26-37/39-61)	Conc>=25%; Xi; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	(3S--trans)-Phenyl-3-([1,3-benzodioxol-5-yoxy)methyl]-4-(4-fluorophenyl)-1-piperidinecarboxylate	Xi; R48/22 Xi; R41 R43	Xi; N R: 41-43-48/22-51/53 S: (2-22-26-36/37/39-61)	Conc>=10%; Xi; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	(4-(6-Diethylamino-2-methylpyridin-3-yl)imino-4,5-dihydro-3-methyl-1-(4-methylphenyl)-1H-pyrazol-5-one	R53	R: 53 S: 22-61		Eu	-	-	-	-	-	-	-	-
	(C16 or C18-N-Alkyl)(C16 or C18-N-alkyl)ammonium-2-(C16 or C18-N-alkyl)(C16 or C18-N-alkyl)carbamoyl/benzenesulfonate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	(Chlorophenyl)(chlorotolyl)methane, mixed isomers	N; R50-53	N; R: 50/53 , S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	(E)-(7R,11R)-3,7,11,15-Tetramethylhexadec-2-ene-1-ol	Xi; R38 R53	Xi R: 38-53 S: (2-37-61)	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	(E)-3-Methyl-5-cyclopentadecen-1-one	R43 N; R50-53	Xi; N R: 43-50/53 S: (2-24-37-60-61)	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	(Ethyl-1,2-ethanediyli)-2-[[[(2-hydroxyethyl)(methylamino)acetyl]-propyl]omega-(nonylphenoxy)polyoxy-(methyl-1,2-ethanediyli)]	C; R34 R43 N; R51-53	C; N R: 34-43-51/53 S: (1/2-26-28-36/37/39-45-61)	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	(Methylenedis(4,1-phenyleneazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diyli))-1,1'-dipyridinium dichloride dihydrochloride	Carc.Cat.2; R45 N; R51-53	T; N R: 45-51/53 S: 53-45-61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
	(N-Benzyl-N,N-tributyl)ammonium 4-dodecylbenzenesulfonate	C; R34 Xi; R22 N; R51-53	C; N R: 22-34-51/53 S: (1/2-26-36/37/39-45-61)	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	(R)-1-Cyclohexa-1,4-dienyl-1-methoxycarbonylmethylammoniumchloride	Xi; R22	Xi R: 22 S: (2-)	Conc>=25%; Xi; R22	Eu	-	-	-	-	-	-	-	-

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	(R,S)-1-[2-Amino-1-(4-methoxyphenyl)ethyl]cyclohexanol acetate	Xn: R22 Xi: R41 R43 R52-53	Xn R: 22-41-43-52/53 S: (2)-22-24-26-37/39-61	Conc>=25%; Xn: R22; R41; R43 >=10%Conc<25%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		Xn: R22 Xi: R41 R43 N: R51-53	Xn: N R: 22-41-43-51/53 S: (2)-22-26-36/37/39-61	Conc>=25%; Xn: R22; R41; R43 >=10%Conc<25%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		R52-53	R: 52/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
	(S)-Azetidine-2-carboxylic acid 4-cyanobenzylamide hydrochloride	Xn: R22 R43 R52-53	Xn R: 22-43-52/53 S: (2)-22-36/37-61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		Xn: R22-48/22 Xi: R41 R43 N: R51-53	Xn: N R: 22-41-43-48/22-51/53 S: (2)-22-26-36/37/39-61	Conc>=25%; Xn: R22; R48/22; R41; R43 >=10%Conc<25%; Xn: R48/22; R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		R43 R53	R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	± -alpha-[(2-Acetyl-5-methylphenyl)-amino]-2,6-dichlorobenzene-aceto-nitrile	R43 R53	R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		N: R51-53	N R: 51/53 S: 24-61		Eu	-	-	-	-	-	-	-	-
		R43 N: R51-53	Xi: N R: 43-51/53 S: (2)-24-28-36/37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	1-(4-(trans-4-Ethylcyclohexyl)phenyl)ethanone	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		N: R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
		R43 N: R50-53	Xi; N; R: 43-50/53, S: (2)-24-37-60-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	1,3-Bis(4-benzoyl-3-hydroxyphenoxy)prop-2-yl acetate	N: R51-53	N: R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
		R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
			1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, alpha-hydro-omega-hydroxypoly(oxy-1,4-butanediol, dodecanedioic acid, 1,6-hexanediol and 1,1'-methylenebis[4-isocyanatobenzene]										
	1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol, hexanedioic acid, 1,3-isobenzofuranone, 1,3-benzenedicarboxylic acid, dimethyl 1,4-benzenedicarboxylate, 2,2-dimethyl-1,3-propanediol, 3-hydroxy-2,2-dimethylpropyl 3-hydroxy-2,2-dimethylpropanoate, 1,6-hexanediol and 1,1'-methylenebis[4-isocyanatobenzene]	Xn: R42	Xn R: 42	Conc>=1%; Xn: R42	N: A	Isocyanates, all (as-NCO)	-	0.02	-	0.07	-	Sen	-
	1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol, hexanedioic acid, 1,3-isobenzofuranone, 1,3-benzenedicarboxylic acid, dimethyl 1,4-benzenedicarboxylate, 2,2-dimethyl-1,3-propanediol, 3-hydroxy-2,2-dimethylpropyl 3-hydroxy-2,2-dimethylpropanoate, 1,6-hexanediol and 1,1'-methylenebis[isocyanatobenzene]	Xn: R42	Xn R: 42 S: 23-28-36/37-38-45	Conc>=1%; Xn: R42	N	-	-	-	-	-	-	-	-

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1,6-Bis(3,3-bis((1-methylpentylidenimino)propyl)ureido)hexane	Xn: R21/22-48/21 C; R34 R43 N; R50-53		C; N R: 21/22-34-43-48/21-50/53 S: (1/2-17-26-36/37/39-45-60-61	Conc>=25%; C; R34; R21/22; R48/21; R43 >=10% Conc<25%; C; R34; R48/21; R43 >=5% Conc<10%; Xi; R36/38; R43 >=1% Conc<5%; Xi; R43	Eu								
1-Ethyl-5,6,7,8-tetrahydroquinolinium tosylate	Xn: R22 R52-53		R: 22-52/53 S: (2-161	Conc>=25%; Xn; R22	Eu								
1-Imidazol-1-yl-octadecan-2-ol	R43 R53		R: 43-53 S: (2-124-37-61	Conc>=1%; Xi; R43	Eu								
2-(4-(5,6(or 6,7)-Dichloro-1,3-benzothiazol-2-ylazo)-N-methyl-m-toluidino)ethyl acetate	Xi; R43		Xi; R: 43; S: (2-122 - 24 - 37	Conc>=1%; Xi; R43	Eu								
2-(4,4-Dimethyl-2,5-dioxoxazolidin-1-yl)-2-chloro-5-(2-(2,4-di-tert-pentyloxy)butylamido)-4,4-dimethyl-3-oxovaleraniide	R53		R: 53 S: 61		Eu								
2-(4-Methyl-2-phenyl-1-piperazinyl)benzenemethanol monohydrochloride	R43 R52-53		Xn R: 22-41-43-52/53 S: (2-122-26-36/37/39-61	Conc>=25%; Xn; R22; R41; R43 >=10% Conc<25%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu								
2-(Trimethylammonium)ethoxycarboxybenzene-4-sulfonate	Xi; R43		Xi; R: 43; S: (2-122 - 36/ 37	Conc>=1%; Xi; R43	Eu								
2,2'-(3,3'-(Piperazine-1,4-diyl)diropyl)bis(1H-benzimidazo[2,1-b]benzo[1,1-m,n][3,8]phenanthroline-1,3,6-trione	R53		R: 53 S: 61		Eu								
2,2-Dialkyl-4-hydroxymethyl-1,3-dioxolane; reaction products with ethylene oxide (alkyl is C1-12 and the sum to C13, average degree of ethoxylation is 3.5)	R19 Xi; R38 N; R51-53		Xi; N R: 19-38-51/53 S: (2-137-61	Conc>=20%; Xi; R38	Eu								
2,2'-Dichloro-4,4-methylenedianiline, salts of [4,4'-Methylenebis(2-chloroaniline), salts of]	Carc. Cat. 2; R45 Xn: R22 N; R50-53		T ; N ; R: 45 - 22 - 50/53, S: 53 - 45 - 60 - 61 ; Notes: A ; E	Conc>=25%; T; R45; R22 >=0,1% Conc<25%; T; R45	Eu								
2,2'-Dithio di(ethylammonium)-bis(dibenzylidithiocarbamate)	Xn: R22 R43 N; R50-53		Xn; N R: 22-43-50/53 S: (2-115-22-29-36/37-60-61	Conc>=25%; Xn; R22; R43 >=1% Conc<25%; Xi; R43	Eu								
2,4,5-T, salts and esters of [2,4,5-Trichlorophenoxyacetic acid, salts and esters of]	Xn: R22 Xi; R36/37/38 N; R50-53		Xn; N ; R: 22 - 36/37/38 - 50/53, S: (2-124 - 60 - 61	Conc>=25%; Xn; R22; R36/37/38 >=20% Conc<25%; Xi; R36/37/38	Eu								
2,4-Bis(((2-(dimethylammonio)ethyl)oxy)carbonyl)phenyl 2-ylazo)benzene-1,3-diyl sulfate	Xn: R22 N; R51-53		Xn; N R: 22-41-51/53 S: (2-122-26-39-61	Conc>=25%; Xn; R22; R41 >=10% Conc<25%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu								
2,4-Bis(((2-(dimethylammonio)ethyl)oxy)carbonyl)phenyl 2-ylazo)benzene-1,3-diylbis(methanesulfonate)	Xn: R22 Xi; R41 N; R51-53		Xn; N R: 22-41-51/53 S: (2-122-26-39-61	Conc>=25%; Xn; R22; R41 >=10% Conc<25%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu								
2,4-Bis[N'-(4-methylphenyl)ureido]toluene	N; R50-53		N ; R: 50/53 S: 60 - 61		Eu								
2,4-D, salts of	Xn: R22 Xi; R41 R43 N; R51-53		R: 22 - 41 - 51/53 S: (2-124/25 - 26 - 36/37/39 - 46 - 61 ; Note: A	Conc>=25%; Xn; R22; R41; R43 >=10% Conc<25%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu								
2,4-Dimethyl-6-(1-methyl-pentadecyl)phenol	Xn: R22 Xi; R41 N; R51-53		Xn; N R: 22 - 41 - 51/53 S: (2-126 - 29 - 39 - 46 - 61 ; Note: A	Conc>=25%; Xn; R22; R41 >=10% Conc<25%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu								
2,4-Dimethyl-6-(1-methyl-pentadecyl)phenol	Xi; R38 R43 N; R50-53		Xi; N ; R: 38 - 43 - 50/53 S: (2-124 - 37 - 60 - 61	Conc>=20%; Xi; R38; R43 >=1% Conc<20%; Xi; R43	Eu								
2,5-Dioxopyrrolidin-1-yl N-[(methyl)[2-(1-methyl)ethyl]-4-thiazolyl[methylamino]carbonyl]-L-valinate	Xn: R48/22 Xi; R41 R43		Xn R: 41-43-48/22 S: (2-122-26-36/37/39	Conc>=10%; Xn; R41; R48/22; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu								

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	2,6,6,7,8,8-Hexamethyldecahydro-2H-indeno[4,5-b]furan	Xi; R38-41 R53	Xi R: 38-41-53 S: (2)-26-37/39-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			E; R2 R: 2-11,51/53 S: (2)-22-61										
	2,6-Bis(2,3,4-trihydroxybenzyl)-p-cresol ester with 6-F; R11 diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonate	Xi; R41 N; R51-53	R: 2-11,51/53 S: (2)-22-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	2:1 Mixture of tris(3,5,5-trimethylhexylammonium) 4-amino-3-(4-(4-(2-amino-4-hydroxyphenylazo)anilino)-3-sulfonatophenylazo)-5,6-dihydro-5-oxo-6-phenylhydrazononaphthalene-2,7-disulfonate and tris(3,5,5-trimethylhexylammonium) 4-amino-3-(4-(4-amino-2-hydroxyphenylazo)anilino)-3-sulfonatophenylazo)-5,6-dihydro-5-oxo-6-phenylhydrazononaphthalene-2,7-disulfonate	Xi; R41 N; R51-53	Xi; N; R: 41 - 51/53 S: (2)-26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	2:1:1 Mixture of: trisodium N(1')-N(2);N(1'')-N(2'')-n6-[2-amino-4-(or 6)-hydroxy-(or 4-amino-2-hydroxy)phenylazo]-6''-(1-carbaniloyl-2-hydroxyprop-1-enylazo)-5',5''-disulfamoyl-3,3''-disulfonatobis(naphthalene-2,1'-azobenzene-1,2'-diolato-O(1),O(2'))-chromate, with trisodium N(1')-N(2);N(1'')-N(2'')-n-6,6''-bis(1-carbaniloyl-2-hydroxyprop-1-enyl-azo)-5',5''-disulfamoyl-3,3''-disulfonato-bis(naphthalene-2,1'-azobenzene-1,2'-diolato-O(1),O(2'))-chromate, with trisodium N(1')-N(2);N(1'')-N(2'')-n-6,6''-bis(2-amino-4-(or 6)-hydroxy-(or 4-amino-2-hydroxy)phenylazo)5,5''-disulfamoyl-3,3''-disulfonatobis(naphthalene-2,1'-asobenzene-1,2'-diolato-O(1),O(2'))-chromate	Xi; R41 52-53	Xi R: 41 - 52/53 S(2)-26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	2-[2-Hydroxy-3-(2-chlorophenyl)carbamoyl-1-naphthylazo]-7-[2-hydroxy-3-(3-methylphenyl)carbamoyl-1-naphthylazo]fluoren-9-one	Repr. Cat. 2; R61 R 53	T R: 61-53 S: 53-45-61	Conc>=0.5%; T; R61	Eu	-	-	-	-	-	-	-	-
			R: 53 S: 61										
	2-[4-[n-(4-Acetoxybutyl)-N-ethyl]amino-2-methylphenylazo]-3-acetyl-5-nitrothiophene	R53			Eu	-	-	-	-	-	-	-	-
			Xn; N R: 41-62-51/53 S: (2)-22-26-36/37/39-61	Conc>=10%; Xn; R62; R41 >=5%Conc<10%; Xn; R62; R36									
	2-(4-(2-Ammionopropylamino)-6-[4-hydroxy-3-(5-methyl-2-methoxy-4-sulfamoylphenylazo)-2-sulfonatophenyl]-7-ylamino]-1,3,5-triazin-2-ylamino)-2-aminopropyl formate	Repr. Cat. 3; R62 Xi; R41 N; R51-53	Xn; N R: 41-62-51/53 S: (2)-22-26-36/37/39-61	Conc>=10%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	2-Alkoxyethylethyl hydrogen maleate, where alkyl represents (by weight) 70 to 85% unsaturated octadecoyl, 0.5 to 10% saturated octadecoyl, and 2 to 18% saturated hexadecoyl	Xi; R38-41 R43 N; R50-53	Xi; N R: 38-41-43-50/53 S: (2)-24-26-37/39-60-61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			Xi R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36									
	2'-Anilino-3'-methyl-6'-dipentylaminospiro(isobenzofuran-1(1H),9'-xanthen)-3-one	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
			Xi R: 36/38-43-52/53 S: (2)-24-26-37-61	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43									
	2-Chloro-5-sec-hexadecylhydroquinone	Xi; R36/38 R43 R52-53	Xi R: 36/38-43-52/53 S: (2)-24-26-37-61	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			N R: 51/53 S: 61										
	2-Dodec-1-enylbutanedioic acid, 4-methyl ester zinc salt	N; R51-53 Xi; R43 R53	Xi R: 43 - 53, S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			R: 52/53 S: 61										
	2-Ethyl-1-(2-(1,3-dioxanyl)ethyl)-pyridinium bromide	R52-53			Eu	-	-	-	-	-	-	-	-

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	4-(5-[1-(4-Carboxyphenyl)hexahydro-2,4,6-tioxypyrimidin-5-ylidene]penta-1,3-dienyl)-1,2,3,4-tetrahydro-6-hydroxy-2,4-dioxypyrimidin-1-yl)benzoic acid-triethylamine salt	Xi; R37 R52-53	Xi R: 37-52/53 S: (2-)61	Conc>=20%; Xi; R37	Eu	-	-	-	-	-	-	-
			Carc. Cat. 3; R40 Xn; R22 Xi; R36 N; R51-53	Xn; N; R: 22 - 36 - 40 - 51/53; S: (2-) - 36/37 - 61; Note: A								
				Conc>=25%; Xn; R40; R22; R36 >=20%Conc<25%; Xn; R40; R36 >=1%Conc<20%; Xn; R40								
	4,4'-Carbonimidoylbis [N,N-dimethylaniline], salt of	R42/43 R53	Xn S: (2-)23-24-37-45-61	Conc>=1%; Xn; R42/43	Eu/A	isocyanates, all (as-NCO)	-	0.02	-	-	Sen	-
			R: 53 S: 61		Eu	-	-	-	-	-	-	-
			R: 53 S: 61		Eu	-	-	-	-	-	-	-
	4-Benzoyloxy-4'-(2,3-epoxy-2-methylprop-1-yloxy)diphenylsulfone	R53	Xi R: 43-53 S: (2-)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
			Xi; R: 43 - 53, S: (2-) - 24 - 37 - 61		Eu	-	-	-	-	-	-	-
				Conc>=1%; Xi; R43								
	5-(2-Amino-5-cyano-6-[2-(2-hydroxyethoxy)ethylamino]4-methylpyridin-3-ylazo)-3-methyl-2,4-dicarbonitrilethiophene	R43	Xi R: 43 S: (2-)24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
			Xn; N Xn; R22 R: 10-22-51/53 S: (2-)16-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
				Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43								
	6,6'-Bis(diazo-5,6,6'-tetrahydro-5,5'-dioxo)[methylene-bis(5-(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulphonyloxy)-6-methyl-2-phenylene]di(naphthalene-1-sulfonate)	Xi; R41 R43	Xi R: 41-43 S: (2-)22-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
			E; Xn R: 2-11-40 S: (2-)7-22-36/37	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-
				Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43								
	6-Fluoro-2-methyl-3-(4-methylthiobenzyl)indene	Xi; R38-41 R43 N; R51-53	Xi; N; R: 38 - 41 - 43 - 51/53 S: (2)26 - 36/37/39 - 61		Eu	-	-	-	-	-	-	-
			N									
			R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-
	7-Amino-4-hydroxy-2-naphthalenesulfonic acid, coupled with 5 (or 6) -amino-8 (or 5)-[4-[4-[4-amino-6(or 7)-sulfo-1-naphthyl]azophenyl]amino]-3-sulphophenyl]azo]-2-naphthalenesulfonic acid and 4-hydroxy-7-(phenylamino)-2-naphthalenesulfonic acid, sodium salt	Xi; R41	Xi R: 41 S: (2-)26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
			T+; R: 26/28 , S: (1/2) - 24 - 45 ; Note: A	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-
	Aconitine, salts of	T+; R26/28			Eu	-	-	-	-	-	-	-
			Xi; N R: 36/37/38-51/53 S: (2-)26-28-61; Note: A	Conc>=10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-
				Conc>=25%; C; R35; R22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38								
	Alkyl(rapeseed oil), bis(2-hydroxyethyl)ammonium fluoride	Xn; R22 C; R35 N; R50-53	R: 22-35-50/53 S: (1/2)-26-36/37/39-45-60-61		Eu	-	-	-	-	-	-	-
	alpha-[3-(1-Oxoprop-2-enyl)-1-oxypropyl]dimethoxysilyloxy-omega-[3(1-oxoprop-2-enyl)-1-oxypropyl]dimethoxysilyl poly(dimethylsiloxane)	R43	Xi 43)24-37	R: S: (2-	Eu	-	-	-	-	-	-	-
				Conc>=1%; Xi; R43								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	alpha-Hydroxypoly(methyl-(3-(2,2,6,6-tetramethylpiperidin-4-yloxy)propyl)sioxane)	Xn: R21/22	C ; N ; R: 21/22 - 34 - 51/53	Conc>=25%: C; R34; R21/22	Eu								
		C: R34	S: (1/2) - 26 - 36/37/39 - 45 - 61	>=10%Conc<25%: C; R34									
		N: R51-53		>=5%Conc<10%: Xi; R36/38									
		R14	F ; C ; R: 14 - 17 - 34	Conc>=20%: Xi; R38; R41									
	Aluminium alkyls	F: R17 C: R34	S: (1/2) - 16- 43 - 45; Note: A	Conc>=10%: C; R34 >=5%Conc<10%: Xi; R36/38	Eu; A	Aluminium, alkyls (NOC) (as Al)	2						
	Aluminium salts (soluble)				A	Aluminium, soluble salts (as Al)	2						
	Aluminium-magnesium-carbonate-hydroxide-perchlorate-hydrate	N: R50-53	N R: 50/53 S: 60-61		Eu								
	Ammonium (eta-6,2-(2-(1,2-dicarboxylatoethylamino)ethylamino)butane-1,4-dioato(4-))iron(3+) monohydrate	N: R51-53	N R: 51/53 S: 61		Eu								
	Ammonium 2-cocoyloxyethanesulfonate	Xi: R38-41	Xi R: 38-41 S: (2-26-37/39	Conc>=20%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu								
	Ammonium bis(1-(3,5-dinitro-2-oxidophenylazo)-3-(N-phenylcarbamoyl)-2-naphtholato)chromate(1-)	N: R50-53	F; N R: 11-50/53 S: (2-33-60-61		Eu								
	Ammonium-7-(2,6-dimethyl-8-(2,2-dimethylbutyryloxy)-1,2,6,7,8,8a-hexahydro-1-naphthyl)-3,5-dihydroxyheptanoate	R52-53	R: 52/53 S: 61		Eu								
	Amylases, with the exception of those elsewhere specified	Xn: R42	Xn; R: 42 S: 2 - 22 - 24 - 36/37	Conc>=1%: Xn; R42	Eu								
	Aniline, salts of			Conc>=25%: T; R40; R68; R23/24/25; R48/23/24/25; R41; R43 >=10%Conc<25%: T; R40; R68; R48/23/24/25; R20/21/22; R41; R43 R: 23/24/25-40-41-43-48/23/24/25-68-60 S: (1/2-26-27-36/37/39-45-61-63; Note: A	Eu								
	Antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in HSIS	Xn: R20/22 N: R51-53	Xn; N R: 20/22-51/53 S: (2-361; Note: A	Conc>=0.25%: Xn; R20/22	Eu; A	Antimony & compounds (as Sb)	0.5						
	Arsenic acid and its salts with the exception of those specified elsewhere in HSIS(Note: Pb and Ca arsenates are largely insoluble in water; Na and K soluble)	Carc. Cat. 1; R45 T: R23/25 N: R50-53	T; N R: 45-23/25-50/53 S: 53-45-60-61 Notes: A ; E	Conc>=25%: T; R45; R23/25 >=3%Conc<25%: T; R45; R20/22 >=0.1%Conc<3%: T; R45	Eu								
	Arsenic compounds, with the exception of those specified elsewhere in HSIS (Note: check solubility for exposure standard)	T: R23/25 N: R50-53	T; N R: 23/25-50/53 S: (1/2-20/21-28-45-60-61; Note: A	Conc>=0.2%: T; R23/25 >=0.1%Conc<0.2%: Xn; R20/22	Eu; A	Arsenic & soluble compounds (as As)	0.05				1		
	Atropine, salts of	T+; R26/28	T+ ; R: 26/28 , S: (1/2) - 25 - 45 ; Note: A	Conc>=7%: T+; R26/28 >=1%Conc<7%: T; R23/25 >=0.1%Conc<1%: Xn; R20/22	Eu								
	Avgas	Carc. Cat. 2; R45. Xn: R65 Xi: R38	T+ ; R: 45 - 65 - 38	Conc>=20%: T; R45; R65; R38 >=10%Conc<20%: T; R45; R65 >=0.1%Conc<10%: T; R45	P								
	Aviation turbine fuel	Xn: R65 Xi: R38	Xn ; R: 65 - 38	Conc>=20%: Xn; R65; R38 >=10%Conc<20%: Xn; R65	P								
	Barium salts, with the exception of barium sulphate, salts of 1-azo-2-hydroxynaphthalenyl aryl sulphonic acid, and of salts elsewhere specified	Xn: R20/22	Xn ; R: 20/22 , S: (2) - 28 ; Note: A	Conc>=1%: Xn; R20/22	Eu								
	Benzidine based azo dyes [4,4-Diarylazobiphenyl dyes, with the exception of those elsewhere specified]	Carc. Cat. 2; R45	T ; R: 45, S:53 - 45 Note: A	Conc>=0.1%: T; R45	Eu								
	Benzyl(dimethyloctadecylammonium 3-nitrobenzenesulfonate	Xi: R38-41 N: R50-53	Xi ; N ; R: 38 - 41 - 50/53 S: (2) - 26 - 37/39 - 60 - 61	Conc>=20%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Beryllium compounds, with the exception of aluminium beryllium silicates, and those elsewhere specified	Carc. Cat. 2; R49 T+; R26 T; R25-48/23 Xi; R36/37/38 R43 N; R51-53	T+; N R: 49 - 25 - 26 - 36/37/38 - 43 - 48/23 - 51/53 S: 53 - 45 - 61 ; Note: A ; E	Conc>=25%; T+; R49; R26; R25; R48/23; R36/37/38; R43 >=20%Conc<25%; T+; R49; R26; R22; R48/23; R36/37/38; R43 >=10%Conc<20%; T+; R49; R26; R22; R48/23; R43 >=7%Conc<10%; T+; R49; R26; R22; R48/20; R43 >=3%Conc<7%; T; R49; R23; R22; R48/20; R43 >=1%Conc<3%; T; R49; R23; R48/20; R43 >=0.1%Conc<1%; Xn; R48; R20	Eu	Beryllium & compounds	-	0.002	-	-	2	-	-
	Biphenyl-4-ylamine, salts of; 4-Aminobiphenyl, salts of]	Carc. Cat. 1; R45 Xn; R22	T ; R: 45 - 22 , S: 53 - 45 ; Notes: A ; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
	Bis-(6-hydroxy-4-methyl-5-(3-methylimidazolium-1-yl)-3-(4-phenylazo)-1H-pyridin-2-one)ethylene diacetate	Xn; R48/22 R: 41-48/22-51/53 S: (2-)22-26-36/39-61 N; R51-53	Xn; N R: 41-48/22-51/53 S: (2-)22-26-36/39-61	Conc>=10%; Xn; R48/22; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Bis(dimethyl-(2-hydroxyethyl)ammonium) 1,2-ethanediyl-bis(2-hexadecenylsuccinate)	Xi; R41 R43 N; R51-53	Xi; N R: 41-43-51/53 S: (2-)24-26-37/39-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Bis(hydrogenated tallow C16-18-alkyl)hydroxylamine	R43 R53	Xi R: 43-53 S: (2-)36/37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Bis[(1-methylimidazol)-(2-ethyl-hexanoate)], zinc complex	Xi; R38-41 N; R50-53	Xi ; N ; R: 38 - 41 - 50/53 , S: (2) - 26 - 37/39 - 60 - 61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Bis[2,2,2"-nitrioltris[ethanediol]-1-N,O]bis[2-(2-methoxyethoxy)ethoxy]-titanium	Xi; R41 N; R51-53	Xi; N; R: 41 - 51/53 , S: (2) - 26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Bis[tributyl 4-(methoxybenzyl)ammonium] 1,5-naphthalenedisulfonate	Xn; R20/22 Xi; R41 N; R50-53	Xn; N R: 20/22-41-50/53 S: (2-)26-36/39-60-61	Conc>=25%; Xn; R20/22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Branched, octyl 3-[3,5-di(trans-butyl)-4-hydroxyphenyl]propanoate	N; R50-53	N R: 50/53 S: 60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Butyl(dialkylalkoxy(dibutoxyphosphoryloxy))titanium (trialkylalkoxy)titanium phosphate	F; R11 Xi; R36 N; R51-53	F ; Xi ; N R: 11 - 36 - 51/53 , S: (2) - 7/9 - 16 - 26 - 43 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	C12-14-tert-alkyl ammonium 1-amino-9,10-dihydro-9,10-dioxo-4-(2,4,6-trimethylanilino)-anthracen-2-sulfonate	Xi; R41 N; R50-53	Xi; N R: 41-50/53 S: (2-)26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	C8-10 Alkyl dimethyl hydroxyethyl ammoniumchloride (chain < C8: <3 %, chain = C8: 15 %-70 %, chain = C10: 30 %-85 %, chain > C10: <3 %)	Xn; R21/22 Xi; R38	Xn R: 21/22-38 S: (2-)25-36/37	Conc>=25%; Xn; R21/22; R38 >=20%Conc<25%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), mixture of cadmium sulphide with zinc sulphide (xCdS.yZnS), mixture of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in HSIS	Xn; R20/21/22 N; R50-53	Xn; N R: 20/21/22-50/53 S: (2-)60-61; Note: A	Conc>=0.1%; Xn; R20/21/22	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	-	-	2	-
	Calcium 2,2-bis[(5-tetrapropylene-2-hydroxy)phenyl]ethanolate	Xi; R38 N; R50-53	Xi; N R: 38-50/53 S: (2-)37-60-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Calcium iodoxybenzoate	E; R2	R: 2 S: (2-)35 Note: C	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Cellulose nitrate [Nitrocellulose]	E; R3	E R: 3 S: (2-)35	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Cerium oxide isostearate	R53	R: 53 S: 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Chloro(3-(3-chloro-4-fluorophenyl)propyl)dimethylsilane	C; R35	C	Conc>=10%; C; R35	Eu	-	-	-	-	-	-	-	-
			R: 35 S: (1/2)-26-36/37/39-45	>=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38									
	Chloroanilines (with exception of those specified elsewhere in HSIS)	T; R23/24/25 R33 N; R50-53	T; N R: 23/24/25-33-50/53 S: (1/2)-28-36/37-45-60-61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xi; R20/21/22; R33 >=1%Conc<3%; Xi; R33	Eu	-	-	-	-	-	-	-	-
			T+; N R: 26/27/28 - 33 - 51/53, S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >=0.1%Conc<1%; Xi; R20/21/22									
	Chloronitroanilines, with the exception of those elsewhere specified	T+; R26/27/28 R33 N; R51-53			Eu	-	-	-	-	-	-	-	-
	Chromium (II) compounds (as Cr)				A	Chromium (II) compounds (as Cr) -	0.5	-	-	-	-	-	-
	Chromium (III) compounds (as Cr)				A	Chromium (III) compounds (as Cr) -	0.5	-	-	-	-	-	-
						Chromium (VI) compounds (as Cr), certain water insoluble (h)							
	Chromium (VI) compounds, certain water insoluble				A	-	0.05	-	-	-	1	Sen	-
	Chromium (VI) compounds, water soluble				A	Chromium (VI) compounds (as Cr), water soluble	0.05	-	-	-	-	Sen	-
	Chromium (VI) compounds, with the exception of barium chromate and of compounds elsewhere specified	Carc. Cat. 2; R49 R43 N; R50 - 53	T; N; R; 49 - 43 - 50/53, S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=1%; T; R49; R43 >=0.1%Conc<1%; T; R49	Eu; A	-	0.05	-	-	-	1	Sen	-
	Chromium (VI) compounds, with the exception of barium chromate and of compounds elsewhere specified	Carc. Cat. 2; R49 R43 N; R50 - 53	T; N; R; 49 - 43 - 50/53, S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=1%; T; R49; R43 >=0.1%Conc<1%; T; R49	Eu; A	Chromium (VI) compounds (as Cr), water soluble	0.05	-	-	-	-	Sen	-
	Coal dust (respirable dust)				A	Coal dust (containing < 5% quartz) (respirable dust)	3	-	-	-	-	-	-
	Complex of cobalt(II)-bis(N-phenyl-4-(5-ethylsulfonyl-2-hydroxyphenylazo)-3-hydroxyphenyl)amide), hydrated (n H2O, 2 < n<3)	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Condensation product of 3-(7-carboxyhept-1-yl)-6-hexyl-4-cyclohexene-1,2-dicarboxylic acid with polyamines (primarily aminoethylpiperazine and triethylenetetramine)	Xn; R22 C; R34 R43 N; R50-53	C; N; R; 22 - 34 - 43 - 50/53 S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C; R34; R22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Cotton dust				A	Cotton dust, raw (c)	0.2	-	-	-	-	-	-
	Cyanomethyltrimethylammoniummethylsulfate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Cyclohexanamine, N,N-dimethyl-, compds. with 3-(cyclohexylamino)-1-propanesulfonic acid-blocked 1,6-disocyanatohexane homopolymer	T; R23 Xn; R42/43 Xi; R37/38	T R: 23-37/38-42/43 Xi; N	Conc>=25%; T; R23; R37/38; R42/43 >=20%Conc<25%; Xi; R20; R37/38; R42/43 >=3%Conc<20%; Xi; R20; R42/43 >=1%Conc<3%; Xi; R42/43	N; A	Isocyanates, all (as-NCO)	0.02	-	-	0.07	-	Sen	-
	Cyclopentyl 2-phenylethyl ether	Xi; R38 N; R50-53	R: 38-50/53 S: (2)-37-60-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Di(C9-11-alkyl) cyclohexane-1,4-dicarboxylate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Di(4-ethylammonium)(29H,31H-phthalocyanine-2,9-N30,N31,N32)sulfonamide disulfonate, cuprate(2-)complex, derivatives	Xn; R22-48/22 N; R51-53	Xn; N R: 22-48/22-51/53 S: (2)-32-36-61	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; 48/22	Eu	-	-	-	-	-			-
			Repr. Cat. 3; R62 T; R25 Xn; R48/22-62-50/53 R; R48/22 N; R50-53	Conc>=25%; T; R62; R25; R48/22 >=10%Conc<25%; Xn; R62; R22; R48/22 >=5%Conc<10%; Xn; R62; R22 >=3%Conc<5%; Xn; R22									
			C R: 35 S: (1/2)-26-36/37/39-45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xn; R36/38									
	Dichloro-(3-(3-chloro-4-fluorophenyl)propyl)methylsilane	C; R35	Xn R: 20/21/22, . S: (2) - 13 ; Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-			-
			Xn; R20/21/22	Conc>=1%; Xn; R40									
			Carc. Cat. 3; R40	Conc>=25%; Xn; R22									
	Diethanolamine salt of 4-CPA	Xn; R22 Xi; R38 R43 N; R50-53	Xn; R: 22, . S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-			-
			Xi; N R: 38-43-50/53	Conc>=20%; Xi; R38; R43									
			S: (2)-23-24-37-60-61	>=1%Conc<20%; Xi; R43									
	Dimethyl-1-[(2-methoxy-5-(2-methyl-butoxycarbonyl)phenylcarbamoyl][2-octadecyl-1,1-dioxo-1,2,4-benzothiadiazin-3-yl)methyl] imidazole-4,5-dicarboxylate	R53	R: 53 S: 61	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-			-
			T; N R: 23/24/25 - 50/53 S: (1/2) - 13 - 45 - 60 - 61; Note: A	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33									
			T; N R: 23/24/25 - 50/53 S: (1/2) - 13 - 45 - 60 - 61 Note: A	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33									
	Dinoseb, salts and esters of those elsewhere specified	R44 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R24/25 Xi; R36 N; R50-53	T; N R: 23/24/25 - 50/53 S: (1/2) - 13 - 45 - 60 - 61 Note: A	Conc>=25%; T; R61; R62; R24/25; R36 >=20%Conc<25%; T; R61; R62; R21/22; R36 >=5%Conc<20%; T; R61; R62; R21/22 >=3%Conc<5%; T; R61; R21/22 >=0.5%Conc<3%; T; R61	Eu	-	-	-	-	-			-
			Repr. Cat. 2; R61 T+; R28 T; R24 N; R50-53	Conc>=25%; T+; R28; R61; R24 >=7%Conc<25%; T+; R28; R61; R21 >=3%Conc<7%; T; R61; R25; R21 >=1%Conc<3%; T; R61; R25 >=0.5%Conc<1%; T; R61; R22 >=0.1%Conc<0.5%; Xn; R22									
			T+; N; R: 61 - 24 - 28 - 50/53 S: 45 - 53 - 60 - 61 Notes: A; E	Conc>=25%; T+; R28; R61; R24 >=7%Conc<25%; T+; R28; R61; R21 >=3%Conc<7%; T; R61; R25; R21 >=1%Conc<3%; T; R61; R25 >=0.5%Conc<1%; T; R61; R22 >=0.1%Conc<0.5%; Xn; R22									
	Dinoterb, salts and esters of	Xn; R20 Xi; R41 N; R51-53	Xn; N; R: 20 - 41 - 51/53, . S: (2) - 26 - 39 - 61	Conc>=25%; Xn; R20, R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-			-
			Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43									
			R43										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Disodium 3,3'-[iminobis(sulfonyl-4,1-phenylene-(5-hydroxy-3-methylpyrazole-1,4-diy)azo-4,1-phenylenesulfonylimino-(4-amino-6-phenyloxypyrimidine-2,5-diy)azo-4,1-phenylenesulfonylimino(4-amino-6-hydroxypyrimidine-2,5-diy)azo]bis(benzenesulfonate)]	Xi; R41	Xi R 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Disodium 4-amino-6-((4-(4-(2,4-diaminophenyl)azo)phenylsulfamoyl)phenyl)azo)-5-hydroxy-3-((4-nitrophenyl)azo)naphthalene-2,7-disulfonate	Xi; R41 R52-53	Xi R: 41 52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Disodium 5-[5-[4-(5-chloro-2,6-difluoropyrimidin-4-ylamino)benzamidol-2-sulfonatophenylazo]-1-ethyl-6-hydroxy-4-methyl-2-oxo-3-pyridylmethyl)sulfonate	Xi; R41 R43	Xi; R: 41 - 43 S: (2)-22 - 24 - 26 - 37/39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Disodium 7-(4-(6-dichloro-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(2-sulfonatooxy)ethylsulfonyl)phenyl)azobenzophthalene-2-sulfonate	Xi; R43	Xi; R: 43 S: (2) - 22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Disodium 7-[4-(chloro-6-(N-ethyl-o-toluidino)-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)-2-naphthalenesulfonate	Xi; R41	Xi; R: 41 S: (2)-22 - 26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Disodium S,S-hexane-1,6-diylid(thiosulphate) dihydrate	Xi; R43 R52-53	Xi: R: 43 - 52/53 S: (2) - 22 - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Disodium salt of 1-hydroxy-4-(beta-(4-(1-hydroxy-3,6-disulfo-8-acetylamino-2-naphthyl)azophenoxy)ethoxy)-N-dodecyl-2-naphthamide	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
	Ephedrine, salt of	Xn; R22	Xn; R: 22 S: (2) - 22 - 25 ; Note: A	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Esters of 2,4-D	Xn; R22 R43 N: R50-53	Xn; N : R: 22 - 43 - 50/53 S: (2)-26 - 29 - 36/37 - 46 - 60 - 61; Note: A	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Esters of mecoprop and of mecoprop-P	Xn; R22 R43 N: R50-53	Xn; N R: 22-43-50/53 S: (2)-13-36/37-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Ethoxylated bis phenol A di-(norbornene carboxylate)	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Ethyl 4-((4-diethylamino-2-methylphenyl)imino)-4,5-dihydro-1-isopropyl-5-oxo-1H-pyrazole-3-carboxylate	Xn R: R22-48/22 S: (2)-36-61	Xn R: 22-48/22-53 S: (2)-36-61	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; 48/22	Eu	-	-	-	-	-	-	-	-
	Ethyl propoxy aluminium chloride	C; R35 F: R14/15	R: 14/15-35 S: (1/2-1)16-23-26-30-36/37/39-43-45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Ethyl trans-2,2,6-trimethylcyclohexanecarboxylate	Xi; R38 N: R51-53	Xi; N : R: 38 - 51/53 S: (2)-37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Ethylenediammonium O,O-bis(octyl)phosphorodithioate, mixed isomers	C; R34 Xn; R22 N: R50-53	C; N : R: 22 - 34 - 50/53, S: (1/2) - 24/25 - 26 - 28 - 39 - 45 - 60 - 61	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Extract of lemon eucalyptus	Xi; R41	Xi; R: 41	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	V	-	-	-	-	-	-	-	-
	Fatty acid, C8-C10, esters with polyglycerol	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
	Fatty acids, tall oil, reaction products with iminodietanol and boric acid	Xi; R38 N: R51-53	Xi; N : R: 38 - 51/53 , S: (2) - 27 - 37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Fenoprop, salt of [2-(2,4,5-Trichlorophenoxy)propionic acid, salts of]	Xn; R20/21/22 N: R50-53	Xn; N : R: 20/21/22 - 50/53, S: (2) - 13 - 60 - 61; Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
			T+; N; R: 28 - 50; S: (1/2) - 20 - 22 - 26 - 45 - 61; Note: A	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Fluoroacetates, soluble	T+; R28 N; R50	Xn; R: 22; S: (2) - 13 - 24/25; Note: A	Conc>=10%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Fluorosilicates, with the exception of those elsewhere specified	Xn; R22	T; R: 45	Conc>=0.1%; T; R45	P	-	-	-	-	-	-	-	-
	Fuel oil	Carc. Cat. 2; R45	T+; N R: 22-26-34-50 S: (1/2)-26-36/37/39-38-45-61	Conc>=25%; T+; R26; R34; R22 >=10%Conc<25%; T+; R26; R34 >=7%Conc<10%; T+; R26; R36/38 >=5%Conc<7%; T; R23; R36/38 >=1%Conc<5%; T; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
	Grain dust (oats, wheat, barley)	Xn; R65 Xi; 38	Xn; R: 65 - 38	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	A	Grain dust (oats, wheat, barley)	4	-	-	-	-	-	-
	Heating oil	T; R25 Xi; R41 R42/43	Xn; R: 65 - 38 T R: 25 - 41 - 42/43 S: (1/2) - 22 - 26 - 36/37/39 - 45; Note: A R: 53 S: 35-61	Conc>=25%; T; R25; R41; R42/43 >=10%Conc<25%; Xn; R22; R41; R42/43 >=5%Conc<10%; Xn; R22; R36; R42/43 >=3%Conc<5%; Xn; R22; R42/43 >=1%Conc<3%; Xn; R42/43	P	-	-	-	-	-	-	-	-
	Hexachloroplatinates, with the exception of those elsewhere specified	R53	Xn; R: 65 - 38	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
	Hexadecyl 3-amino-4-isopropoxybenzoate	Muta. Cat. 3; R68 Xn; R22 Xi; R36 N41-53	Xn; N; R: 22 - 36 - 43 - 68 - 51/53 S: (2/26 - 36/37 - 61	Conc>=25%; Xn; R68; R22; R36; R43 >=20%Conc<25%; Xn; R68; R36; R43 >=1%Conc<20%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
	Hexanedioic acid, polymer with 1,3-disocyanatomethylbenzene, 1,2-ethanediol, methyloxirane, oxirane and 1,2-propanediol	Xn; R42	Xn R: 42	Conc>=1%; Xn; R42	N; A	Isocyanates, all (as-NCO)	0.02	-	-	0.07	-	Sen	-
	Hexanedioic acid, polymer with 1,6-hexanediol, 1,4-benzenedicarb, and 1,1'-methylenebis[4-isocyanatobenzene]	Xn; R42	Xn R: 42	Conc>=1%; Xn; R42	N	-	-	-	-	-	-	-	-
	Hexanedioic acid, polymer with 1,6-hexanediol, 1,4-benzenedicarboxylic acid, 1,2-ethanediol, 1,3-isobenzofurandione, and 1,1'-methylenebis[isocyanatobenzene]	Xn; R42	Xn R: 42	Conc>=1%; Xn; R42	N	-	-	-	-	-	-	-	-
	Hexasodium 4,4'-dihydroxy-3,3'-bis[2-sulfonato-4-(4-sulfonatophenylazo)phenylazo]-7,7'-bis[phenylenebis[imino(6-chloro-1,3,5-triazine-4,2-diy)]imino]dinaphthalene-2-sulfonate	E; R3 O; R8 Carc. Cat. 2; R45 T; R23/25 R43 Xi; R41	Xi S: (2)-26-39	Conc>=25%; T; R45; R23/25; R43 >=3%Conc<25%; T; R45; R20/22; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
	Hydrazine trinitromethane	Carc. Cat. 2; R45 T; R23/24/25. R43 N; R50-53	T; N; R: 45 - 23/24/25 - 43 - 50/53. S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=25%; T; R45, R23/24/25, R43 >=3%Conc<25%; T; R45, R20/21/22, R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
	Hydrazine, salts of	C; R34 S: (1/2) - 26 - 45; Note: B	C; R: 34, S: (1/2) - 26 - 45;	Conc>=25%; C; R34 >=10%Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Hydriodic acid ...%	C; R34 Xi; R37	C; R: 34 - 37, S: (1/2) - 7/9 - 26 - 45; Note: B	Conc>=40%; C; R34; R37 >=10%Conc<40%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
	Hydrobromic acid %	C; R34 Xi; R37	C; R: 34 - 37, S: (1/2) - 26 - 45; Note: B	Conc>=25%; C; R34; R37 >=10%Conc<25%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
	Hydrochloric acid %												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Hydrogen sodium N-carboxylatoethyl-N-octadec-9-enylmaleamate	Xi; R43 N; R51-53	Xi; N R: 43 - 51/53 S: (2) - 24 - 37 - 61	Conc<=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Hyoscine, salt of	T+; R26/27/28	T+; R: 26/27/28 , S: (1/2) - 25 - 45 ; Note: A	Conc<=7%; T+; R26/27/28 >=1%Conc<7%; T: R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
	Hyoscyamine, salt of	T+; R26/28	T+; R: 26/28 , S: (1/2) - 24 - 45 ; Note: A	Conc<=7%; T+; R26/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
	Iron salts soluble (as Fe)			Iron salts, soluble (as Fe)	A	-	1	-	-	-	-	-	-
	Iron, complexes with diazolised 4-aminobenzenesulfonamide,diazolised 3-aminobenzenesulfonic acid, diazolised 3-amino-4-hydroxybenzenesulfonamide,diazotised 3-amino-4-hydroxy-N-phenylbenzenesulfonamide, diazotised 5-amino-2-(phenylamino)benzenesulfonic acid and resorcinol, sodium salts	N; R51-53	N R: 51/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
	Isocyanates, all (as NCO)			isocyanates, all (as-NCO)	A	-	0.02	-	0.07	-	-	Sen	-
	Isoparaffinic fraction (150/220)(Note: see petroleum substances low boiling point modified naphtha CAS No. 64741-65-7)	F; R11	F; R11, S: (2) - 9 - 16 - 29 - 33 Note: C		Eu	-	-	-	-	-	-	-	-
	Isopentyl 4-[2-[5-cyano-1,2,3,6-tetrahydro-1-(2-isopropoxyethoxy-carbonylmethyl)-4-methyl-2,6-dioxo-3-pyridyliden]hydrazino]benzoate	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Isopropylammonium 2-(3-benzoylphenyl)propanoate	T; R25-48/25 Xn; R21 Xi; R41 N; R50-53	T; N R: 21-25-41-48/25-50/53 S: (1/2)-22-26-36/37/39-45-60-61	Conc<=25%; T: R25; R48/25; R21; R41 >=10%Conc<25%; T: R48/25; R22; R41 >=5%Conc<10%; Xn; R22; R48/22; R36 >=3%Conc<5%; Xn; R22; R48/22 >=1%Conc<3%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
	Isostearic acid monoisopropanolamide	Xi; R38 N; R51-53	Xi; N R: 38-51/53 S: (2)-37-61	Conc<=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Kerosine	Xn; R65 Xi; R38	Xn; R: 65 - 38	Conc<=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	P	-	-	-	-	-	-	-	-
	Lead alkyls	Repr. Cat. 1; R61 Repr. Cat. 3; R62 T+; R26/27/28 R33 N; R50-53	T+; N R: 61-26/27/28-33-62-50/53 S: 53-45-60-61; Notes: A; E	Conc<=5%; T+; R61; R62; R26/27/28; R33 >=0.5%Conc<5%; T+; R61; R26/27/28; R33 >=0.1%Conc<0.5%; T: R61; R23/24/25; R33 >=0.05%Conc<0.1%; Xn; R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
	Lead compounds with the exception of those specified elsewhere in HSIS	Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33 N; R50-53	T; N R: 61-20/22-33-62-50/53 S: 53-45-60-61; Notes: A; E	Conc<=2.5%; T: R61; R62; R20/22; R33 >=1%Conc<2.5%; T: R61; R20/22; R33 >=0.5%Conc<1%; T: R61; R33	Eu	-	-	-	-	-	-	-	-
	Lithium potassium sodium N,N'-bis[6-[7-[4-(4-chloro-1,3,5-triazin-2-yl)amino-4-(2-ureidophenylazo)]naphthalene-1,3,6-trisulfonato]]-N'-(2-aminoethyl)piperazine	R43	Xi R: 43 S: (2)-22-24-37	Conc<=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Magnesium alkyls	R14 F; R17 C; R34	F ; C ; R: 14 - 17 - 34, S: (1/2) - 16 - 43 - 45; Note: A	Conc<=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Magnesium bis((R)-2-(2,4-dichlorophenoxy)propanoate)	Xn; R22 Xi; R38-41 R43	Xn; R: 22 - 38 - 41 - 43 S: (2)-22 - 36/37/39	Conc<=25%; Xn; R22; R38; R41; R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Magnesium salts, fatty acids, C16-18 and C18 unsaturated, branched and linear	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-

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	Magnesium sodium fluoride silicate	Xn; R48/20	Xn R: 48/20 S: (2)-22-36	Conc>=10%; Xn; R48/20	Eu	-	-	-	-	-	-	-	-
	Magnesium, powder or turnings	F; R11-15	F; R11 - 15, S: (2) - 7/8 - 43		Eu	-	-	-	-	-	-	-	-
	Main component 1 (isomer 1): 2-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-3-(6-fluoro-4-[3-(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-propane sodium salt; main component 2: 2-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-3-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-propane sodium salt; main component 3: 2,3-bis-[6-fluoro-4-[3-(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino]-propane sodium salt												
			Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Main component: acetoacetic acid anilide / 3-amino-1-hydroxybenzene (ATAN-MAP): trisodium {6-[(2 or 3 or 4)-amino-(4 or 5 or 6)-hydroxyphenylazo]-5-(phenylsulfamoyl)-3-sulfonatophthalene-2-azobenzene-1,2'-diolato}-[6'-1]- (phenylcarbamoyl)ethylazo]-5''-(phenylsulfamoyl)-3''-sulfonatophthalene-2''-azobenzene-1'',2''-diolato}chromate (III) by-product 1; acetoacetic acid anilide / acetoacetic acid anilide (ATAN-ATAN): trisodium bis[6-[1-(phenylcarbamoyl)ethylazo]-5'-(phenylsulfonyl)-3-sulfonatophthalene-2'-azobenzene-1,2'-diolato]chromate (III) by-product 2: 3-amino-1-hydroxybenzene / 3-amino-1-hydroxybenzene (MAP-MAP): trisodium bis[6-[(2 or 3 or 4)-amino-(4 or 5 or 6)-hydroxyphenylazo]-5-(phenylsulfamoyl)-3-sulfonatophthalene-2-azobenzene-1,2'-diolato] chromate (III)												
		R43 R52-53	Xi R: 43-52/53 S: (2)-22-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	MCPA, salts and esters of	Xn; R20/21/22 N; R50-53	Xn; N R: 20/21/22-50/53 S: (2)-13-60-61 Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
	MCPB, salts and esters of	Xn; R22	Xn; R: 22, S: (2) - 24/25; Note: A	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Mercury alkyl compounds (as Hg) with the exception of those elsewhere specified	T+; R26/27/28 R33 N; R50-53	T+; N; R: 26/27/28 - 33 - 50/53, S: (1/2) - 13 - 28 - 36 - 45 - 60 - 61; Note: A	Conc>=1%; T+; R26/27/28; R33 >=0.5%Conc<1%; T; R23/24/25; R33 >=0.05%Conc<0.5%; Xn; R20/21/22; R33	Eu; A	Mercury, alkyl compounds (as Hg)	-	0.01	-	0.03	-	Sk	-
	Mercury aryl compounds (as Hg) with the exception of those elsewhere specified	T+; R26/27/28 R33 N; R50-53	T+; N; R: 26/27/28 - 33 - 50/53, S: (1/2) - 13 - 28 - 36 - 45 - 60 - 61; Note: A	Conc>=1%; T+; R26/27/28; R33 >=0.5%Conc<1%; T; R23/24/25; R33 >=0.05%Conc<0.5%; Xn; R20/21/22; R33	Eu; A	Mercury, aryl compounds (as Hg)	-	0.1	-	-	-	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mercury, inorganic compounds with the exception of mercuric sulphide and those specified elsewhere in HSIS	T+: R26/27/28 R33 N: R50-53	T+: N R: 26/27/28-33-50/53 S: (1/2)-13-28-45-60-61; Note: A	Conc>=2%; T+: R26/27/28; R33 >=0.5%Conc<2%; T: R23/24/25; R33 >=0.1%Conc<0.5%; Xn: R20/21/22; R33	Eu; A	Mercury, inorganic divalent compounds (as Hg)	0.003	0.025	-	-	-	-	-
	Mercury, inorganic compounds with the exception of mercuric sulphide and those specified elsewhere in HSIS	T+: R26/27/28 R33 N: R50-53	T+: N R: 26/27/28-33-50/53 S: (1/2)-13-28-45-60-61; Note: A	Conc>=2%; T+: R26/27/28; R33 >=0.5%Conc<2%; T: R23/24/25; R33 >=0.1%Conc<0.5%; Xn: R20/21/22; R33	Eu; A	Mercury, inorganic monovalent compounds (as Hg)	-	0.1	-	-	-	Sk	-
	Mercury, organic compounds with the exception of those specified elsewhere in HSIS	T+: R26/27/28 R33 N: R50-53	T+: N R: 26/27/28-33-50/53 S: (1/2)-13-28-36-45-60-61; Note: A	Conc>=1%; T+: R26/27/28; R33 >=0.5%Conc<1%; T: R23/24/25; R33 >=0.05%Conc<0.5%; Xn: R20/21/22; R33	Eu; A	Mercury, alkyl compounds (as Hg)	-	0.01	-	0.03	-	Sk	-
	Mercury, organic compounds with the exception of those specified elsewhere in HSIS	T+: R26/27/28 R33 N: R50-53	T+: N R: 26/27/28-33-50/53 S: (1/2)-13-28-36-45-60-61; Note: A	Conc>=1%; T+: R26/27/28; R33 >=0.5%Conc<1%; T: R23/24/25; R33 >=0.05%Conc<0.5%; Xn: R20/21/22; R33	Eu; A	Mercury, aryl compounds (as Hg)	-	0.1	-	-	-	Sk	-
	Methacrylic acid, monoalkyl or monoaryl or monoalkaryl esters of, with the exception of those elsewhere specified	Xi: R36/37/38	Xi R: 36/37/38 S: (2) - 26 - 28; Note: A	Conc>=10%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-
	Methyl 2-(4-butanedisulfonamidophenoxy)tetradecanoate	N: R50-53	N R: 50/53 S: 60-61	-	Eu	-	-	-	-	-	-	-	-
	Methyl-2-[(aminosulfonyl)methyl]benzoate	Xn: R22 Xi: R36	Xn R: 22-36 S: (2)-22-26	Conc>=25%; Xn: R22; R36 >=20%Conc<25%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Methylethylketone peroxide trimer	E: R2 O: R7 Xn: R65 Xi: R38 R43	Ei; Xn R: 2-7-38-43-65 S: (2)-37/-14-23-36/37/39-62	Conc>=20%; Xn: R65; R38; R43 >=10%Conc<20%; Xn: R65; R43 >=1%Conc<10%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Methyl-phenylene diamine [Diaminotoluene](Note: technical product - mixture of 4-methyl-n-phenylene diamine (CAS No 95-90-7) and 2-methyl-m-phenylene diamine (CAS No 823-40-5))	Xn: R21-48/22 Xi: R36 R43 N: R51-53	T: N R: 45-21-25-36-43-48/22-62-68-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R45; R62; R68; R25; R21; R48/22; R36; R43 >=20%Conc<25%; T: R45; R62; R68; R22; R48/22; R36; R43 >=10%Conc<20%; T: R45; R62; R68; R22; R48/22; R43 >=5%Conc<10%; T: R45; R62; R68; R22; R43 >=3%Conc<5%; T: R45; R68; R22; R43 >=1%Conc<3%; T: R45; R68; R43 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
	Milbectin (ISO)(Note: mixture of milbemycin A3 (CAS No 51596-10-2) and milbemycin A4 (CAS No 51596-11-3) (30:70))	Xn: R20/22 N: R50-53	Xn; N R: 20/22-50/53 S: (2)-46-60-61	Conc>=25%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
	Mineral wool, with the exception of those specified elsewhere in HSIS [Synthetic mineral fibres (SMF); Glasswool; MMVF](Note: Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content greater than 18 % by weight)	Carc. Cat. 3; R40	Xn R: 40 S: (2)-36/37 Notes: A; Q; R	Conc>=1%; Xn: R40	Eu/A	[Glass wool, rock (stone) wool, slag wool and continuous glass filament](i)(k) and Low Biopersistence MMVF(m)	-	2 mg/m3 (inhalable dust)(j)	-	-	-	-	(see Workplace Exposure Standards for Airborne Contaminants for meaning of (i) (j) (k) (m))
	Mixed triesters of 2,2-bis(hydroxymethyl)butanol with C7-alkanoic acids and 2-ethylhexanoic acid	R 53	R: 53 S: 61	-	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture (1:1) of 2-[N-ethyl-4-[(5,6-dichlorobenzothiazol-2-yl)azo]-m-toluidino]ethyl acetate and 2-[N-ethyl-4-[(6,7-dichlorobenzothiazol-2-yl)azo]-m-toluidino]ethyl acetate	T: R48/25 R43 N: R51/53	T ; N ; R: 43 - 48/25 - 51/53 S: (1/2) - 22 - 36/37 - R45 - 61	Conc>=10%: T; R48/25; R43 >=1%Conc<10%: Xn; R48/22; R43	Eu	-	-	-	-	-	-	-	-
	Mixture (1:2:1) of bis(N-cyclohexyl-N'-phenyleneureido)methylene, bis(N-octadecyl-N'-phenyleneureido)methylene and bis(N-dicyclohexyl-N'-phenyleneureido)methylene	R43 R53	Xi ; R: 43 - 53 S: (2)22 - 24 - 37 - 61	Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of O,O-di[(1-methylethyl)thio-bis-thioformate; O,O-di[(1-methylethyl)tetra-thio-bis-thioformate; O,O-di[(1-methylethyl)pentathio-bis-thioformate	Xn: R22 R43 N: R50-53	Xn ; N ; R: 22 - 43 - 50/53 , S: (2) - 36/37 - 60 - 61	Conc>=25%: Xn; R22; R43 >=1%Conc<25%: Xi; R43	-	-	-	-	-	-	-	-	-
	Mixture of (1,3-dioxo-2H-benz(de)isouquinolin-2-ylpropyl)hexadecyldimethylammonium 4-toulenesulfonate and (1,3-dioxo-2H-benz(de)isouquinolin-2-ylpropyl)hexadecyldimethylammonium bromide	Xi: R41 N: R50-53	Xi ; N ; R: 41 - 50/53 , S: (2) - 22 - 26 - 39 - 60 - 61	Conc>=10%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of (1'alpha,3'alpha,6'alpha)-2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane) and (1'alpha,3'beta,6'alpha)-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane)	Xi: R38 N: R51-53	Xi; N R: 38-51/53 S: (2)-36/37-61	Conc>=20%: Xi; R38	Eu	-	-	-	-	-	-	-	-
	Mixture of (1R',2S')-2-acetyl-1,2,3,4,5,6,7,8-octahydro-1,2,8,8-tetramethylnaphthalene and (2R',3S')-2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61	-	Eu	-	-	-	-	-	-	-	-
	Mixture of (1RS,2RS,3SR,6RS,9SR)-9-methoxytricyclo[6,2,1,0(2,6)]decane-3-carbaldehyde and (1RS,2RS,3RS,6RS,8SR)-8-methoxytricyclo[6,2,1,0(2,6)]decane-3-carbaldehyde and (1RS,2RS,4SR,6RS,8SR)-8-methoxytricyclo[6,2,1,0(2,6)]decane-4-carbaldehyde	R43 N: R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of (1RS,2SR,7SR,8SR,E)-9 and 10-ethylidene-3-oxatricyclo[6,2,1,0(2,7)]undecan-4-one and (1RS,2SR,7SR,8SR,Z)-10-ethylidene-3-oxatricyclo[6,2,1,0(2,7)]undecan-4-one and (1RS,2SR,7SR,8SR,Z)-9-ethylidene-3-oxatricyclo[6,2,1,0(2,7)]undecan-4-one	Xn: R22 N: R51-53	Xn; N R: 22-51/53 S: (2)-61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
	Mixture of (3-methoxy)propylammonium/[tris-(2-hydroxyethyl)lammonium 2-(2-bis(2-hydroxyethyl)amino)ethoxycarbonylmethyl]hexadec-4-enoate, (3-methoxy)propylammonium/[tris-(2-hydroxyethyl)lammonium 2-(2-bis(2-hydroxyethyl)amino)ethoxycarbonylmethyl]tetradec-4-enoate, (3-methoxy)propylammonium/[tris-(2-hydroxyethyl)lammonium 2-(3-methoxypropylcarbamoylmethyl)hexadec-4-enoate and (3-methoxy)propylammonium/[tris-(2-hydroxyethyl)lammonium 2-(3-methoxypropylcarbamoylmethyl)tetradec-4-enoate	Xi: R38-41 N: R51-53	Xi ; N ; R: 38 - 41 - 51/53 S: (2)26 - 37/39 - 61	Conc>=20%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of (R,R)-1,1,1,2,2,3,4,5,5,5-decafluoropentane and (S,S)-1,1,1,2,2,3,4,5,5,5-decafluoropentane	R52-53	R: 52/53 S: 61	-	Eu	-	-	-	-	-	-	-	-
	Mixture of [1-(methoxymethyl)-2-(C12-alkoxy)-ethoxy]acetic acid and [1-(methoxymethyl)-2-(C14-alkoxy)-ethoxy]acetic acid	Xi: R38-41 N: R50-53	Xi ; N ; R: 38 - 41 - 50/53 , S: (2) - 26 - 37/39 - 60 - 61	Conc>=20%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 1-(1-(3-dimethylaminopropyl)-5-(3-(4-(1-(3-dimethylaminopropyl)-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-5-pyridino-3-pyridylazo)phenylazo)-2,4(or2,6 or3,5)-dihydroxyphenylazo)phenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-3-pyridyl)pyridinium dichloride and 1,1'-((dihydroxyphenylenebis(azo-3,1-phenyleneazo(1-(3-dimethylaminopropyl))-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diyl))dipyridinium dichloride dihydrochloride	Xi: R43	Xi; R: 43 , S: (2) - 22 - 24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 1-(1,1-dimethylpropyl)-4-ethoxy-cis-cyclohexane and 1-(1,1-dimethylpropyl)-4-ethoxy-trans-cyclohexane	Xi: R38 N: R50-53	Xi; N R: 38-50/53 S: (2)-24-37-60-61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
	Mixture of 1,1'-(methylenebis(4,1-phenylene))dipyrOxo-2H-2-furylideneamino(benzyl)phenylpyrrole-2,5-dione	Xi: R43 N: R50-53	Xi; N; R: 43 - 50/53 , S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 1,2-dimethylpropylidene dihydroperoxide and dimethyl 1,2-benzenedicarboxylate	O: R7 Xn: R22 C: R34 R43 N: R51-53	O; C; N R: 7-22-34-43-51/53 S: (1/2-3/7-14-26-36/37/39-45-50-61	Conc>=25%; C: R34; R22 R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)monoester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylenedi)bisphenol and 1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)diester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylenedi)bisphenol and 1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)triester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylenedi)bisphenol	F: R17 R44 R53	F R: 17-44-53 S: (2-)15-22-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 1,3-dihex-5-en-1-yl-1,1,3,3-tetramethyldisiloxane and 1,3-dihex-en-1-yl-1,1,3,3-tetramethyldisiloxane	N: R51-53	N; R: 51/53, S: 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 1,7-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane and 2,3-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane	C: R34 N: R50-53	C; N R: 34-50/53 S: (1/2-2/3-26-36/37/39-45-57-60-61	Conc>=10%; C: R34 >=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
	Mixture of 1-[di(4-octylphenyl)aminomethyl]-5-methyl-1H-benzotriazole and 1-[di(4-octylphenyl)aminomethyl]-4-methyl-1H-benzotriazole [Mixture of N-[(5-methyl-1H-benzotriazol-1-yl)methyl]-4-octyl-N-(4-octylphenyl)aniline and N-[(4-methyl-1H-benzotriazol-1-yl)methyl]-4-octyl-N-(4-octylphenyl)aniline]	R53	R: 53 S: 22-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 1-deoxy-1-[methyl-(1-oxohexadecyl)amino]-D-glucitol and 1-deoxy-1-[methyl-(1-oxooctadecyl)amino]-D-glucitol	Xi: R41	Xi; R: 41 , S: (2) - 26 - 39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Mixture of 1-ethoxy-1,1,2,3,3,3-hexafluoro-2-(trifluoromethyl)propane and 1-ethoxy-1,1,2,2,3,3,4,4,4-nonfluorobutane	R53	R: 53 S: 21-23-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-(2-[(oxo(phenyl)acetyl)oxy]ethoxy)ethyl oxo(phenyl)acetate and (2-(2-hydroxyethoxy)ethyl) oxo(phenyl)acetate	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 2-(3-(2,6-dichloro-4-nitrophenyl)azo)carbazol-9-y)ethanol and 2-(2-(3-(2,6-dichloro-4-nitro-phenylazo)-carbazol-9-y)-ethoxy)ethanol and 3-(2-6-dichloro-4-nitrophenyl)azo)carbazol	R43 N; R50-53	Xi; N R: 43-50/53 S: (2-)24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-(9-methyl-1,3,8,10-tetraoxo-2,3,9,10-tetrahydro-(1H,8H)-anthra[2,1,9-def:6,5,10-d'e'f']disquinoxolin-2-y)ethansulfonic acid and potassium 2-(9-methyl-1,3,8,10-tetraoxo-2,3,9,10-tetrahydro-(1H,8H)-anthra[2,1,9-def:6,5,10-d'e'f']disquinoxolin-2-y)ethansulfate	Xi; R41	Xi; R: 41 S: (2)26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
		Xn; R22 Xi; R41 R43 N; R51-53	Xn; N ; R: 22 - 41 - 43 - 51/53 , S: (2) - 24 - 26 - 37/39 - 61	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-(hexylthio)ethylamine hydrochloride and sodium propionate				Eu	-	-	-	-	-	-	-	-
	Mixture of 2,2'-(heptane-1,7-diy)bis-1,3-dioxolane and 2,2'-(heptane-1,6-diy)bis-1,3-dioxolane	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of 2,2'-(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[N-(2,4-dimethylphenyl)-3-oxo-butanamide and 2-[(3,3'-dichloro-4-[[1[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azol-N-(2-methylphenyl)-3-oxo-butanamide and 2-[(3,3'-dichloro-4-[[1[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azol-N-(2-carboxyphenyl)-3-oxo-butanamide	R43 R53	Xn R: 40-43-53 S: (2-)36/37-61	Conc>=1%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2,2'-dimethyl-2,2'-azobutanenitrile and 2-methylpentanenitrile-2-azo-2'-(2'-methylopropanenitrile) and 2,2'-dimethyl-2,2'-azohexanenitrile and 2-methylheptanenitrile-2-azo-2'-(2'-methylpropanenitrile) and 2-methylheptanenitrile-2-azo-2'-(2-methylbutanenitrile)	R10 R32 R44 Xn; R22 N; R51-53	Xn; N R: 10-22-32-44-51/53 S: (2-)12-15-16-47-51-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-{3-[6-bis-[(2-ethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (2'-10 %) and 2-{3,6-bis-[(2,3-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (2'-10 %) and 2-{3,6-bis-[(2,4-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (2'-10 %) and 2-{3,6-bis-[(2,5-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (2'-10 %) and 2-{3-[2,3-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-xanthylum-9-yl]-benzenesulfonate (7-20 %) and 2-{3-[(2,4-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (7-20 %) and 2-{3-[(2,5-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-xanthylum-9-yl]-benzenesulfonate (7-20 %) and 2-{3-[(2,5-dimethylphenyl)-xanthylum-9-yl]-benzenesulfonate (7-20 %) and 2-{3-[(2,3-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (7-20 %) and 2-{3-[(2,4-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (7-20 %) and 2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylum-9-yl]-benzenesulfonate (7-20 %)}	Xi; R38 R: 38-51/53 S: (2-)37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-	-
		Xi; R38 N; R51-53	Xi; N R: 38-51/53 S: (2-)37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 2-acryloyloxyethyl hydrogen cyclohexane-1,2-dicarboxylate and 2-methacryloyloxyethyl hydrogen cyclohexane-1,2-dicarboxylate	Xi; R38-41 R43 R52-53	Xi; R: 38 - 41 - 43 - 52/53 , S: (2) - 24 - 26 - 37/39 - 61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-chloro-5-sec-tetradecylhydroquinones where sec-tetradecyl= 1-methyltridecyl, 1-ethyltridecyl, 1-propyltridecyl, 1-butyldecyl, 1-pentylonyl and 1-hexylcetyl	Xi; R38 R43 R52-53	Xi; R: 38 - 43 - 52/53 S: (2)24 - 37 - 61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-chloroethyl chloropropyl 2-chloroethylphosphonate, mixture of isomers and 2-chloroethyl chloropropyl 2-chloropropylphosphonate, mixture of isomers	Xn; R22	Xn; R: 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-ethylhexyl 2,3,4,5-tetrabromobenzoate and bis(2-ethylhexyl)3,4,5,6-tetrabromo phthalate	R43 N; R50-53	Xi; N R: 43-50/53 S: (2-3)60/37-80-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-hydroxy-3-(methacryloyloxy)propyl (2-benzoyl)benzoate and 1-hydroxymethyl-2-(methacryloyloxy)ethyl (2-benzoyl)benzoate and x-hydroxy-y-(methacryloyloxy)propyl(or-ethyl) (2-benzoyl)benzoate	R43 N; R51-53	Xi; N R: 43-51/53 S: (2-2)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-methoxy-4-(tetrahydro-4-methylene-2H-pyran-2-yl)-phenol and 4-(3,6-dihydro-4-methyl-2H-pyran-2-yl)-2-methoxyphenol	Xi; R43 R52-53	Xi; R: 43 - 52/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 2-methylnonanediolic acid and 2,4-dimethyl-4-methoxycarbonylundecanediolic acid and 2,4,6-trimethyl-4,6-dimethoxycarbonyltridecanediolic acid and 8,9-dimethyl-8,9-dimethoxycarbonylhexadecanediolic acid	Xi; R41 R43	Xi R: 41-43 S: (2-2)24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 3-((5-cyano-1,6-dihydro-1,4-dimethyl-2-hydroxy-6-oxo-3-pyridinyl)azo)-benzoyloxy-2-phenoxyethane and 3-((5-cyano-1,6-dihydro-1,4-dimethyl-2-hydroxy-6-oxo-3-pyridinyl)azo)-benzoyloxy-2-ethyloxy-2-(ethylphenol)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of 3-(4-ethylphenyl)-2,2-dimethylpropanenitrile, 3-(2-ethylphenyl)-2,2-dimethylpropanenitrile and 3-(3-ethylphenyl)-2,2-dimethylpropanenitrile	N; R51-53	N; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of 3-(N-(3-dimethylaminopropyl)-(C4-8)perfluoroalkylsulfonamido)propionic acid, N-[dimethyl-3-(C4-8-perfluoroalkylsulfonamido)propylammonium]propanoate and 3-(N-(3-dimethyl-propylammonium)-(C4-8)perfluoroalkylsulfonamido)propionic acid propanoate	Xn; R48/22	Xn; R: 48/22 S: (2)21 - 22 - 36/37	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
	Mixture of 3,3'-dicyclohexyl-1,1'-methylenebis(4,1-phenylene)diurea,3-cydonhexyl-1-(4-(4-(3-octadecylureido)benzyl)phenyl)urea and 3,3'-dioctadecyl-1,1'-methylenebis(4,1-phenylene)diurea	R53	R: 53 S: 22 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of 3-[(4-amino-2-chloro-5-nitrophenyl)amino]propane-1,2-diol and 3,3'-(2-chloro-5-nitro-1,4-phenylenedimino)bis(propan-1,2-diol)	Xn; R22 R52-53	Xn; R: 22 - 52/53, S: (2) - 22 - 36 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 3-[4-chloro-6-[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-5-[4-chloro-6-[8-hydroxy-3,6-disulfo-7-[(2-sulphophenyl)azo]-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid and 3,6-bis[4-chloro-6-[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid	Xi; R41	Xi R: 41 S: (2)22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of 3-[3-carbamoyl-5-(5-(4-chloro-6-[4-(2-sulfonatooxyethyl)sulfonyl]anilino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, trisodium salt and 3-[3-carbamoyl-5-(5-(4-chloro-6-[4-(vinylsulfonyl]anilino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, disodium salt	Xi; R41 R43	Xi R: 41-43 S: (2)22-26-36/37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 3-[5-[3-(4-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridyl]azo}benzamidolphenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propyl(methyl)ammonium di(acetate) and 3-[5-[4-(3-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridyl]azo}benzamidolphenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propyl(dimethyl)ammonium di(acetate) and 3-[5-[3-(4-{1-[3-(dimethylammonio)propyl]-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridyl]azo}benzamidolphenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propyl(dimethyl)ammonium di(acetate)]	Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2)22-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indene-6-carboxaldehyde and 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indene-5-carboxaldehyde	Xi; R43 N; R51-53	Xi; N ; R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 3-cyano-5-(2-cyano-4-nitrophenylazo)-2-(2-hydroxyethylamino)-4-methyl-6-[3-(2-phenoxyethoxy)propylamino]pyridine; 3-cyano-5-(2-cyano-4-nitrophenylazo)-6-(2-hydroxyethylamino)-4-methyl-2-[3-(2-phenoxyethoxy)propylamino]pyridine, 3-cyano-5-(2-cyano-4-nitrophenylazo)-2-amino-4-methyl-6-[3-(3-hydroxypropoxy)propylamino]pyridine and 3-cyano-5-(2-cyano-4-nitrophenylazo)-6-amino-4-methyl-2-[3-(3-methoxypropoxy)propylamino]pyridine	Xi; R43 N; R51-53	Xi; N ; R: 43 - 51/53 S: (2)24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 4 diastereoisomers of 2,7-dimethyl-10-(1-methylethyl)-1-oxaspiro[4.5]deca-3,6-diene	Xi; R38 N; R51-53	Xi; N ; R: 38 - 51/53 S: (2)37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 4-(1,3a,4,6,7,7a-hexahydro-4,7-methaninden-5-ylidene)-3-methylbutan-2-ol and 4-(3,3a,4,6,7,7a-hexahydro-4,7-methaninden-5-ylidene)-3-methylbutan-2-ol and 1-(1,3a,4,6,7,7a-hexahydro-4,7-methaninden-5-ylidene)pentan-3-ol and 1-(3,3a,4,6,7,7a-hexahydro-4,7-methaninden-5-ylidene)pentan-3-ol and (E)-4-(3a,4,5,6,7,7a-hexahydro-1H-4,7-methaninden-5-yl)-3-methylbut-3-en-2-ol and (E)-4-(3a,4,5,6,7,7a-hexahydro-3H-4,7-methaninden-5-yl)-3-methylbut-3-en-2-ol	N; R51-53	N R: 51/63 S: 61	Conc>=20%; Xn; R62; R38; R43 >=5%Conc<20%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol and 4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol and 5,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol	Repr. Cat. 3; R62 Xi; R38 R43 N; R50-53	Xn; N R: 38-43-62-50/53 S: (2,36/37-60-61	Conc>=20%; Xn; R62; R38; R43 >=5%Conc<20%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 4-[(3-decyloxypropyl)(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)amino]-4-oxobutyric acid and 4-[(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)(3-octyloxypropyl)amino]-4-oxobutyric acid	Xi; R36 N; R51-53	R: 36-51/53 S: (2,26-61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of 4-[bis-(4-fluorophenyl)methylsilyl]methyl]-4H-1,2,4-triazole and 1-[bis-(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole	Carc. Cat. 3; R40 Repr. Cat. 2; R61 Xn; R22 N; R51-53	T; N; R: 61 - 22 - 40 - 51/53 S: 53 - 45 - 61; Note: E	Conc>=25%; T; R61; R40; R22 >=1%Conc<25%; T; R61; R40 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
	Mixture of 4-allyl-2,6-bis(2,3-epoxypropyl)phenol, 4-allyl-6-[3-[6-[3-[6-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol, 4-allyl-6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol and 4-allyl-6-[3-[6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol	Multa. Cat. 3; R68 R43	Xn; R: 43 - 68 S: (2,36/37	Conc>=1%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of 5-(2-cyano-4-nitrophenylazo)-2-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-6-phenylaminonitronitrile and 5-(2-cyano-4-nitrophenylazo)-6-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-2-phenylaminonitronitrile	R53 Xn; R65 Xi; R38 N; R50-53	R: 53 S: 61	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
	Mixture of 5-endo-butyl-bicyclo[2.2.1]hept-2-ene and 5-exo-butyl-bicyclo[2.2.1]hept-2-ene (80:20)	Xn; R22 Xi; R36 N; R51-53	Xn; N; R: 22 - 36 - 51/53 , S: (2) - 22 - 26 - 61	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of 6,7-epoxy-1,2,3,4,5,6,7,8-octahydro-1,1,2,4,4,7-hexamethylnaphthalene and 7,8-epoxy-1,2,3,4,6,7,8,8a-octahydro-1,1,2,4,4,7-hexamethylnaphthalene	N R: 50/53 S: 60-61	N		Eu	-	-	-	-	-	-	-	-
	Mixture of 7-(((3-aminophenyl)sulfonyl)amino)-naphthalene-1,3-disulfonic acid and sodium 7-(((3-aminophenyl)sulfonyl)amino)-naphthalene-1,3-disulfonate and potassium 7-(((3-aminophenyl)sulfonyl)amino)-naphthalene-1,3-disulfonate	R43	Xi; R43, S: (2) - 22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 9-nonyl-10-octyl-19-carbonyloxyhexadecylnonadecanoic acid and 9-nonyl-10-octyl-19-carbonyloxyoctadecylnonadecanoic acid and dhexadecyl 9-nonyl-10-octylnonadecanoidate and 1-octadecyl 19-hexadecyl 9-nonyl-10-octylnonadecanoidate and dioctadecyl 9-nonyl-10-octylnonadecanoidate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-oxypoly(oxyethylene)	R43 N: R51-53	Xi; N; R: 43 - 51/53 , S: (2) - 36/37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of ammonium 1-C14-C18-alkyloxycarbonyl-2-(3-allyloxy-2-hydroxypropoxycarbonyl)ethane-1-sulfonate and ammonium 2-C14-C18-alkyloxycarbonyl-1-(3-allyloxy-2-hydroxypropoxycarbonyl)ethane-1-sulfonate (ratio not known)	R38 N: R50-53	Xi; N; R: 38 - 43 - 50/53 , S: (2) - 24 - 37 - 60 - 61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of and N-[5-[bis-(2-methoxyethyl)amino]-2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-yl)-azophenyl]acetamide and N[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)5-diethylaminophenyl]acetamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of bis(2,2,6,6-tetramethyl-1-octyloxypiperidin-4-yl)-1,10-decanediolate and 1,8-bis[(2,2,6,6-tetramethyl-4-[(2,2,6,6-tetramethyl-1-octyloxypiperidin-4-yl)decan-1,10-diyl]piperidin-1-yl)oxy]octane	R53	R: 53 S: 23 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of bis(5-dodecyl-2-hydroxybenzaldoximate)copper (II) C12-alkyl group is branched: 4-dodecylsalicylaldoxime	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of bis(isotridecylammonium)mono(dl-(4-methylpent-2-yloxy)thiophosphorothionyl)phosphate and isotridecylammonium bis(di-(4-methylpent-2-yoxy)thiophosphorothionylisopropyl)phosphate	R10 C: R34 N: R51-53	C ; N ; R: 10 - 34 - 51/53 S: (1/2) - 23 - 26 - 28 - 36/37/39 - 45 - 61	Conc>=10%; C: R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Mixture of bis(tris(2-(2-hydroxy(1-methylethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate and bis(tris(2-(2-hydroxy(2-methylethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)-32-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Mixture of bis[(2-ethyl-1-oxoethyl)oxy]diethyl stannane and bis[(2-ethyl-1-oxoethyl)oxy]diethylstannyloxide and bis(1-phenyl-1,3-decanedionyl)diethyl stannane and [(2-ethyl-1-oxoethyl)oxy](1-phenyl-1,3-decanedionyl)diethyl stannane	Xn; R48/22 N: R50-53	Xn; N R: 48/22-50/53 S: (2)-32-36-60-61	Conc>=10%; Xn; R48/22	Eu;A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
	Mixture of C12-14-tert-alkylammonium diphenyl phosphorothioate and dinonyl sulphide (or disulphide) N: R51-53	Xi; R38-41 R43 N: R51-53	Xi ; N ; R: 38 - 41 - 43 - 51/53 , S: (2) - 24 - 26 - 37/39 - 61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of Ca salicylates (branched C10-14 and C18-30 alkylated) and Ca phenates (branched C10-14 and C18-30 alkylated) and Ca sulfurised phenates (branched C10-14 and C18-30 alkylated)	Repr. Cat. 3; R62 R43	Xn R: 43-62 S: (2)-23-36/37	Conc>=5%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of calcium bis(C10-14 branched alkyl salicylate) and calcium bis(C18-30-alkyl salicylate) and calcium C10-14 branched alkylsalicylato-C18-30-alkyl salicylate and calcium bis(C10-14 branched alkyl phenolate) and calcium bis(C18-30-alkyl phenolate) and calcium C10-14 branched alkylphenolato-C18-30-alkyl phenolate and C10-14 branched alkyl phenol and C18-30-alkyl phenol	Xi; R38 R: 38-51/53 N: R51-53	Xi; N R: 38-51/53 S: (2)-24-37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Mixture of carbonato-bis-N-ethyl-2-isopropyl-1,3-oxazolidine and methyl carbonato-N-ethyl-2-isopropyl-1,3-oxazolidine and 2-isopropyl-N-hydroxyethyl 1,3-oxazolidine	Xi; R41 R43 R52-53	Xi R: 41-43-52/53 S: (2)-24-26-37/39-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of cis-9-octadecenedioic acid and dis-9-dis-12-octadecadienedioic acid and hexadecanedioic acid and octadecanedioic acid	Xi; R41 N: R50-53	Xi; N R: 41-50/53 S: (2)-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of complexes of titanium and 2,2'-oxydiethanol and ammonium lactate and nitrilotris(2-propanol) and ethylene glycol	N N: R51-53	N R: 51/63 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of copper(I) O,O-bis(4-methylpent-2-yl) phosphorodithioate and copper(I) O,O-diisopropyl phosphorodithioate and copper(I) O-isopropyl O-(4-methylpent-2-yl) phosphorodithioate	N: R50-53	N: R50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of copper(I) O,O-diisopropyl phosphorodithioate and copper(I) O-isopropyl O-(4-methylpent-2-yl) phosphorodithioate and copper(I) O,O-bis(4-methylpent-2-yl) phosphorodithioate	N: R50-53	N : R: 50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of copper(I) O-isopropyl O-(4-methylpent-2-yl) phosphorodithioate and copper(I) O,O-diisopropyl phosphorodithioate and copper(I) O,O-bis(4-methylpent-2-yl) phosphorodithioate	N: R50-53	N: R50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of di-(1-octane-N,N-trimethylammonium) octylphosphate, 1-octane-N,N-trimethylammonium di-octylphosphate and 1-octane-N,N,N-trimethylammonium octylphosphate	Xn; R21/22 C: R34	C : R: 21/22 - 34 S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C: R34; R21/22 >=10%Conc<25%; C: R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Mixture of didecyl dimethyl ammonium carbonate and didecyl dimethyl ammonium bicarbonate(Note: Didecyl dimethyl ammonium carbonate - CAS No. 148788-55-0 and didecyl dimethyl ammonium bicarbonate - CAS No. 148812-65-1)	Xn; R22 C: R34	C: R: 22-34	Conc>=25%; C: R34; R22 >=10%Conc<25%; C: R34 >=5%Conc<10%; Xi; R36/38	V	-	-	-	-	-	-	-	-
	Mixture of diester of 4,4'-methylenebis(2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:2); and triester of 4,4'-methylenebis(2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:3)	Xn R: 40	Xn R: 40 S: (2)-36/37	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
	Mixture of dimethyl (2-(hydroxymethylcarbamoyl)ethyl)phosphonate and diethyl (2-(hydroxymethylcarbamoyl)ethyl)phosphonate and methyl ethyl (2-(hydroxymethylcarbamoyl)ethyl)phosphonate	Carc. Cat. 3; R40 Carc. Cat.2; R45 Muta. Cat.2; R46 R43	 T R: 45-46-43 S: 53-45	Conc>=1%; T: R45; R46; R43 >=0,1%Conc<1%; T: R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of disodium 6-(4-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-) and trisodium bis(5-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-)	N; R43 R50-53	Xi; N; R: 43 - 50/53 S: (2)24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of disodium 6-(2,4-dihydroxyphenylazo)-3-(4-(4-(2,4-dihydroxyphenylazo)anilino)-3-sulphonatophenylazo)-4-hydroxynaphthalene-2-sulphonate and disodium 6-(2,4-diaminophenylazo)-3-(4-(4-(2,4-diaminophenylazo)anilino)-3-sulphonatophenylazo)-4-hydroxynaphthalene-2-sulphonate and trisodium 6-(2,4-dihydroxyphenylazo)-3-(4-(4-(7-(2,4-dihydroxyphenylazo)-1-hydroxy-3-sulphonato-2-naphthylazo)anilino)-3-sulphonatophenylazo)-4-hydroxynaphthalene-2-sulphonate	Xi; R36	Xi; R: 36, S: (2) - 26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of disodium 7-(2,4-difluoropyrimidin-6-ylamino)-4-hydroxy-3-(4-methoxy-2-sulphonatophenylazo)naphthalene-2-sulfonate and disodium 7-(4,6-difluoropyrimidin-2-ylamino)-4-hydroxy-3-(4-methoxy-2-sulphonatophenylazo)naphthalene-2-sulfonate	Xi; R41	Xi R: 41 S: (2)22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			Xi; R38 Xi; R41 R43 N: R51-53	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 51/53 ; >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43									
	Mixture of dodecanoic acid and poly(1-7)lactate esters of dodecanoic acid	N; R51-53	Xi; N; R: 38 - 41 - 43 - 51/53 ; S: (2) - 24 - 26 - 37/39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of dodecyl 3-(2,2,4,4-tetramethyl-21-oxo-7-oxa-3,20-diazadispiro(5.1,11,2)hencosan-20-yl)propanoate and teradecyl 3-(2,2,4,4-tetramethyl-21-oxo-7-oxa-3,20-diazadispiro(5.1,11,2)hencosan-20-yl)propanoate(Note: Dodecyl 3-(2,2,4,4-tetramethyl-21-oxo-7-oxa-3,20-diazadispiro(5.1,11,2)hencosan-20-yl)propanoate - CAS No. 85099-51-0 and teradecyl 3-(2,2,4,4-tetramethyl-21-oxo-7-oxa-3,20-diazadispiro(5.1,11,2)hencosan-20-yl)propanoate - CAS No. 85099-50-9)	Xi; R38 N; R51-53	Xi; N; R: 38 - 51/53 , S: (2) - 22 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
			C ; N ; R: 22 - 34 - 48/22 - 50/53 S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C; R34; R22; R48/22 >=10%Conc<25%; C; R34; R48/22 >=5%Conc<10%; Xi; R36/38									
	Mixture of dodecyl N-(2,2,6,6-tetramethylpiperidin-4-yl)-beta-alaninate and tetradecyl N-(2,2,6,6-tetramethylpiperidin-4-yl)-beta-alaninate	Xn; R22-48/22 C; R34 N; R50-53			Eu	-	-	-	-	-	-	-	-
	Mixture of dodecyl 1-methyl-1-oxo-poly-(2-hydroxymethyl)ethanoxyl)pentadecane and dodecyl 1-methyl-1-oxo-poly-(2-hydroxymethyl)ethanoxyl)heptadecane	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of dodecylphenyl dodecylhydroxybenzenecarboxylate and bis(dodecylphenyl)dodecyl hydroxybenzenedicarboxylate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of endo-2-methyl-exo-3-methyl-exo-2-[(exo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane and exo-2-methyl-exo-3-methyl-endo-2-[(endo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane	Xi; R38-41 N; R50-53	Xi; N R: 38-41-50/53 S: (2)23-26-37/39-57-60-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			E F: R11 R: 2-11-53 S: (2)33-35-40-61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of ethyl (2R,3R)-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate and ethyl (2S,3S)-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate	R43 N; R51-53	Xi; N R: 43-51/53 S: (2-)23-25-36/37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-(n)-dodecylphenol, isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-(n)-tetraicosylphenol and isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-5,6-didodecyl-phenol. n=5 or 6	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of isomers of alpha-((dimethyl)bi(phenyl))-omega-hydroxypoly(oxyethylene)	Xn; R22 R52-53	Xn ; R: 22 - 52/53, S: (2) - 39 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Mixture of isomers of dibenzylbenzene, dibenzyl(methyl)benzene, dibenzyl(dimethyl)benzene and dibenzyl(trimethyl)benzene	N; R50-53	N ; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of isomers of iron (1:2) complexes of a mixture of isomers of 1,3-dihydroxy-4-[(5-phenylaminosulfonyl)-2-hydroxyphenylazo]-n-(5-amino-sulfonyl-2-hydroxyphenylazo)benzene (n=2,5,6) and isomers of 1,3-dihydroxy-4-[(5-phenylaminosulfonyl)-2-hydroxyphenylazo]-n-(4-nitro-2-sulfo(phenylamino)phenylazo)benzene (n=2,5,6)	R43 N; R51-53	Xi ; N ; R: 43 - 51/53 S: (2)22 - 24 - 37 - 61	Conc>=1%; Xi; R43		-	-	-	-	-	-	-	-
	Mixture of isomers of sodium [(2-hydroxyethyl)sulfamoyl]([2-(2-piperazin-1-yl)ethylamino)ethylsulfamoyl]([2-(4-aminoethoxy)piperazine-1-yl)ethylsulfamoyl]([sulfamoyl])(sulfonatophthalocyaninato)copper(II)	Xi; R41	Xi R: 41 S: (2-)26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of isomers of sodium phenethylnaphthalenesulfonate and sodium naphthylethylbenzenesulfonate	Xi; R41 R43 R52-53	Xi ; R: 41 - 43 - 52/53, S: (2) - 24 - 26 - 37/39 - 61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of isomers of: methyl(diphenyl)methane and dimethyldiphenylmethane	Xi; R38 R50-53	Xi; N N; R: 38-50/53 S: (2-)37-60-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
	Mixture of methyl 1,4-dimethylcyclohexanecarboxylate ("para-isomer" including cis- and trans-isomers) and methyl 1,3-dimethylcyclohexanecarboxylate ("meta-isomer" including cis- and trans-isomers)	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of methyl 3-((1E)-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and methyl 3-((1Z)-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate (20:80)	R43 N; R51-53	Xi; N R: 43-51/53 S: (2-)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of mono- and di-glycerols of canola oil and canola oil acid amide of branched 1,3-propanediamine,N-[3-(tridecyloxy)-propyl] and N,N-diorgano dithiocarbamate molybdenum complex	R43 N; R51-53	Xi; N R: 43-51/53 S: (2-)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of mono to tetra(lithium and/or sodium)3- amino-10-[4-(4-amino-3-sulfonatoanilino)-6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2-ylamino]-6-[13-dichlorobenzol[1,2-B:4,5-B']di[1,4]benzoxazine-4,1,1-disulfonate and mono to tetra(lithium and/or sodium)3- amino-10-[4,6-bis(4-amino-3-sulfonatoanilino)-1,3,5-triazin-2-ylamino]-6-[13-dichlorobenzol[1,2-B:4,5-B']di[1,4]benzoxazine-4,1,1-disulfonate and mono to penta(lithium and/or sodium)10,10-diamino-6,6',13,13'-tetrachloro-3,3'-[6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-dyldimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,1,1-disulfonate and mono to hepta(lithium and/or sodium)10-amino-6,6',13,13'-tetrachloro-10[4-(4-amino-3-sulfonatoanilino)-[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-dimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,1,1-disulfonate and mono to hepta(lithium and/or sodium)10,10'-diamino-6,6',3,3'[(2-sulfonato)-1,4-phenylenedimino]bis[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-dyldimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,1,1-disulfonate	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of N-(3-(trimethoxysilyl)propyl)ethylenediamine and N-benzyl-N-(3-(trimethoxysilyl)propyl)ethylenediamine and N-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine and N,N'-bis-benzyl-N-[3-(trimethoxysilyl)propyl]ethylenediamine and N,N,N'-tris-benzyl-N-[3-(trimethoxysilyl)propyl]ethylenediamine and N,N-bis-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	R10 Xi; R20/21/22-68/20/21/22 Xi; R41 R43 R52-53	Xn R: 10-20/21/22-41-43-68/20/21/22-52/53 S: (2)-26-36/37/39-61	Conc>=25%; Xn; R20/21/22; R68/20/21/22; R41; R43 >=10%Conc<25%; Xn; R68/20/21/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of N,N'-(methylene)di-4,1-phenylene[bis[N'-phenylurea] and N-(4-[[4-[[[phenylamino]carbonyl]amino]phenylmethyl]phenyl]-N'-cyclohexylurea and N,N''-(methylene)di-4,1-phenylene[bis[N'-cyclohexylurea]	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of N,N-di(hydrogenated alkyl C14-C18)phthalamic acid and dihydrogenated alkyl (C14-C18)amine	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of N,N'-ethane-1,2-diy[bis(hexanamide) and 12-hydroxy-N-[2-[(1'-oxyhexyl)aminomethyl]bottadecanamide and N,N'-ethane-1,2-diy[bis(12-hydroxyoctadecanamide)	R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of N-[3-hydroxy-2-(2-methylacryloyl)aminomethoxy]propoxymethyl]-2-methylacrylamide, N-[2,3-bis-(2-methylacryloyl)aminomethoxy]propoxymethyl]-2-methylacrylamide, methacrylamide, 2-methyl-N-(2-methylacryloyl)aminomethoxymethyl]-acrylamide and N-(2,3-dihydroxypropoxymethyl)-2-methylacrylamide	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn; R48/22	T: R: 45 - 48/22 S: 53 - 45	Conc>=10%; T; R45; R68; R48/22 >=1%Conc<10%; T; R45; R68 >=0,1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
	Mixture of N-aminoethylpiperazonium mono-2,4,6-trimethyl/nonyldiphenyl ether di-sulfonate and N-aminoethylpiperazonium di-2,4,6-trimethyl/nonyldiphenyl ether di-sulfonate	Xi; R41 R43 N; R51-53	Xi; N: R: 41 - 43 - 51/53, S: (2) - 26 - 36/37/39 - 61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of n-octadecylaminodiethyl bis(hydrogenmaleat) and n-octadecylaminodiethyl hydrogen maleate hydrogenphthalate	Xi: R43 N: R51-53	Xi; N; R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of O,O',O",O"-silanetetrayl tetrakis(4-methyl-2-pentanone oxime) (3 stereoisomers)	Xi: R41	Xi R: 41 S: (2) 26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of O,O',O"- (methylsilanetriyl)tris(4-methyl-2-pentanone oxime) (3 stereoisomers)	Xn: R48/22 R53	Xn R: 48/22-53 S: 2:36-61	Conc>=10%; Xn: R48/22	Eu	-	-	-	-	-	-	-	-
	Mixture of O,O'-diisopropyl (pentathio)dithioformate and O,O'-disopropyl (tetraathio)dithioformate and O,O'-disopropyl (trithio)dithioformate	Xn: R22 Xi: R38 R43 N: R50-53	Xn; N; R: 22 - 38 - 43 - 50/53 , S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn: R22; R38; R43 >=20%Conc<25%; Xi: R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of pentaerythritol tetraesters with heptanoic acid and 2-ethylhexanoic acid	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of pentasodium 2-[[8-[[4-chloro-6-[[4-(2-sulfonato ethylsulfonyl)]phenylamino]-1,3,5-triazin-2-yl]amino-1- hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate and 2-[[8-[[4-chloro-6-[[4-[[2-ethenylsulfonyl]phenylamino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate	Xi: R41 R43	Xi R: 41-43 S: (2) 22-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of pentasodium 3-(4-(4-(7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenylazo)phenylazo)-1-hydroxy-3-sulfonatophthalen-2-ylazo)-2-sulfonatophenylamino)phenylazo)-4-hydroxy-6-(2-oxo-1-phenylcarbonylpropyl)azophthalene-2-sulfonate and pentasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-(4-(4-(7-(2,4-diamino-5-sulfonatophenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azophenyl)amino)-2-sulfonatophenylazo)-4-hydroxynaphthalene-2-sulfonate and pentasodium 6-((2,4-diamino-5-sulfonato-3-((4-sulfonatophenylazo)phenyl)azo)-3-((4-((4-(1,7-dihydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate and hexasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-(4-(4-(7-(2,4-diamino-5-sulfonato-3-((4-sulfonatophenylazo)phenyl)azo)-3-((4-sulfonatophenylazo)phenyl)azo)-1-hydroxy-3-sulfonatophenylazo)phenyl)azo)-2-sulfonatophenylamino)phenylazo)-4-hydroxynaphthalene-2-sulfonate	N: R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of pentasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]naphthalene-2,7-disulfonate and tetrasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and tetrasodium 4-amino-5-hydroxy-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-3-[(E)-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and trisodium 4-amino-5-hydroxy-3-[(2-hydroxyethylsulfonyl)-phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[2-sulfonato-4-(2-hydroxyethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate	Xi: R41 R43 R52-53	Xi R: 41-43-52/53 S: (2-)24-26-37/39-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of pentasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]naphthalene-2,7-disulfonate and tetrasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and tetrasodium 4-amino-5-hydroxy-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-3-[(E)-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and trisodium 4-amino-5-hydroxy-3-[(2-hydroxyethylsulfonyl)-phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate and trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[2-sulfonato-4-(2-hydroxyethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate	Xi: R41 R43 R52-53	Xi R: 41-52/53 S: (2-)26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of pentasodium 7-amino-3-[4-[4-[4-(6-amino-1-hydroxy-3-sulfonato-2-naphthylazo)-7-sulfonato-1-naphthylazo]phenylamino]-3-sulfonatophenylazo]-6-sulfonato-1-naphthylazo]-4-hydroxynaphthalen-2-sulfonate and pentasodium 7-amino-8-[4-[4-[4-(2-amino-5-hydroxy-7-sulfonato-naphthalen-1-ylazo)-7-sulfonatophthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate and pentasodium 7-amino-8-[4-[4-[4-(6-amino-1-hydroxy-3-sulfonato-naphthalen-1-ylazo)-7-sulfonatophthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate and tetrasodium 7-amino-4-hydroxy-3-[4-[4-(4-hydroxy-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate and tetrasodium 7-amino-4-hydroxy-3-[4-[4-(4-amino-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-22-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of pentasodium bis(1-(3(or 5)-(4-anilino-3-sulfonatophenylazo)-4-hydroxy-2-oxidophenylazo)-6-nitro-4-sulfonato-2-naphtholato)ferrate(1-) and pentasodium [(1-(3-(4-anilino-3-sulfonatophenylazo)-4-hydroxy-2-oxidophenylazo)-6-nitro-4-sulfonato-2-naphtholato)-(5-(4-anilino-3-sulfonatophenylazo)-4-hydroxy-2-oxidophenylazo)-6-nitro-4-sulfonato-2-naphtholato)ferrate(1-)]	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of potassium N-[3-(dimethyloxidamino)propyl]-1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane sulfonamide and N-[3-(dimethyloxidamino)propyl]-1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane sulfonamide	Xn; R48/22	Xn R: 48/22 S: (2)-22-36	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
	Mixture of potassium o-toluenephosphonate and potassium m-toluenephosphonate and potassium p-toluenephosphonate	Xi; R36 R43 R52-53	Xi R: 36-43-52/53 S: (2)-24-26-37-61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of sec-butylphenyl(phenyl)methane, mixed isomers and 1-(sec-butylphenyl(phenyl)-2-phenylethane, mixed isomers and 1-(sec-butylphenyl-1-phenylethane, mixed isomers	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
	Mixture of sodium 2-(C12-18-n-alkyl)amino-1,4-bulandiolate and sodium 2-octadeceny-amino-1,4-bulandiolate	R43	Xi ; R: 43 S: (2)24 - 26 - 37/39	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of sodium 2-amino-4-(2,6-difluoropyrimidin-4-ylamino)benzenesulfonate and sodium 2-amino-4-(4,6-difluoropyrimidin-4-ylamino)benzenesulfonate	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of sodium 4,5-dihydro-2-[(propanoato)(C6-18alkyl)-3H-imidazolium-N-ethylphosphate and disodium 4,5-dihydro-2-[(di(propanoato)(C6-18alkyl)-3H-imidazolium-N-ethylphosphate	Xi; R41 R43	Xi R: 41-43 S: (2)-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of sodium/potassium 3-(4-(5-(5-chloro-2,6-difluoropyrimidin-4-ylamino)-2-methoxy-3-sulfonatophenylazo)-2-oxido)phenylazo)-2,5,7-trisulfonato-4-naphtholato)copper(II) and sodium/potassium 3-(4-(5-(5-chloro-4,6-difluoropyrimidin-2-ylamino)-2-methoxy-3-sulfonatophenylazo)-2-oxido)phenylazo)-2,5,7-trisulfonato-4-naphtholato)copper(II)	R43	Xi ; R: 43 S: (2)22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of substituted dodecyl and/or tetradecyl diphenyl ethers. The substance is produced by the Friedel Crafts reaction. The catalyst is removed from the reaction product. Diphenyl ether is substituted by C1-C10 alkyl groups. The alkyl groups are bonded randomly between C1 and C6. Linear C12 and C14, 50/50 used.	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of succinic acid and monopersuccinic acid and dipersuccinic acid and monomethyl ester of succinic acid and dimethyl succinate and glutaric acid and monoperglutaric acid and diperglutaric acid and monomethyl ester of glutaric acid and monomethyl ester of perglutaric acid and dimethyl glutarate and adipic acid and monoperadipic acid and dimeradipic acid and monomethyl ester of adipic acid and monomethyl ester of peradipic acid and dimethyl adipate and hydrogen peroxide and methanol and water	Multa. Cat. 3; R68 C: R34 Xn: R20/21/22	C R: 20/21/22-34-68 S: (1/2)-26-28-36/37/39-45	Conc>=25%; C; R68; R34; R20/21/22 >=10%Conc<25%; C; R68; R34 >=5%Conc<10%; Xn; R68; R36/38 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-	-
	Mixture of tetradecanoic acid and poly(1-7)lactate ester of tetradecanoic acid	Xi: R38 Xi: R41 R43 N: R51-53	Xi ; N ; R: 38 - 41 - 43 - 51/53 , S: (2) - 24 - 26 - 37/39 - 61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of tetrasodium 3-(1,5-disulfonatonaphthalene-2-ylazo)-4-hydroxy-7-(4-chloro-6-(4-(2-sulfoxyethylsulfonyl)phenylamino)-1,3,5-triazine-2-ylamino)naphthalene-2-sulfonate and 3-(2,5-disulfo)phenylazo)-4-hydroxy-7-(4-chloro-6-(4-(2-sulfoxyethylsulfonyl)phenylamino)-1,3,5-triazine-2-ylamino)naphthalene-2-sulfonic acid, sodium salt	Xi: R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of tetrasodium 4-amino-6-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(sulfo)ethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate and tetrasodium 4-amino-6-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(2-sulfo)ethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of tetrasodium 7-(4-(4-fluoro-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate and tetrasodium 7-(4-(4-hydroxy-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate	R52-53	R: 52/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
	Mixture of tetrasodium phosphonoethane-1,2-dicarboxylate and hexasodium phosphonobutane-1,2,3,4-tetracarboxylate	R43 N: R51-53	Xi ; N ; R: 43 - 51/53 S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of thiobis(4-(1-phenylene)-S,S,S',S'-tetraphenyl-disulfoniumbis(2,6-fluorophosphate and diphenyl(4-phenylthiophenyl)sulfonium hexafluorophosphate	Xi; R41 N; R50-53	Xi; N; R: 41 - 50/53 , S: (2) - 15 - 26 - 39 - 60 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of trans-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8-tetramethyl-naphthalene-2-yl)-1,3-dioxolane and cis-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-naphthalene-2-yl)-1,3-dioxolane	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	Mixture of trans-trans-cyclohexadeca-1,9-diene and cis-trans-cyclohexadeca-1,9-diene	Xi; R38 R43 R53	Xi R: 38-43-53 S: (2)-(24)-37-61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of triammonium 6-amino-3-((2,5-diethoxy-4-(3-phosphonophenyl)azo)phenyl)azo-4-hydroxy-2-naphthalenesulfonate and diammonium 3-((4-(7-amino-1-hydroxy-3-sulfo-naphthalen-2-yl)azo)-2,5-diethoxyphenyl)azo)benzoate	E; R2 Repr. Cat. 3; R62 Xn; R22-48/22 R52-53	E; Xn R: 2-22-48/22-62-52/53 S: (2)-22-35-36/37-61	Conc>=25%; Xn; R62; R22; R48/22 >=10%Conc<25%; Xn; R62; R48/22 >=5%Conc<10%; Xn; R62	Eu	-	-	-	-	-	-	-	-
	Mixture of trihexadecylmethylammonium chloride; dihexadecyldimethylammonium chloride	Xi; R41 N; R50-53	Xi; N R: 41 - 50/53 S: (2)-26 - 39 - 60 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of trihexyl citrate and dihexyloctyl citrate and dioctylhexyl citrate and dihexyldecyl citrate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of trilitium 4-amino-3-(4-((4-(2-amino-4-hydroxyphenyl)azo)phenyl)amino)-3-sulfo(phenyl)azo)-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulfonate and trilitium 4-amino-3-(4-((4-(4-amino-2-hydroxyphenyl)azo)phenyl)amino)-3-sulfo(phenyl)azo)-Xi; R41	Xn; R22 R52-53	Xn; R: 22 - 41 - 52/53 S: (2)-22 - 26 - 39 - 61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of triocetylphosphineoxide and hexyldioctylphosphineoxide and dihexyloctylphosphineoxide	C; R34 N; R50-53	C; N; R: 34 - 50/53 , S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Mixture of tri-p-tolyltin hydroxide and hexa-p-tolyl-distannoxane	T; R48/25 Xn; R22 Xi; R38-41 R43 N; R50-53	T; N R: 22-38-41-43-48/25-50/53 S: (1/2)-22-26-36-37/39-45-60-61	Conc>=25%; T; R48/25; R22; R38; R41; R43 >=20%Conc<25%; T; R48/25; R38; R41; R43 >=10%Conc<20%; T; R48/25; R41; R43 >=5%Conc<10%; Xn; R48/22; R36; R43 >=1%Conc<5%; Xn; R48/22; R43	Eu,A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
	Mixture of trisodium 2-((1-(2-hydroxy-kappa-O-5-(2-sulfonatoethansulfonyl)phenylazo-kappa-N2)-1-phenylmethyl)azo-kappa-N1)-4-sulfonatobenzoate(5->kappa-O)cuprate(II) and disodium 2-((1-(5-ethenesulfonyl-2-hydroxy-kappa-O-phenylazo-kappa-N2)-1-phenylmethyl)azo-kappa-N1)-4-sulfonatobenzoate-kappa-O-(5->)cuprate(II)	R52-53	R: 52/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
	Mixture of trisodium 2-(2-[alpha-(2-carboxylato-kappa-O-4-sulfonatophenyl)azobenzylidene]hydrazino-kappa-N')-6-(2,6-difluoropyrimidin-4-ylamino)-4-sulfonatophenolotocuprate (II) and trisodium 2-(2-[alpha-(2-carboxylato-kappa-O-4-sulfonatophenyl)azobenzylidene]hydrazino-kappa-N')-6-(4,6-difluoropyrimidin-2-ylamino)-4-sulfonatophenolotocuprate (II)	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of trisodium 3-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate and trisodium 3-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-22-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of trisodium 5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(2-sulfoxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate and disodium 3-(4-ethenesulfonylphenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxynaphthalene-2,7-disulfonate	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of trisodium 5-(4-chloro-6-[N-ethyl-(3-(2-sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate and trisodium 5-(4-chloro-6-[N-ethyl-(3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(2-sulfonatooxy)ethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate and disodium 5-(4-chloro-6-[N-ethyl-(3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate and tetrasodium 5-(4-chloro-6-[N-ethyl-3-(2-(sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-3-(4-(2-sulfonatooxy)ethylsulfonyl)phenylazo)-4-hydroxynaphthalene-2,7-disulfonate	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-22-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: ((Z)-3,7-dimethyl-2,6-octadienyl)oxycarbonylpropanoic acid and di-(E)-3,7-dimethyl-2,6-octadienyl) butandioate and di-((Z)-3,7-dimethyl-2,6-octadienyl) butandioate and ((E)-3,7-dimethyl-2,6-octadienyl) butandioate and ((E)-3,7-dimethyl-2,6-octadienyl)oxycarbonylpropanoic acid	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: (3R)-[1S;-(1alpha, 2alpha, 6beta)-(2S)-methyl-1-oxo-butoxy]-8alpha,gamma,hexahydro-2,6-dimethyl-1-naphthalene]-3,5-dihydroxyheptanoic acid inert biomass from Aspergillus terreus	R43 R 52-53	Xi R: 43-52/53 S: (2)-36/37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: 1-((1H,1H,2H,2H-tridecafluorooctyl)-12-((1H,1H,2H,2H-tridecafluorooctyl)dodecanedioate and 1-((1H,1H,2H,2H-tridecafluorooctyl)-12-((1H,1H,2H,2H-heptadecafluorooctyl)dodecanedioate and 1-heptadecafluorooctyl)dodecanedioate and 1-((1H,1H,2H,2H-tridecafluorooctyl)-12-((1H,1H,2H,2H-heptadecafluorooctyl)dodecanedioate and 1-pentacosaflluoroctetradecyl)dodecanedioate and 1-((1H,1H,2H,2H-heptadecafluorooctyl)-12-((1H,1H,2H,2H-heptadecafluorooctyl)dodecanedioate and 1-heptadecafluorooctyl)dodecanedioate and 1-((1H,1H,2H,2H-heptadecafluorooctyl)-12-((1H,1H,2H,2H-heptadecafluorooctyl)dodecanedioate	Xn R: 48/22 S: (2)-36	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of: 1,1,1-tris(phenyl-4'-(3'-dialzo-3'',4''-dihydro-4-oxo-naphthalene-1'-sulfonato)ethane; 1,1,1-tris(phenyl-4'-(6''-dialzo-5'',6''-dihydro-5''-oxo-naphthalene-1''-sulfonato)ethane; reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-dialzo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-dialzo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (2:1); and reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-dialzo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-dialzo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (1:2)	F: R11 R53	F Rt: 11-53 S: (2-3)-12-33-61	Eu	-	-	-	-	-	-	-	-	-
	Mixture of: 1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione and a mixture of oligomers of 3,5-bis(3-aminomethylphenyl)-1-poly[3,5-bis(3-aminomethylphenyl)-2,4,6-trioxo-1,3,5-(1H,3H,5H)-triazin-1-yl]-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione	R43 R53	T R 52- S: 53-45-61	Conc>=1%; T: R45, R61 : R43 >=0.5%Conc<1%; T: R45, R61 >=0.1%Conc<0.5%; T: R45	Eu	-	-	-	-	-	-	-	-
	Mixture of: 1-methyl-3-hydroxypropyl 3,5-[1,1-dimethylethyl]-4-hydroxydihydro-cinnamate and/or 3-hydroxybutyl 3,5-[1,1-dimethylethyl]-4-hydroxydihydrocinnamate and 1,3-butanediol bis[3-(3'-(1,1-dimethylethyl)-4'-hydroxy-phenyl)propionate] isomers and 1,3-butanediol bis[3-(3'5'-(1,1-dimethylethyl)-4'-hydroxyphenyl)propionate] isomers	N: R51-53	N Rt: 51/63 S: 61	Eu	-	-	-	-	-	-	-	-	-
	Mixture of: 2,2',2'',2'''-(ethylenedinitrilotetrakis-N,N-di(C16) alkylacetamide; 2,2',2'',2'''-(ethylenedinitrilotetrakis-N,N-di(C18) alkylacetamide	R43	Xi R: 43 S: (2)24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: 2,2'-[[[2-hydroxyethyl]iminol]bis(methylene)bis[4-dodecylphenol] formaldehyde, oligomer with 4-dodecyl phenol and 2-aminoethanol(n = 2) formaldehyde, oligomer with 4-dodecyl phenol and 2- Xi: R38-41 aminoethanol(n = 3, 4 and higher)	Ni: R50-53	Xi; N Rt: 38-41-50/53 S: (2-)26-37/39-60-61	Conc>=20%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: 2,2-dimethoxyethanal (Note: this component is considered to be anhydrous in terms of identity, structure and composition. However, 2,2-dimethoxyethanal will exist in a hydrated form, 60% anhydrous is equivalent to 70.4% hydrate) water(Including free water and water in hydrated 2,2-dimethoxyethanal)	R43	Xi R: 43 S: (2-)24-37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: 2,4-bis(N'-(4-methylphenyl)-ureido)-toluene; 2,6-bis(N'-(4-methylphenyl)-ureido)-toluene	R53	R: 53 S: 61	Eu	-	-	-	-	-	-	-	-	-
	Mixture of: 2-ethyl[2,6-dibromo-4-[1-[3,5-dibromo-4-(2-hydroxyethoxy)phenyl]-1-methylethyl]phenoxy]propenoate and 2,2-diethyl-[4,4'-bis(2,6-dibromophenoxy)-1-methylethylidene] dipropenoate and 2,2'-[(1-methylethylidene)bis[2,6-dibromo-4,1-phenyleneoxy]ethanol]]	N: R51-53	N Rt: 51/63 S: 61	Eu	-	-	-	-	-	-	-	-	-
	Mixture of: 2-ethylhexyl mono-D-glucopyranoside and 2-ethylhexyl di-D-glucopyranoside	Xi: R41	Xi R: 41 S: (2-)26-39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of: 4-(2,2,3-trimethylcyclopent-3-en-1-yl)-1-methyl-2-oxabicyclo[2,2,2]octane and 1-(2,2,3-trimethylcyclopent-3-en-1-yl)-5-methyl-6-oxabicyclo[3,2,1]octane and spiro[cyclohex-3-en-1-yl-[4,5,6,6a-tetrahydro-3,6',6'a-tetramethyl]-1,3'(3aH)-[2H]cyclopentalb]furan] and spiro[cyclohex-3-en-1-yl-[4,5,6,6a-tetrahydro-4,6',6'a-tetramethyl]-1,3'(3aH)-[2H]cyclopentalb]furan]	Ni; R36/38 R51-53 Xi; R36/38	Ni; R: 36/38-51/53 S: (2-26-37-61	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Mixture of: 4,4',4''-[(2,4,6-trioxo-1,3,5(2H,4H,6H)-triazine-1,3,5-tryl)]tris(methylene(3,5,5-trimethyl-3,1-cyclohexanediyl)liminocarbonyloxy-2,1'-ethanediyl(ethyl)amino)]tris(benzenediazoniumtrifluoromethylpropyl)naphthalenesulfonate] and 4,4',4''-[[5,5'-[carbonylbis(imino(1,5,5-trimethyl-3,1-cyclohexanediyl)methylene)]2,4,6-trioxo-1,3,5(2H,4H,6H)-triazine-1,1',3,3'-tetrayl]tetraakis(methylene(3,5,5-trimethyl-3,1-cyclohexanediyl)liminocarbonyloxy-2,1'-ethanediyl(ethyl)amino)]tetrakis(benzenediazoniumtrifluoromethylpropyl)naphthalenesulfonate]	E; R2 R43 N; R50-53	E; Xi; N R: 2,43-50/53 S: (2-24-35-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: 5-(N-methylperfluorooctylsulfonamido)methyl-3-octadecyl-1,3-oxazolidin-2-one and 5-(N-methylperfluoroheptylsulfonamido)methyl-3-octadecyl-1,3-oxazolidin-2-one	Xn; N R: 48/22-50/53 N; R50-53	Xn; N R: 48/22-50/53 S: (2-36-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
	Mixture of: alpha-[3-(3-mercaptopropanoxy)carbonylamino]methylphenylaminocarbonyl]-omega-[3-(3-mercaptopropanoxy)carbonylamino]methylphenylaminocarbonyloxy]-poly-(oxyethylene-co-oxypropylene) and 1,2-(or 1,3)-bis[alpha-(3-mercaptopropanoxy)carbonylamino]methylphenylaminocarbonyl]-omega-oxy-poly(oxyethylene-co-oxypropylene)]-3-(or 2-propanol and 1,2,3-tris[alpha-(3-mercaptopropanoxy)carbonylamino]methylphenylaminocarbonyl)-omega-oxy-poly-(oxyethylene-co-oxypropylene)]propane]	N; R51-53 R43	Xi; N R: 43-51/53 S: (2-36/37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: ammonium-1,2-bis(hexyloxy)carbonyl)ethanesulfonate and ammonium-1-hexyloxy)carbonyl-2-octyloxy)carbonyl)ethane sulfonate and ammonium-2-hexyloxy)carbonyl-1-octyloxy)carbonyl)ethanesulfonate	Xi; R38-41 R 52-53	Xi R: 38-41-52/53 S: (2-26-37/39-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: bis(1S,2S,4S)-(1-benzyl-4-tert-butyl)oxycarbonyl-2-hydroxy-5-phenyl) and pentylammonium succinate and isopropyl alcohol	Xn; R48/22 Xi; R41 N; R50-53	Xn; N R: 41-48/22-50/53 S: (2-22-26-36/39-60-61	Conc>=10%; Xn; R48/22; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: dicalcium (bis(2-hydroxy-5-tetra-propenylphenylmethyl)methylamine)dihydroxide and tri-calcium (tris(2-hydroxy-5-tetra-propenylphenylmethyl)methylamine)tri-hydroxide and poly[calcium ((2-hydroxy-5-tetra-propenyl-phenylmethyl)methylamine)hydroxide]	Xi; R36/38 R43	Xi R: 36/38-43 S: (2-24-26-37	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of: disodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-hydroxy-1-(4-sulfonatophenyl)pyrazol-4-yl)pent-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate and trisodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-oxido-1-(4-sulfonatophenyl)pyrazol-4-yl)pent-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate	Repr. Cat.2; R61 R52-53	T R: 61-52/53 S: 53-45-61	Conc>=0.5%; T; R61	Eu	-	-	-	-	-	-	-	-
	Mixture of: Disodium 6-[3-carboxy-4,5-dihydro-5-oxo-4-sulfonatophenyl]pyrazolin-4-yl-azo]-3-[2-oxido-4-(ethensulfonyl)-5-methoxyphenylazo]-4-oxidonaphthalene-2-sulfonate copper (II) complex and Disodium 6-[3-carboxy-4,5-dihydro-5-oxo-4-sulfonatophenyl]pyrazolin-4-yl-azo]-3-[2-oxido-4-(2-hydroxyethylsulfonyl)-5-methoxyphenylazo]-4-oxidonaphthalene-2-sulfonate copper (II) complex	Xi; R41 R51-53	Ni; R: 41-51/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: monosodium 4-((4-(5-sulfonato-2-methoxyphenylamino)-6-chloro-1,3,5-triazine-2-yl)amino)-2-((1,4-dimethyl-6-oxido-2-oxo-5-sulfonatomethyl)-1,2-dihydropyridine-3-yl)azo)benzenesulfonate and disodium 4-((4-(5-sulfonato-2-methoxyphenylamino)-6-chloro-1,3,5-triazine-2-yl)amino)-2-((1,4-dimethyl-6-oxido-2-oxo-5-sulfonatomethyl)-1,2-dihydropyridine-3-yl)azo)benzenesulfonate and trisodium 4-((4-(5-sulfonato-2-methoxyphenylamino)-6-chloro-1,3,5-triazine-2-yl)amino)-2-((1,4-dimethyl-6-oxido-2-oxo-5-sulfonatomethyl)-1,2-dihydropyridine-3-yl)azo)benzenesulfonate and tetrasodium 4-((4-(5-sulfonato-2-methoxyphenylamino)-6-chloro-1,3,5-triazine-2-yl)amino)-2-((1,4-dimethyl-6-oxido-2-oxo-5-sulfonatomethyl)-1,2-dihydropyridine-3-yl)azo)benzenesulfonate	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: N-(3-dimethylamino-4-methyl-phenyl)-benzamide and N-(3-dimethylamino-2-methyl-phenyl)-benzamide and N-(3-dimethylamino-3-methyl-phenyl)-benzamide	R48/22 N; R51-53	Xn; N R: 48/22-51/53 S: (2)-36/37-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
	Mixture of: N,N'-Ethane-1,2-diylbis(decanamide) and 12-Hydroxy-N-[2-[1'-oxydecyl]amino]ethyl]octadecanamide and N,N'-Ethane-1,2-diylbis(12-hydroxyoctadecanamide)	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: pentasodium 2-[4-(3-methyl-4-[6-sulfonato-4-(2-sulfonato-phenylazo)-naphthalen-1-ylazo]-phenylamino)-6-[3-(2-sulfato-thanesulfonyl)-phenylamino]-1,3,5-triazin-2-ylamino]-benzene-1,4-disulfonate and pentasodium 2-[4-(3-methyl-4-[7-sulfonato-4-(2-sulfonato-henylazo)-naphthalen-1-ylazo]-phenylamino)-6-[3-(2-sulfatoethanesulfonyl)-phenylamino]-1,3,5-triazin-2-ylamino]-benzene-1,4-disulfonate	R 52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Mixture of: phenol, 6-(1,1-dimethylethyl)-4-tetrapropyl-2-[(2-hydroxy-5-tetra-propylphenyl)methyl] (C41-compound) and methane, 2,2-bis[6-(1,1-dimethylethyl)-1-hydroxy-4-tetrapropyl-phenyl]- (C45-compound); 2,6-bis[(1,1-dimethylethyl)-4-tetra-propyl-phen	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of: phenyl 1-(1-[2-chloro-5-(hexadecyloxy)carbonyl]phenylcarbamoyl)-3,3-dimethyl-2-oxobutyl)-1H-2,3,3a,7a-tetrahydrobenzotriazole-5-carboxylate and phenyl 2-(1-(2-chloro-5-(hexadecyloxy)carbonyl]phenylcarbamoyl)-3,3-dimethyl-2-oxobutyl)-1H-2,3,3a,7a-tetrahydrobenzotriazole-5-carboxylate and phenyl 3-(1-(2-chloro-5-(hexadecyloxy)carbonyl]phenylcarbamoyl)-3,3-dimethyl-2-oxobutyl)-1H-2,3,3a,7a-tetrahydrobenzotriazole-5-carboxylate	Ni; R51-53	N R: 51/53 S: 37/39-61		Eu	-	-	-	-	-	-	-	-
	Mixture of: reaction product of 4,4'-methylenebis[2-(4-hydroxybenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxo-naphthalenesulfonate (1:2) and reaction product of 4,4'-methylenebis[2-(4-hydroxybenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxo-naphthalenesulfonate (1:3)	F; R11 Carc. Cat.3; R40	F; Xn R: 11-40 S: (2-17)-36/37	Conc<=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
	Mixture of: sodium 1-tridecyl-4-allyl-(2 or 3)-sulfobutanedioate and sodium 1-odecyl-4allyl-(2 or 3)-sulfobutanedioate	C; R34 R43 N; R51-53	C; N R: 34-43-51/53 S: (1/2)-26-36/37/39-45-61	Conc<=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: sodium 5-[8-[4-[4-[4-(7-(3,5-dicarboxylatophenylazo)-8-hydroxy-3,6-disulfonatonaphthalen-1-ylamino]-6-hydroxy-1,3,5-triazin-2-yl]-2,5-dimethylpiperazin-1-yl]-6-hydroxy-1,3,5-triazin-2-ylamino]-1-hydroxy-3,6-disulfonatonaphthalen-2-ylazo]-isophthalate and ammonium 5-[8-[4-[4-[4-(7-(3,5-dicarboxylatophenylazo)-8-hydroxy-3,6-disulfonatonaphthalen-1-ylamino]-6-hydroxy-1,3,5-triazin-2-yl]-2,5-dimethylpiperazin-1-yl]-6-hydroxy-1,3,5-triazin-2-ylamino]-1-hydroxy-3,6-disulfonatonaphthalen-2-ylazo]-isophthalate and 5-[8-[4-[4-[4-(7-(3,5-dicarboxylatophenylazo)-8-hydroxy-3,6-disulfonatonaphthalen-1-ylamino]-6-hydroxy-1,3,5-triazin-2-yl]-2,5-dimethylpiperazin-1-yl]-6-hydroxy-1,3,5-triazin-2-ylamino]-1-hydroxy-3,6-disulfonatonaphthalen-2-ylazo]-isophthalic acid	Xi; R41	Xi R: 41 S: (2-122)-26-39	Conc<=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: tetrasodium(((2-hydroxyethyl)imino)bis(methylene)bisphosphonate, N-oxide and trisodium ((tetrahydro-2-hydroxy-4H-1,4,2-oxazaphosphorin-4-yl)-methyl)phosphonate, N-oxide, P-oxide	N; Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2-126)-39-61	Conc<=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: trans-2-(1-methylethyl)-1,3-dioxane-5-carboxylic acid and cis-2-(1-methylethyl)-1,3-dioxane-5-carboxylic acid	Xi; R41 R52-53	Xi R: 41-52/53 S: (2-125)-26-39-61	Conc<=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of: trisodium (2,4(or 2,6 or 4,6)-bis(3,5-dinitro-2-oxodiphenylazo)-5-hydroxyphenolato)(2(or 4or 6)-(3,5-dinitro-2-oxodiphenylazo)-5-hydroxy-4(or 2or 6)-(4-(4-nitro-2-sulfonatoanilino)phenylazo)phenolato)ferrate(1-) trisodium bis(2,4(or 2,6 or 4,6)-bis(3,5-dinitro-2-oxodiphenylazo)-5-hydroxyphenolato)ferrate(1-) and trisodium (2,4(or 2,6 or 4,6)-bis(3,5-dinitro-2-oxodiphenylazo)-5-hydroxyphenolato)(2(or 4 or 6)-(3,5-dinitro-2-oxodiphenylazo)-5-hydroxy-4(or 2 or 6)-(4-nitro-2-sulfonatophenylazo)phenolato)-ferrate(1-) and trisodium (2,4(or 2,6 or 4,6)-bis(3,5-dinitro-2-oxodiphenylazo)-5-hydroxyphenolato)(2(or 4 or 6)-(3,5-dinitro-2-oxodiphenylazo)-5-hydroxy-4(or 2 or 6)-(3-sulfonatophenylazo)phenolato)-ferrate(1-) and disodium 3,3'-(2,4-dihydroxy-1,3(or 1,5 or 3,5)-phenylene)diazobis(benzenesulfonate)	R43 R51-53	N; Xi: N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: tri-sodium [29H, 31H-phthalocyanine-C,C,C-trisulfonato (6-)-N29,N30,N31,N32] manganate (3-) and tetrasodium [29H,31H-phthalocyanine-C,C,C,C-tetrasulfonato (6-)-N29,N30,N31,N32], manganate (3-) and pentasodium [29H,31H-phthalocyanine-C,C,C,C-pentasulfonato (6-)-N29,N30,N31,N32] manganate (3-)	N; R50-53	N R: 50/63 S: 60-61		Eu	-	-	-	-	-	-	-	-
	Mixture of: Trisodium 4-benzoylamino-6-(6-ethenesulfonyl-1-sulfato-naphthalen-2-ylazo)-5-hydroxynaphthalene-2,7-disulfonate and 5-(benzoylamino)-4-hydroxy-3-((1-sulfo-6-((2-sulfooxyethyl)sulfonyl)-2-naphthyl)azo)naphthalene-2,7-disulfonic acid sodium salt and 5-(benzoylamino)-4-hydroxy-3-((1-sulfo-6-((2-sulfooxyethyl)sulfonyl)-2-naphthyl)azo)naphthalene-2,7-disulfonic acid	Xi: R41 R43 R52-53	Xi R: 41-43-52/53 S: 22-26-36/37/39-61	Conc>=10%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of: trisodium 5-(4-chloro-6-[2-(2,6-dichloro-5-cyanopyrimidin-4-ylamino)-propylamino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(1-sulfonatophthalene-2-ylazo)-naphthalene-2,7-disulfonate and trisodium 5-(4-chloro-6-[2-(2,6-dichloro-5-cyanopyrimidin-4-ylamino)-1-methyl-ethylamino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(1-sulfonatophthalene-2-ylazo)-naphthalene-2,7-disulfonate and trisodium 5-(4-chloro-6-[2-(4,6-dichloro-5-cyanopyrimidin-2-ylamino)-propylamino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(1-sulfonatophthalene-2-ylazo)-naphthalene-2,7-disulfonate and trisodium 5-(4-chloro-6-[2-(4,6-dichloro-5-cyanopyrimidin-2-ylamino)-1-methyl-ethylamino]-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(1-sulfonatophthalene-2-ylazo)-naphthalene-2,7-disulfonate	Xi: R41 R43	Xi R: 41-43 S: (2)-22-24-26-37/39	Conc>=10%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Mixture of:[2-(anthraquinon-1-ylamino)-6-[(5-benzoylamino)-anthraquinone-1-ylamino]4-phenyl]-1,3,5-triazine and 2,6-bis-[[5-benzoylamino)-anthraquinon-1-ylamino]4-phenyl]-1,3,5-triazine	Xn R: R48/22 R53	Xn R: 48/22-53 S: (2)-22-36-61	Conc>=10%; Xn: R48/22	Eu	-	-	-	-	-	-	-	-
	Mono-(tetrapropylammonium) hydrogen 2,2'-dithiobisbenzoate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mono[2-(dimethylamino)ethyl]monohydrogen-2-(hexadec-2-enyl)butanediolate and/or mono[2-(dimethylamino)ethyl]monohydrogen-3-(hexadec-2-enyl)butanediolate	Xi; R38-41 R43 N; R50-53	Xi; N R: 38-41-43-50/53 S: (2-24-26-37/39-60-61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Mono-2-[2-(4-dibenzotb.[1,4]thiazepin-11-yl)piperazinium-1-yl]ethoxy]ethanol trans-butanediolate	Xn; R22 R: R41 N; R51-53	Xn; N R: 22-41-51/53 S: (2-22-26-39-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Monolithium 5-[2,4-dihydroxy-5-[(2-hydroxy-3,5-dinitrophenyl)azophenyl]azo]-2-naphthalenesulfonate], iron complex, monohydrate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Monosodium 3-cyano-5-fluoro-6-hydroxypyridine-2-olate	R43	Xi S: (2-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Monosodium aqua-[5-[[2,4-dihydroxy-5-[(2-hydroxy-3,5-dinitrophenyl)azophenyl]azo]-2-naphthalenesulfonate], iron complex	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	n-(2-(6-Chloro-7-methylpyrazolo(1,5-b)-1,2,4-triazol-4-yl)propyl)-2-(2,4-di-tert-pentylphenoxy)octanamide	N; R50-53	N R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	N-(3,5-Dichloro-4-ethyl-2-hydroxyphenyl)-2-(3-pentadecylphenoxy)butanamide	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	N-(4-Dimethylaminopyridinium)-3-methoxy-4-(1-methyl-5-nitroindol-3-ylmethyl)-N-(o-tolylsulfonyl)benzamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	N,N'-N'-Tetramethyl-3,3'-(propylenebis(minocarbonyl-4,1-phenyleneazo(1,6-dihydro-2-hydroxy-4-methyl-6-oxopyridine-3,1-diy))di(propylammonium)dilactate	Xi; R41 R42 N; R50-53	Xn; N R: 41-42-50/53 S: (2-22-26-39-45-60-61	Conc>=10%; Xn; R41; R42 >=5%Conc<10%; Xn; R36; R42 >=1%Conc<5%; Xn; R42	Eu	-	-	-	-	-	-	-	-
	N,N,N'-Trimethyl-2,3-bis(stearoyloxy)propylammonium chloride	N; R51-53	N R: 51/53 S: 61	Xi; N; R: 41 - 51/53 , S: (2 - 26 - 39 - 61	Eu	-	-	-	-	-	-	-	-
	N,N-Bis(cocoyl-2-oxypropyl)-N,N-dibutylammonium bromide	C; R35 R43 N; R50-53	C; N R: 35-43-50/53 S: (1/2-26-28-36/37/39-45-60-61	Conc>=10%; C; R35; R43 >=5%Conc<10%; C; R34; R43 >=1%Conc<5%; Xi; R36/38; R43	Eu	-	-	-	-	-	-	-	-
	N,N-Di-[poly(oxyethylene)-co-poly(oxypropylene)]-4-[[3,5-dicyano-4-methyl-2-thienyl]azo]-3-methylaniline	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	N-[(Benzotriazole-1-yl)methyl]-4-carboxybenzenesulfonamide	Xi; R36 N; R51-53	Xi; N R: 36-51/53 S: (2-26-61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	N-[2-(3-Acetyl-5-nitrothiophen-2-ylazo)-5-diethylaminophenyl]acetamide	Repr. Cat. 3; R62 R43 N; R50-53	Xn; N R: 43-62-50/53 S: (2-22-36/37-60-61	Conc>=5%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	N-[2-Hydroxy-3-(C12-16-alkyloxy)propyl]-N-methyl glycinate	Xi; R41 R43	Xi R: 41-43 S: (2-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc< 10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	N-[Ethyl(3-methylbutyl)amino]-3-methyl-1-phenylspiro[[1]benzo-pyran(2,3-clpyrazole-4(1H),1'(3H)-isobenzofuran)]-3'-one	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	N-Hexadecyl(or octadecyl)-N-hexadecyl(or octadecyl)benzamide	Xi; R38 R43	Xi; R: 38 - 43, S: (2) - 24 - 37	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Nickel, soluble compounds			Nickel soluble compounds (as Ni)	A	-	0.1	-	-	-	-	Sen	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Nicotine, salts of	T+: R26/27/28 N: R51-53	T+: N ; R: 26/27/28 - 51/53, S: (1/2) - 13 - 28 - 45 - 61; Note: A	Conc>=7%; T+: R26/27/28 >=1%Conc<7%; T: R23/24/25 >=0,1%Conc<1%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
	Nitrioltriethyleneammonio propane-2-ol 2-ethylhexanoate	Xi: R36 R43	Xi R: 36-43 S: (2-)24-26-37	Conc>=20%; Xi: R36; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Nitroliuidines, with the exception of those specified elsewhere in HSIS	T: R23/24/25 R33 N: R51-53	T: N R: 23/24/25-33-51/53 S: (1/2-)28-36/37-45-61; Note: C	Conc>=25%; T: R23/24/25; R33 >=3%Conc<25%; Xn: R20/21/22; R33 >=1%Conc<3%; Xn: R33	Eu	-	-	-	-	-	-	-	-
	N-Methylbenzene-1,2-diammonium hydrogen phosphate	Xn: R22 R43 N: R51-53	Xn; N R: 22-43-51/53 S: (2-)22-25-36/37-61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	N-Methyl-N-cyanomethylmorpholiniummethylsulfate	Xn: R22 Xi: R41	Xn R: 22-41 S: (2-)22-26-39	Conc>=25%; Xn: R22; R41 >=10%Conc<25%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	n-Pentyl-isopentylphthalate (Note: see also CAS No. 131-18-0; 605-50-5 and 84777-06-0)	Repr. Cat. 2; R60-61 N: R50	T: N R: 60-61-50 S: 53-45-61	Conc>=0,5%; T: R60; R61 Conc>=25%; Xn: R62; R48/22	Eu	-	-	-	-	-	-	-	-
	O,O'-(Ethenylmethylsilylene)di[(4-methylpentan-2-one)oxime]	Repr.Cat.3; R62 Xn: R22-48/22	Xn R: 22-48/22-62 S: (2-)36/37	Conc>=25%; Xn: R62; R22; R48/22 >=10%Conc<25%; Xn: R62; R48/22 >=5%Conc<10%; Xn: R62	Eu	-	-	-	-	-	-	-	-
	O,O,O'-Tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate	N: R51-53	N ; R: 51/53 S: 61	Conc>=0,1%; T: R45	Eu	-	-	-	-	-	-	-	-
	Octasodium 2-(8-(4-chloro-6-(3-(4-chloro-6-(3,6-disulfonato-2-(1,5-disulfonatophthalen-2-ylazo)-1-hydroxynaphthalen-8-ylamino)-1,3,5-triazin-2-yl)aminomethyl)phenylamino)-1,3,5-triazin-2-ylazo)naphthalene-1,5-disulfonate												
	o-Dianilidine based azo dyes [4,4'-Diarylaazo-3,3'-dimethoxybiphenyl dyes, with the exception of those elsewhere specified]	Xi: R38-41	Xi ; R: 38 - 41 S: (2)22 - 26 - 37/39	Conc>=20%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
			T ; R: 45, S: 53 - 45 Notes: A, H	Conc>=0,1%; T: R45	Eu	-	-	-	-	-	-	-	-
	O-Hexyl-N-ethoxycarbonylthiocarbamate	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R22-48/22 R43 N: R51-53	T: N R: 45-46-22-43-48/22-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R45; R46; R22; R48/22; R43 >=10%Conc<25%; T: R45; R46; R48/22; R43 >=1%Conc<10%; T: R45; R46; R43 >=0,1%Conc<1%; T: R45; R46	Eu	-	-	-	-	-	-	-	-
	Oleum ... % SO3	R14 C: R35 Xi: R37	C ; R: 14 - 35 - 37 , S: (1/2) - 26 - 30 - 45; Note: B	Conc>=20%; C: R35; R37 >=10%Conc<20%; C: R35 >=5%Conc<10%; C: R34 >=1%Conc<5%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
	O'-Methyl-O-(1-methyl-2-methacryloyloxyethyl)1,2,3,6-tetrahydrophthalate	R52-53	R: 52/63 S: 61	Conc>=20%; C: R35, R37 >=10%Conc<20%; C: R35 >=5%Conc<10%; C: R34 >=1%Conc<5%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
	o-Tolidine based dyes [4,4'-Diarylaazo-3,3'-dimethylbiphenyl dyes, with the exception of those elsewhere specified]		T ; R: 45, S: 53 - 45; Notes: A, H	Conc>=0,1%; T: R45	Eu	-	-	-	-	-	-	-	-
	Papaverine , salt of	Xn: R22	Xn ; R: 22 , S: (2) - 22 ; Note: A	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
	Paraquat, salts of	T: R24/25 Xi: R36/37/38	T ; R: 24/25 - 36/37/38, S: (1/2) - 22 - 36/37/39 - 45 Note: A	Conc>=25%; T: R24/25; R36/37/38 >=20%Conc<25%; Xn: R21/22; R36/37/38 >=3%Conc<20%; Xn: R21/22	Eu	Paraquat (respirable sizes)	-	0.1	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Pentakis[3-(dimethylammonio)propylsulfamoyl]-(6-hydroxy-4,4,8-tetramethyl-4,8-diazonaundecane-1,11-diyl)disulfamoyl di(phthalocyaninecopper(II)) heptalactate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Pentapotassium 2-(4-{5-[1-(2,5-disulfonatophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-methyl-1,3-pentadienyl}-3-methylcarbamoyl-5-oxidopyrazol-1-yl)benzene-1,4-disulfonate	R43 R52-53	Xi R: 43-52/53 S: (2)-24-37-47-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Pentapotassium 2-(4-{5-[1-(2,5-disulfonatophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-(2-pyrrolidinone-1-yl)-1,3-pentadienyl}-3-methylcarbamoyl-5-oxopyrazol-1-yl)benzene-1,4-disulfonate	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
	Pentasodium 4-amino-6-(5-(4-(2-ethyl-phenylamino)-6-(2-sulfacetanesulfonyl)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(2-sulfacetanesulfonyl)phenylazo)naphthalene-2,7-disulfonate	R 5 R43	Xi; R41 R 52-53	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Pentasodium bis[7-[4-(1-butyl-5-cyano-1,2-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo)phenylsulfonylamino]-5-nitro-3,3'-disulfonatophthalene-2-azobenzene-1,2'-diolato]chromate (III)	Xi; R41 R 52-53	Xi R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Pentasodium monohydrogen 6-chloro-3,10-bis[2-[4-chloro-6-(2,4-disulfophenylamino)-1,3,5-triazin-2-ylamino]ethylamino]-13-ethylbenzo[5,6j[1,4]oxazino[2,3-Xi; R41 R43	Xi R: 41-43 S: (2)-22-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-	-
	Petrol (leaded & unleaded)	Carc. Cat. 2; R45. Xn; R65 Xi; R38	T ; R: 45 - 65 - 38	Conc>=20%; T; R45; R65; R38 >=10%Conc<20%; T; R45; R65 >=0,1%Conc<10%; T; R45	A, P	Petrol (gasoline)	-	900	-	-	-	-	(see Chapter 16)
	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with N1,N2-bis(2-aminoethyl)-1,2-ethanediamine, 2-(chloromethyl)oxirane, 2-[(methylphenoxy)methyl]oxirane and alpha, alpha', alpha"-1,2,3-propanetriyltris[omega-hydroxypoly[oxy(methyl-1,2-ethanedyl)]]	Xn; R22 Xi; R41	Xn R: 22-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
	Physostigmine, salts of	T+; R26/28	T+ ; R: 26/28 , S: (1/2) - 25 - 45 ; Note: A	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0,1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
	Picric acid, salts of	E; R3 T; R23/24/25	E ; T ; R: 3 - 23/24/25 , S: (1/2) - 28 - 35 - 37 - 45 ; Note: A	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
	Pilocarpine, salts of	T+; R26/28	T+ ; R: 26/28 , S: (1/2) - 25 - 45 ; Note: A	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0,1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
	Platinum(IV) nitrate/nitric acid solution	C; R35 N; R50-53	C; N R: 35-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu,A	Platinum, soluble salts (as Pt)	-	0.002	-	-	-	Sen	-
	Poly-(methyl methacrylate)-co-(butylmethacrylate)-co-(4-acryloxybutyl-isopropenyl-alpha, alpha-dimethylbenzyl carbamate)-co-(maleicanhydride)	F; R11 R43	F; Xi R: 11-43 S: (2)-24-37-43	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Poly(oxypropylenecarbonyl-co-oxy(ethylethylene(carbonyl), containing 27% hydroxyvalerate	Xi; R43	Xi ; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Polyethylenepolyamines with the exception of those specified elsewhere in HSIS	Xn: R21/22 C: R34 R43 N: R50-53	C: N R: 21/22-34-43-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; C: R34; R21/22; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Polymeric reaction product of bicyclo[2.2.1]hepta-2,5-diene, ethene, 1,4-hexadiene, 1-propene with N,N-di-2-propenylformamide	R43 R 53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Polyphosphoric acid, copper, sodium, magnesium, calcium, silver and zinc salt	N: R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
	Polyphosphoric acids, polymers with dihydro-3-(octadecen-1-yl)-2,5-furandione, ethylene glycol, ethylene oxide and 3-(hexadecen-1-yl) dihydro-2,5-furandione	Xi: R41	Xi R: 41	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
	Potassium 2,5-dichlorobenzoate	Xn: R22 Xi: R41	Xn R: 22-41 >26-39	Conc>=25%; Xn: R22; R41 S: (2- >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Potassium 3-iodo-6-methylbenzenesulfonate	Xi: R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Potassium 4-iodo-2-sulfonato-benzoic acid	Xi: R41 R52-53	Xi R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Potassium iron(III) 1,3-propanediamine-N,N,N',N'-tetraacetatehemihydrate	E: R2 N: R51-53	E ; N ; R: 2 - 51/53, S: (2) - 35 - 61		Eu	-	-	-	-	-	-	-	-
	Potassium N-(4-fluorophenyl)glycinate	Xn: R48/22 Xi: R41 R43 R 52-53	Xn R: 41-43-48/22-52/53 S: (2)-22-26-36/37/39-61	Conc>=10%; Xn: R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Potassium sodium 4-(4-chloro-6-(3,6-disulfonato-7-(5,8-disulfonato-naphthalen-2-ylazo)-8-hydroxy-naphthalen-1-ylamino)-1,3,5-triazin-2-ylamino)-5-hydroxy-6-(4-(2-sulfatoethanesulfonyl)-phenylazo)-naphthalene-1,7-disulfonate	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Potassium sodium 6,13-dichloro-3,10-bis[2-[4-{3-(2-hydroxyethylphenoxy)ethanesulfonyl}phenylamino]-6-(2,5-disulfonatophenylamino)-1,3,5-triazin-2-ylamino]ethylamino]benzo[5,6f][1,4]oxazino[2,3-b]phenoxazine-4,11-disulfonate	Xi: R41 R52-53	Xi R: 41-52/53 S: (2)-39-22-26-61	Conc>=10%; Xi; R41 >=5%Conc < 10% ; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Potassium tetrasodium bis[(N,N'-n)-1'-(phenylcarbamoyl)-3,5-disulfonatobenzenazo-1'-prop-1'-ene-2,2'-diolato]chromate(III)	Xi: R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Product by process iron complex of azo dyestuffs obtained by coupling a mixture of diazotized 2-amino-1-hydroxybenzene-4-sulfanilide and 2-amino-1-hydroxybenzene-4-sulfonamide with resorcin, the obtained mixture being subsequently submitted to a second coupling reaction with a mixture of diazotized 3-aminobenzene-1-sulfonic acid (metanilic acid) and 4'-amino-4-nitro-1,1'-diphenylamine-2-sulfonic acid and metalization with ferric chloride, sodium salt	Xi: R41 N: R51-53	Xi R: 41-51/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Product-by-process definition polyazodyestuff obtained by coupling 4-[4-(1-amino-8-hydroxy-3,6-disulfo-2-naphthyl)azophenylsulfonylamino]benzenediazonium with a mixture of 4-carboxybenzenediazonium and diphenylamine-3-sulfo-4,4'-bisdiazonium, and further coupling of the obtained compounds with a mixture of naphth-2-ol and 3-aminophenol, sodium salts, sodium chloride	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu		-	-	-	-	-	-	-
			N R: 50/53 S: 60-61		Eu		-	-	-	-	-	-	-
	Propoxycarbazone-sodium	N; R50-53			Eu		-	-	-	-	-	-	-
	Proteases, with the exception of those specified elsewhere	Xi; R: 36/37/38 Xn; R42	Xn; R: 36/37/38 - 42 S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu		-	-	-	-	-	-	-
	p-Toluenesulphonic acid (containing more than 5% H2SO4)	C; R34	C: R: 34, , S: (1/2 -) - 26 - 37/39 - 45	Conc>=25%; C; R34 >=10%Conc<25%; Xi; R36/38	Eu		-	-	-	-	-	-	-
	Pyridostrobin (ISO) [Methyl N-[2-[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxymethyl]phenyl](N-methoxy)carbamate]	T; R23 Xi; R38 N; R50-53	R: 23-38-50/53 S: (1/2)-45-60-61-63	Conc>=25%; T; 23; R38 >=20%Conc<25%; Xn; R20; R38 >=3%Conc<20%; Xn; R20	Eu		-	-	-	-	-	-	-
	Pyrethrins including cinerins	Xn; R20/21/22 N; R50-53	Xn; N: R: 20/21/22 - 50/53, S: (2) - 13 - 60 - 61	Conc>=25%; Xn; R20/21/22	Eu		-	-	-	-	-	-	-
	Reaction mixture of 2,3,4,2',3',4'-hexahydroxy-5,5'-diacetyl-diphenylmethane and 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonylchloride and 3-diazo-3,4'-dihydro-6-methoxy-4-oxo-1-naphthalenesulfonylchloride	F; R11 R53	F R: 11-53 S: (2)-3-12-16-33-61		Eu		-	-	-	-	-	-	-
	Reaction mixture of saturated, monounsaturated and multiple unsaturated long-chained partly esterified alcohols of vegetable origin (Brassica napus L., Brassica rapa L., Helianthus annuus L., Glycine hispida, Gossypium hirsutum L., Cocos nucifera L., Elaeis guineensis) with O,O'-disulbutyldithiophosphate and 2-ethylhexylamine and hydrogen peroxide	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu		-	-	-	-	-	-	-
	Reaction product of (2-hydroxy-4-(3-propenoxy) benzophenone and triethoxysilane) with (hydrolysis product of silica and methyltrimethoxysilane)	F; R11 T; R39/23/24/25 Xn; R20/21/22	F; T; R: 11 - 20/21/22 - 39/23/24/25 S: (1/2) - 16 - 29 - 36/37 - 45	Conc>=25%; T; R39/23/24/25; R20/21/22 >=10%Conc<25%; T; R39/23/24/25 >=1%Conc<10%; Xn; R68/20/21/22	Eu		-	-	-	-	-	-	-
	Reaction product of ammonium molybdate and C12-C24-diestoxylated alkylamine (1:5-1:3)	Xi; R38 R43 N; R51-53	Xi; N: R: 38 - 43 - 51/53 S: 24/25 - 37 - 61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu		-	-	-	-	-	-	-
	Reaction product of amorphous silica (50-85 %), butyl (1-methylpropyl) magnesium (3-15 %), tetraethyl orthosilicate (5-15 %) and titanium tetrachloride (5-20 %)	F; R11 Xi; R37/38-41 R52-53	F; Xi R: 11-37/38-41-52/53 S: (2)-6-26-36/39-61	Conc>=20%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu		-	-	-	-	-	-	-
	Reaction product of C.I. Leuco Sulfur Black 1 with (3-chloro-2-hydroxypropyl)trimethylammonium chloride	Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu		-	-	-	-	-	-	-
	Reaction product of C.I. LeucoSulfur Black 1 and a mixture of disodium 4-(4-[8-amino-1-hydroxy-7-(4-sulfamoylphenyl)azo]-3,6-disulfonato-2-naphthyl)azophenylsulfonylamino]benzenediazonium chloride and disodium 4-[4-[2,6-dihydroxy-3-(8-hydroxy-3,6-disulfonato-1-naphthyl)azophenylsulfonylamino]benzene diazonium chloride	R52-53	R: 52/53 S: 61		Eu		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Reaction product of cocalkyldiethanolamides and cocalkylmonoglycides and molybdenumtrioxide (1.75-2.2: 0.75-1.0:0.1-1.1)	N; R51-53 Xi; R38 R43 R53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylamine, phenothiazine, and alkenes, branched (C8-10, C9-rich)	Xi; R38 R43 R53	Xi R: 38-43-53 S: (2-)24-37-61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylmethanediisocyanate, octylamine and oleylamine (molar ratio 1:1.86:0.14)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylmethanediisocyanate, octylamine, 4-ethoxyaniline and ethylenediamine (1:0.37:1.53:0.05)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylmethanediisocyanate, octylamine, oleylamine and cyclohexylamine (1:1.58:0.32:0.097)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylmethanediisocyanate, toluenediisocyanate (mixture of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine and oleylamine (molar ratio 4:1:9:1)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylmethanediisocyanate, toluenediisocyanate (mixture of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 3.88:1.6:38:0.47:2.91)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of diphenylmethanediisocyanate, toluenediisocyanate (mixture of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 4:1:7:1:2)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of thioglycerol and mercaptoacetic acid consisting mainly of 3-mercapto-1,2-bis(mercaptoacetox)propane and oligomers of this substance	T: R23 Xn; R22 Xi; R36 R43	T R: 22-23-36-43 S: (1/2-)24-26-37-45	Conc>=25%; T: R23; R22; R36; R43 >=20%Conc<25%; Xn; R20; R36; R43 >=3%Conc<20%; Xn; R20; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Reaction product of toluenediisocyanate (mixture of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate) and aniline (molar ratio 1:2)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction product of: 1,2,3-propanetricarboxylic acid, 2-hydroxy, diethyl ester, 1-propanol and zirconium tetra-n-propanolate	F; R11 Xi; R38-41 N; R51-53	F; Xi; N R: 11-38-41-51/53 S: (2-)9-16-26-37/39-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Reaction product of: 2-[[4-amino-2-ureidophenylazo]-5-[(2-(sulfoxyethyl)sulfonyl]benzenesulfonic acid with 2,4,6-trifluoropyrimidine and partial hydrolysis to the corresponding vinylsulfonyl derivative,mixed potassium/sodium salt	Xi; R41 R52-53	Xi R: 41-52/53 S: (2-)26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Reaction product of: 3,5-bis-tert-butylsalicylic acid and aluminiumsulfate	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2-)22-56-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	Reaction product of: borax, hydrogen peroxide, acetic acid anhydride and acetic acid	O; R7 Xn; R20/21/22 C; R35 N; R50	O; C; N R: 7-20/21/22-35-50 S: (1/2-)3/7-14-26-36/37/39-45-61	Conc>=25%; C; R35; R20/21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Reaction product of: copper, (29H,31H-phthalocyaninato(2-)-)N29,N30,N31,N32)-, chlorosulfuric acid and 3-(2-sulfoxyethylsulfonyl)aniline, sodium salts	Xi; R41	Xi R: 41 S: (2-)22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates	Xi: R36/38 R43 R52-53	Xi R: 36/38-43-52/53 S: (2)-24-26-37-61	Conc=>20%; Xi: R36/38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Reaction products of tungsten hexachloride with 2-methylpropan-2-ol, nonylphenol and pentane-2,4-dione	F: R11 Xn: R20 C: R34 R43 N: R50-53	F; C; N; R: 11 - 20 - 34 - 43 - 50/53 S: (1/2) - 16 - 26 - 29 - 33 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C: R34; R20; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Reaction products of: copper(II) sulfate and tetrasodium 2,4-bis[6-(2-methoxy-5-sulfonatophenyl)azo]-5-hydroxy-7-sulfonato-2-naphthylaminol-6-(2-hydroxyethylamino)-1,3,5-triazine (2:1)	N: R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Reaction products of: trimethylhexamethylene diamine (a mixture of 2,2,4-trimethyl-1,6-hexanediamine and 2,4,4-trimethyl-1,6-hexanediamine, EINECS listed). Epoxide 8 (monol(C10-C16-alkyloxy)methyl)oxirane derivatives) and p-toluene-sulfonic acid	Xn: R22 C: R34 N: R50-53	C; N R: 22 - 34 - 50/53 S: (1/2) - 23 - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C: R34; R22 ->=10%Conc<25%; C: R34 ->=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
	Refractory Ceramic Fibres. Special Purpose Fibres, with the exception of those specified elsewhere in HSIS [Synthetic mineral fibres (SMF); MMVF](Note: Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+ MgO+BaO) content less or equal to 18 % by weight)	Carc. Cat. 2; R49	T R: 49 S: 53-45 Notes: A; R	Conc>=0.1%; T: R49	Eu/A	Refractory Ceramic Fibres (RCF)(h) Special Purpose Glass Fibres(i) and High Biopersistence MMVF(i)	0.5 f/mL (respirable)	2 mg/m3 (inhalable dust)(i)	-	-	-	-	(see Workplace Exposure Standards for Airborne Contaminants for meaning of (h) (i) (l))
	Rhodium, soluble compounds (as Rh)		N; R: 50/53, S: 60 - 61		A	Rhodium, soluble compounds (as Rh)	-	0.01	-	-	-	-	-
	Rosin core solder pyrolysis products, as formaldehyde				A	Rosin core solder pyrolysis products (as formaldehyde)	-	0.1	-	-	-	-	-
	S: (Tricyclo[5.2.1.0 ^{2,7} .0 ^{4,6} deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl) or 2-ethylhexyl) phosphorodithioate	N: R50-53	N; R: 50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
	Salts of 4,4'-carbonimidoylbis N,N-dimethylaniline [Salt of auramine]	Carc. Cat. 3; R40 Xn: R22 Xi: R36 N: R51-53	Xn; N; R: 22 - 36 - 40 - 51/53, S: (2) - 36/37 - 61; Note: A	Conc>=25%; Xn: R40; R22; R36 >=20%Conc<25%; Xn: R40; R36 >=1%Conc<20%; Xn: R40	Eu	-	-	-	-	-	-	-	-
	Salts of glyphosate, with the exception of those specified elsewhere in HSIS	N: R51-53	N R51/53 S:61		Eu	-	-	-	-	-	-	-	-
	Salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in HSIS	T+; R26/27/28 R32 N: R50-53	T+; N R: 26/27/28-32-50/53 S: (1/2)-7-28-29-45-60-61 Note: A	Conc>=7%; T+; R26/27/28 >=1%Conc<7%; T: R23/24/25 >=0.1%Conc<1%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
	Salts of oxalic acid with the exception of those specified elsewhere in HSIS	Xn: R21/22	Xn R: 21/22 S: (2)-24/25 Note: A	Conc>=5%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
	Selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in HSIS(Note: These UN No.s refer to selenium compounds except selenic acid, selenates, selenites, selenium disulfide and selenium oxychloride)	T: R23/25 R33 N: R50-53	T; N R: 23/25-33-50/53 S: (1/2)-20/21-28-45-60-61 Note: A	Conc>=25%; T: R23/25; R33 >=3%Conc<25%; Xn: R20/22; R33 >=1%Conc<3%; Xn: R33	Eu/A	Hydrogen selenide (as Se)	0.05	0.16	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in HSIS(Note: These UN No.s refer to selenium compounds except selenic acid, selenates, selenites, selenium disulfide and selenium oxychloride)	T; R23/25 R33 N; R50-53	T; N R: 23/25-33-50/53 S: (1/2-20/21-28-45-60-61 Note: A	Conc>=25%; T; R23/25; R33 >=3%Conc<25%; Xn; R20/22; R33 >=1%Conc<3%; Xi; R33	Eu/A	Selenium compounds (as Se) excluding hydrogen selenide	-	0.1	-	-	-	-	-
	Selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in HSIS(Note: These UN No.s refer to selenium compounds except selenic acid, selenates, selenites, selenium disulfide and selenium oxychloride)	T; R23/25 R33 N; R50-53	T; N R: 23/25-33-50/53 S: (1/2-20/21-28-45-60-61 Note: A	Conc>=25%; T; R23/25; R33 >=3%Conc<25%; Xn; R20/22; R33 >=1%Conc<3%; Xi; R33	Eu/A	Selenium hexafluoride (as Se)	0.05	0.16	-	-	-	-	-
	Silica, Fumed (respirable dust) [Fume (thermally generated) (respirable dust)]				A	Fumed silica (respirable dust)	-	2	-	-	-	-	(see Silica - Amorphous)
	Silver sodium zirconium hydrogenphosphate	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
	Silver, soluble compounds (as Ag)				A	Silver, soluble compounds (as Ag)	-	0.01	-	-	-	-	-
	Soapstone, respirable dust				A	Soapstone (respirable dust)	-	3	-	-	-	-	(see also Soapstone (a))
	Sodium (Z)-3-chloro-3-(4-chlorophenyl)-1-hydroxy-2-propene-1-sulfonate	Xi; R38-41 R43 N; R50-53	Xi; N R: 38-41-43-50/53 S: (2-24-26-37/39-60-61 Xi; R: 43 S: (2) - 24 - 37	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Sodium 2-benzoyloxy-1-hydroxyethane-sulfonate	Xi; R43	S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Sodium 3-(methoxycarbonyl)-4-oxo-3,4,5,6-tetrahydro-2-pyridinol	Xi; R36	Xi S: (2)-26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Sodium 3,5-bis(3-(2,4-di-tert-pentylphenoxy)propylcarbamoyl)benzenesulfonate	Xi; R38 R43	Xi; R: 38 - 43, S: (2) - 24 - 37	Conc>=20%; Xi; R43; R38 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Sodium 4-hydroxy-3-N'-(2-(2-hydroxyethylenesulfonyl)ethylene)ureido)-5-nitrobenzenesulfonate	R43 R52-53	Xi R: 43-52/53 S: (2-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Sodium 5-(2-carboxyphenylazo)-6-hydroxynaphthalene-2-sulfonate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Sodium bis[tris(2-hydroxyethyl)ammonium]6-anilino-4'-(4,8-disulfonato-2-naphthylazo)-5'-methyl-3-sulfonatophthalene-2-azobenzene-1,2'-diolato]cuprate(II)	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Sodium((n-butyl)(ethyl)γ-1,5-dihydro)aluminate) x = 0.5 y = 1.5	F; R11 R14/15 R 17 Xn; R20 C; R35	F; C R: 11-14/15-17-20-35 S: (1/2-6-16-26-30-36/37/39-43-45	Conc>=25%; C; R35; R20 >=10% Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Spinosad (ISO) (a mixture of spinosyn A and spinosyn D in ratios between 95:5 to 50:50) [Mixture of 50-95 % of (2R,3aS,5aR,5bS,9S,13S,14R,16aS,16bR)-2-(6-deoxy-2,3,4-tri-O-methyl-alpha-L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy-beta-D-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadeca-hydro-14-methyl-1H-8-oxacyclododecal]bias-indacene-7,15-dione and 50-5 % (2S,3aR,5aS,5bS,9S,13S,14R,16aS,16bS)-2-(6-deoxy-2,3,4-tri-O-methyl-alpha-L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy-beta-D-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadeca-hydro-4,14-dimethyl-1H-8-oxacyclododecal]bias-indacene-7,15-dione](Note: see also CAS No. 131929-60-7 & 131929-63-0)	N; R50-53	N R: 50/53 S: 60-61	Eu	-	-	-	-	-	-	-	-	-
	Strontium 2-[(2-hydroxy-6-sulfonato-1-naphthyl)azo]naphthalene-1-sulfonate	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	T+; R26/28 N; R50-53	T+; R26/28 N; R50-53	S: (1/2) - 13 - 28 - 45 - 60 - 61; Note: A	Conc>=7%; T+; R26/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
	Tall oil 2-[(tetrahydro-2H-pyran-2-yl) thio]ethyl esters	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	tert-(Dodecyl/tetradecyl)-ammonium bis(3-(4-(5-(1,1-dimethyl-propyl)-2-hydroxy-3-nitrophenyl)azo)-3-methyl-5-hydroxy-(1H)pyrazol-1-yl)benzenesulfonamidato]chromate	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
	tert-Butyl(6-[2-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl)amino]pyrimidin-5-yl]vinyl](4S,6S)-2,2-dimethyl[1,3]dioxan-4-yl)acetate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Tetraammonium 5-(4-(7-amino-1-hydroxy-3-sulfonato-2-naphthyl)azo)-6-sulfonato-1-naphthylazo]isophthalate	Xi: R43	Xi ; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Tetrabutylammonium butyl tris-(4-trans-butylphenyl)borate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Tetrachloroplatinates, with the exception of those elsewhere specified	T; R25 Xi: R41 R42/43	T R: 25 - 41 - 42/43 S: (2) - 22 - 26 - 36/37/39 - 45; Note: A	Conc>=25%; T: R25; R41; R42/43 >=10%Conc<25%; Xn: R22; R41; R42/43 >=5%Conc<10%; Xn: R22; R36; R42/43 >=3%Conc<5%; Xn: R22; R42/43 >=1%Conc<3%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
	Tetrahydro-2-isobutyl-4-methylpyran-4-ol mixed isomers (cis and trans) (Note: cis isomer CAS No. 65418-69-1 and trans isomer CAS No. 65418-70-4)	Xi: R36	Xi ; R: 36 , S: (2) - 25 - 26	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Tetralithium 2-[6-[7-[2-(carboxylato)phenyl]azo]-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazine-2-ylaminobenzoate	Xi: R36 R52-53	Xi R: 36-52/53 S: (2)-26-39-61	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Tetrapotassium 2-(4-(5-(1-(2,5-disulfonatophenyl)-3-ethoxycarbonyl-5-hydroxypyrazol-4-yl)penta-2,4-enylidene)-3-ethoxycarbonyl-5-oxo-2-pyrazolin-1-yl)benzene-1,4-disulfonate	Xi: R43	Xi ; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Tetrapotassium 4-[5-[3-carboxylato-4,5-dihydro-5-oxo-1-(4-sulfonatophenyl)pyrazol-4-ylidene]-3-(piperidinocarbonyl)penta-1,3-dienylidene]-5-hydroxy-1-(4-sulfonatophenyl)pyrazole-3-carboxylate	Xn, R20 R52-53	Xn R: 20-52/53 S: (2)-25-61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
			Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
		Xi; R41, R43	Xi; R: 41 - 43 , S: (2) - 22 - 24 - 26 - 37/39	Conc>=10%; Xi; R41, R43 >=1%Conc<10%; Xi; R36, R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Tetrasodium 4,4'-bis[4-(4-(2-hydroxyethylamino)-6-(4-sulfonatoanilino)-1,3,5-triazin-2-ylamino]phenylazobis[2,2'-disulfonate]	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			Xi; R41, R43	Conc>=10%; Xi; R41, R43 >=1%Conc<10%; Xi; R36, R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Tetrasodium 4-hydroxy-5-[4-[3-(2-sulfoacetamidesulfonyl)phenylamino]-6-morpholin-4-yl]-1,3,5-triazin-2-ylamino]-3-(1-sulfonatonaftthalen-2-ylazo)naphthalene-2,7-disulfonate	R43	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
			T+; N; R: 26/28 - 33 - 51/53, S: (1/2) - 13 - 28 - 45 - 61; Note: A	Conc>=7%; T+; R26/28; R33 >=1%Conc<7%; T; R23/25; R33 >= 0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
		T+; R26/28 R33 N; R51-53	T+; R: 26/28 - 33 , S: (1/2) - 13 - 28 - 45	Conc>=7%; T+; R26/28; R33 >=1%Conc<7%; T; R23/25; R33 >= 0.1%Conc<1%; Xn; R20/22	Eu; A	-	-	-	-	-	-	-	-
	Thallium soluble compounds (as TI)(Note: Except for Thallous chloride and Thallous nitrate which have their own specific UN numbers.)	T+; R26/28 R33 N; R51-53	Xn R: 20/21/22-32-52/53 S: (2)-13-36/37-46-61 Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
			Xn; N R: 20/21/22-32-52/53 S: (2)-13-36/37-46-61 Note: A		Eu	-	-	-	-	-	-	-	-
		Xn; R20/21/22 R32 N; R50-53	Xn R: 20/21/22-32-52/53 S: (2)-13-36/37-46-61 Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
	Thiocyanic acid, metal salts of, with the exception of those specified elsewhere in HSIS	Xn; R20/21/22 R32 N; R50-53	Xn R: 20/21/22-32-52/53 S: (2)-13-36/37-46-61 Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
			Xn R: 20/21/22-32-52/53 S: (2)-13-36/37-46-61 Note: A		Eu	-	-	-	-	-	-	-	-
		Xn; R20/21/22 R32 N; R50-53	Xn R: 20/21/22-32-52/53 S: (2)-13-36/37-46-61 Note: A	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
	Thionyl chloride, reaction products with 1,3,4-thiadiazol-2,5-dithiol, tert-nonanethiol and C12-14-tert-alkylamine	Xi; R38 R52-53	Xi; R: 38 - 43 - 52/53 , S: (2) - 36/37 - 61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			Tin, organic compounds (as Sn)		A	-	0.1	-	0.2	-	-	Sk	-
		F; R17 C; R34	F ; C ; R: 17 - 34 , S: (1/2) - 7 - 23 - 26 - 36/37/39 - 43 - 45 ; Note: A	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Trialkylboranes	T; R25-48/23/25 Xn; R21 Xi; R36/38 N; R50-53	T; N R: 21-25-36/38-48/23/25-50/53 S: (1/2)-36/37/39-45-60-61 Note: A	Conc>=1%; T; R25; R48/23/25; R21; R36/38 >=0.25%Conc<1%; Xn; R22; R48/20/22	Eu; A	-	0.1	-	0.2	-	-	Sk	-
			T+; N R: 26/27/28-50/53 S: (1/2)-26-27-28-45-60-61; Note: A	Conc>=0.5%; T+; R26/27/28 >=0.1%Conc<0.5%; T; R23/24/25 >=0.05%Conc<0.1%; Xn; R20/21/22	Eu; A	-	0.1	-	0.2	-	-	Sk	-
		T+; R26/27/28 N; R50-53	T+; R: 26/27/28-50/53 S: (1/2)-26-27-28-45-60-61; Note: A	Conc>=0.5%; T+; R26/27/28 >=0.1%Conc<0.5%; T; R23/24/25 >=0.05%Conc<0.1%; Xn; R20/21/22	Eu; A	-	0.1	-	0.2	-	-	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Trimethyltin compounds, with the exception of those specified elsewhere in HSIS	T+: R26/27/28 N: R50-53	T+: N R: 26/27/28-50/53 S: (1/2)-26-27-28-45-60-61; Note: A	Conc<=0.5%; T+: R26/27/28 >=0.1%Conc<0.5%; T: R23/24/25 >=0.05%Conc<0.1%; Xn: R20/21/22	Eu; A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
			Xi R: 36/37/38-53 S: (2)-61; Note: A	Conc>=1%; Xi: R36/37/38	Eu; A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
	Triphenyltin compounds, with the exception of those specified elsewhere in HSIS	T: R23/24/25 N: R50-53	T: N R: 23/24/25-50/53 S: (1/2)-26-27-28-45-60-61 Note: A	Conc<=1%; T: R23/24/25 >=0.25%Conc<1%; Xn: R20/21/22	Eu;A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
			Xi: R43 S: (2) - 24 - 37	Conc<=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	tris(2-Hydroxyethyl)ammonium 7-(4-[4-(2-cyanoamino-4-hydroxy-6-oxido)pyrimidin-5-ylazo]benzamido)-2-ethoxy-phenylazo)naphthalene-1,3-disulfonate	R 52-53	R: 52/53 S: 61 N: R: 51/53;		Eu	-	-	-	-	-	-	-	-
			N: R51-53		Eu	-	-	-	-	-	-	-	-
	Tris(octadec-9-enylammonium) (trisulfonatophthalocyaninato)copper(II)	N: R51-53	Xi: R41 N: R51-53	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
			Xi: R41	Conc>=10%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43	Eu	-	-	-	-	-	-	-	-
	Trisodium (1-(3-carboxylato-2-oxido-5-sulfonatophenylazo)-5-hydroxy-7-sulfonatophthalalen R43 2-amido)nickel(II)	N: R51-53	Xi: N R: 41-43-45/53 S: (2)-24-26-37/39-61	Conc>=10%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
			Xi R: 41 S: (2)-26-39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Trisodium [1,2'-(2-(8-amino-3,5-disulfonatophthalene)azo)-(4'-nitrobenzene)diolato-O,N]((Z)-2,2'-(phenylcarbamoylprop-1'-enyl)azo)-5-sulfamoylbenzene)diolato-O,O,N]chromate(III)	Xi: R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Trisodium [2-(5-chloro-2,6-difluoropyrimidin-4-ylamino)-5-(b-sulfamoyl-c,d-sulfonatophthalocyanin-a-yl)-K4,N29,N30,N31,N32-sulfonamino]benzoate(6-)(cuprate(II) where a=1,2,3,4 b=8,9,10,11 c=15,16,17,18 d=22,23,24,25	Xi: R41 R43	Xi R: 41 - 43 S: (2) - 26 - 36/37/39	Conc>=10%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Trisodium 1-hydroxynaphthalene-2-azo-4(5',5'')-dimethylbiphenyl)-4'-azo(4'-phenylsulfonoyloxybenzene)- 2',2',4'-trisulfonate	Xi: R36	Xi: R: 36, S: (2) - 25 - 26	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Trisodium 2-(alpha[2-hydroxy-3-[4-chloro-6-[4-(2,3-dibromopropionylamino)-2-sulfonatophenylamino]-1,3,5-triazin-2-ylamino]-5-sulfonatophenylazo]-benzylidenediazirino)-4-sulfonatobenzoate, copper complex	Xi: R41 N: R51-53	Xi: N R: 41-51/53 S: (2)-22-26-39-61	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	Trisodium 4-hydroxy-6-(sulfonatomethylamino)-5-(2-(2-sulfatoethylsulfonoyl)phenylazo)naphthalene-2-sulfonate	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Trisodium bis[3-(3-nitro-5'-sulfonato(6-amino-2-[4-(2-hydroxy-1-naphthylazo)phenylsulfonfylamino]pyrimidin-5-azo)benzene-2',4-diolato)]chromate(III)	R43 R52-53	Xi R: 43-52/53 S: (2)-22-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Uranium compounds with the exception of those specified elsewhere in HSIS	T+: R26/28 R33 N: R51-53	T+: N R: 26/28-33-51/53 S: (1/2)-20/21-45-61 Note: A	Conc>=7%; T+: R26/28; R33 >=1%Conc<7%; T: R23/25; R33 >=0.1%Conc<1%; Xn: R20/22	Eu;A	Uranium (natural), soluble & insoluble compounds (as H)	-	0.2	-	0.6	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
50-00-0	Vanadium(IV) oxide hydrogen phosphate hemihydrate, lithium, zinc, molybdenum, iron and chlorine-doped	Xn; R20-48/22 Xi; R41 N; R51-53	Xn; N; R; 20 - 41 - 48/22 - 51/53. S: (2) - 22 - 26 - 36/39 - 61	Conc>=25%; Xn; R20; R48/22; R41 >=10% Conc<25%; Xn; R48/22; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Welding fumes (not otherwise classified)					Welding fumes (not otherwise classified)							(see Chapter 17)
	White spirit	Xn; R65	Xn; R; 65	Conc>=10%; Xn; R65	P	-	-	-	-	-	-	-	-
50-01-1	Wood dust (certain hardwoods such as beech and oak)				A	Wood dust (certain hardwoods such as beech & oak)	1	-	-	-	-	Sen	-
	Wood dust (soft wood)				A	Wood dust (soft wood)	5	-	-	10	-	Sen	-
	Xylidines, with the exception of those elsewhere specified [Dimethyl anilines, with the exception of those elsewhere specified]	T; R23/24/25 R33 N; R51-53	T; N R: 23/24/25 - 33 - 51/53 S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3% Conc<25%; Xn; R20/21/22; R33 >=1% Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
50-02-3	Zinc 2-hydroxy-5-C13-18 alkylbenzoate	Xi; R36/38 N; R51-53	Xi; N; R; 36/38 - 51/53 , S: (2) - 26 - 61	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
	Zinc chromates including zinc potassium chromate	Carc. Cat. 1; R45 Xn; R22 R43 N; R50-53	T; N; R; 45 - 22 - 43 - 50/53. S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=25%; T; R45, R22, R43 >=1% Conc<25%; T; R45, R43 >=0.1% Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
	Zinc hexacyanocobaltate(II), tertiary butyl alcohol/polypropylene glycol complex	Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2)-22-26-39-61	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
50-03-7	Zinc salts, fatty acids, C16-18 and C18 unsaturated, branched and linear	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Zinc-bis(4-(n-octyloxy)carbonyl(amino)salicylate) dihydrate	Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Zirconium compounds (as Zr)				A	Zirconium compounds (as Zr)	5	-	-	10	-	-	-
50-04-0	Zirconium powder (non pyrophoric)	F; R15	F; R15 S: (2) - 7/8 - 43		Eu	-	-	-	-	-	-	-	-
	Formaldehyde ...%	Carc. Cat. 2; R49 T; R23/24/25 C; R34 R43	T; R; 49 - 23/24/25 - 34 - 43 S: (1/2) - 26 - 36/37 - 45 - 51 ; Notes: B ; D	Conc>=25%; T; R49; R23/24/25; R34; R43 >=10% Conc<25%; T; R49; R34; R20/21/22; R43 R36/37/38; R43 >=5% Conc<10%; T; R49; R20/21/22; >=3% Conc<5%; T; R49; R20/21/22; R43 >=0.2% Conc<3%; T; R49; R43 >=0.1% Conc<0.2%; T; R49	N/Eu; A	Formaldehyde (h)	1	1.2	2	2.5	2	Sen	-
	Guandinium chloride [Guanadine hydrochloride]	Xn; R22 Xi; R36/38	Xn; R; 22 - 36/38 , S: (2) - 22	Conc>=25%; Xn; R22; R36/38 >=20% Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
50-14-6	Ergocalciferol [Vitamin D2]	T+; R26 T; R24/25-48/25	T+ R: 24/25-26-48/25 S: (1/2)-28-36/37-45	Conc>=25%; T+; R26; 24/25;R48/25 >=10% Conc<25%; T+; R26; R21/22; R48/25 >=7% Conc<10%; T+; R26; R21/22;R48/22 >=3% Conc<7%; T; R23; R21/22; R48/22 >=1% Conc<3%; T; R23; R48/22 >=0.1% Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
	DDT (common name not adopted by ISO)	T; R25-48/25 Carc. Cat. 3; R40 N; R50-53	T; N; R; 25 - 40 - 48/25 - 50/53 , S: (1/2) - 22 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R40; R25-48/25 >=10% Conc<25%; T; R40; R48/25; R22 >=3% Conc<10%; Xn; R40; R22; R48/22 >=1% Conc<3%; Xn; R40; R48/22	Eu; A	DDT (Dichlorodiphenyl-trichloroethane)	-	1	-	-	-	-	-
	Dichlorodiphenyltrichloroethane]	Xn; R22 N; R51-53	Xn; N; R; 22 - 51/53, S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
50-31-7	2,3,6-TBA (ISO) [2,3,6-Trichlorobenzoic acid]												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
50-32-8	Benzo[a]pyrene [Benzo[def]chrysene]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 R43	T; N R: 45-46-60-61-43-50/63 S: 53-45-60-61	Conc>=1%; T; R45; R46; R60/61; R43 >=0.5%Conc<1%; T; R45; R46; R60/61 >=0.1%Conc<0.5%; T; R45; R46 >=0.01%Conc<0.1%; T; R45	Eu; A	Benzo(a)pyrene (d)	-	-	-	-	2	-	-
		N; R50-53											
50-78-2	Acetylsalicylic acid [Aspirin]		Xn; R: 22		A	Acetylsalicylic acid	5	-	-	-	-	-	-
51-14-9	5-(3,6,9-Trioxa-2-undecyloxy)benzo(d)-1,3-dioxolane [Sesamex]	Xn; R22	Xn; R: 22 S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
51-28-5	2,4-Dinitrophenol	T; R23/24/25 R33 N; R50-R53	T; N; R: 23/24/25 - 33 - 50 S: (1/2) - 28 - 37 - 45 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
51-34-3	Hyoscine	T+; R26/27/28	T+; R: 26/27/28 , S: (1/2) - 25 - 45	Conc>=7%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
51-55-8	Atropine	T+; R26/28	T+; R: 26/28 , S: (1/2) - 25 - 45	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
51-79-6	Urethane (INN) [Ethyl carbanate]	Carc. Cat. 2; R45	T; R: 45 S: 53 - 45	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
52-51-7	Bronopol (INN) [2-Bromo-2-nitropropane-1,3-diol]	Xn; R21/22 Xi; R37/38-41 N; R50	Xn; N R: 21/22-37/38-41-50 S: (2)-28-36/37/38-61	Conc>=25%; Xn; R21/22; R37/38; R41 >=20%Conc<25%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
52-68-6	Trichlorfon (ISO)	Xn; R22 R43	Xn; N R: 22-43-50/53 S: (2)-24-37-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
53-70-3	Dibenz[a,h]anthracene	Carc. Cat. 2; R45 N; R50-53	T; N R: 45-50/53 S: 53-45-60-61	Conc>=0.01%; T; R45	Eu	-	-	-	-	-	-	-	-
54-11-5	3-(N-Methyl-2-pyrrolidinyl)pyridine [Nicotine (ISO)]	T+; R27 T; R25 N; R51-53	T+; N; R: 25 - 27 - 51/53, S: (1/2) - 36/37 - 45 - 61	Conc>=25%; T+; R27; R25 >=7%Conc<25%; T+; R27; R22 >=3%Conc<7%; T; R24; R22 >=1%Conc<3%; T; R24 >=0.1%Conc<1%; Xn; R21	Eu; A	Nicotine	-	0.5	-	-	-	Sk	-
54-21-7	Benzoic acid, 2-hydroxy-, monosodium salt [Sodium salicylate]	Xn; R22	Xn R: 22	Conc>=25%; Xn; R22	N	-	-	-	-	-	-	-	-
55-38-9	Fenthion (ISO) [O,O-Dimethyl-O-(4-methylthion-m-tolyl) phosphorothioate]	Muta. Cat. 3; R68 T; R23-48/25 Xn; R21/22 N; R50-53	T; N R: 21/22-23-48/25-68-50/53 S: (1/2)-36/37-45-60-61	Conc>=25%; T; R68; R23; R48/25; R21/22 >=10%Conc<25%; T; R68; R48/25; R20 >=3%Conc<10%; Xn; R68; R20; R48/22 >=1%Conc<3%; Xn; R68; R48/22	Eu;A	Fenthion	-	0.2	-	-	-	Sk	-
55-55-0	Bis(4-hydroxy-N-methylanilinium)sulphate	Xn; R22-48/22 R43 N; R50-53	Xn; N; R: 22 - 43 - 48/22 - 50/53 S: (2) - 36/37 - 46 - 60 - 61	Conc>=25%; Xn; R22; R48/22; R43. >=10%Conc<25%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
55-63-0	Nitroglycerin [Glycerol trinitrate]	E; R3 T+; R26/27/28 R33 N; R51-53	E; T+; N; R: 3 - 26/27/28 - 33 - 51/53 S: (1/2) - 33 - 35 - 36/37 - 45 - 61	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >= 0.1%Conc<1%; Xn; R20/21/22	Eu; A	Nitroglycerin (NG)	0.05	0.46	-	-	-	Sk	-
55-68-5	Phenylmercury nitrate(Note: see also CAS No 100-57- C; R34 2 & 8003-05-2)	T; R25-48/24/25 C; R34 N; R50-53	T; N; R: 25 - 34 - 48/24/25 - 50/53 S: (1/2) - 23 - 24/25 - 37 - 45 - 60 - 61	Conc>=25%; T; R25; R48/24/25; R34 >=10%Conc<25%; T; R48/24/25; R34; R22 >=5%Conc<10%; Xn; R22; R48/21/22; R36/38 >=3%Conc<5%; Xn; R22; R48/21/22 >=1%Conc<3%; Xn; R48/21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
56-18-8	3,3'-Iminodi(propylamine) [1,3-Propanediamine, N-(3-aminopropyl)]	T+: R26 T: R24 Xn: R22 N: R35 R43	T+ : C ; R: 26 - 24 - 22 - 35 - 43 S: (1/2) - 26 - 28 - 36/37/39 - 45	Conc>=25%. T+; R26; R35; R24; R22; R43 >=10%Conc<25%. T+; R26; R35; R21; R43 >=7%Conc<10%. T+; R26; R34; R21; R43 >=5%Conc<7%. T; R23; R34; R21; R43 >=3%Conc<5%. T; R23; R21; R36/38; R43 >=1%Conc<3%. T; R23; R36/36; R43 >=0.1%Conc<1%. Xn; R20	Eu	-	-	-	-	-	-	-	-
56-23-5	Tetrachloromethane [Carbon tetrachloride]	Carc. Cat. 3; R40 T: R23/24/25-48/23-59-52/53 R52-53 N: R59	T: N R: 23/24/25-40-48/23-59-52/53 S: (1/2)-23-36/37-45-59-61	Conc>=1%; T; R40; R23/24/25; R48/23 >=0.2%Conc<1%; Xn; R20/21/22; R48/20	Eur, A	Carbon tetrachloride	0.1	0.63	-	-	2	Sk	-
56-38-2	Parathion (ISO) [O,O-Diethyl O-4-nitrophenyl phosphorothioate]	T+: R26/28 T: 24-48/25 N: R50-53	T+ : N R: 24-26/28-48-25-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%. T+; R26/28; R24; R48/25 >=10%Conc<25%. T+; R26/28; R21; R48/25 >=7%Conc<10%. T+; R26/28; R21; R48/22 >=3%Conc<7%. T; R23/25; R21; R48/22 >=1%Conc<3%. T; R23/25; R48/22 >=0.1%Conc<1%; Xn; R20/22	Eur, A	Parathion	-	0.1	-	-	-	Sk	-
56-55-3	Benz[a]anthracene	Carc. Cat. 2; R45 N: R50-53	R: 45-50/53 S: 53-45-60-61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
56-72-4	Counaphos (ISO) [O-3-Chloro-4-methylcoumarin-7-yl O,O-diethyl phosphorothioate]	T+: R28 T: R21 N: R50-53	T+ : N ; R: 21 - 28 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%. T+; R28; R21 >=7%Conc<25%. T+; R28 >=1%Conc<7%. T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
57-14-7	N,N-Dimethylhydrazine [1,1-Dimethylhydrazine]	F; R11 Carc. Cat. 2; R45 T: R23/25 C: R34 N: R51-53	F ; T ; N ; R: 45 - 11 - 23/25 - 34 - 51/53, S: 53 - 45 - 61; Note: E	Conc>=25%. T; R45; R23/25; R34 >=10%Conc<25%. T; R45; R34; R20/22 >=5%Conc<10%. T; R45; R20/22; R36/38 >=3%Conc<5%. T; R45; R20/22 >=0.1%Conc<3%. T; R45	Eur, A	1,1-Dimethylhydrazine	0.01	0.025	-	-	2	Sk	-
57-24-9	Strychnine	T+: R27/28 N: R50-53	T+ : N ; R: 27/28 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=7%. T+; R27/28 >=1%Conc<7%. T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eur, A	Strychnine	-	0.15	-	-	-	-	-
57-47-6	Physostigmine	T+: R26/28	T+ : R: 26/28 , S: (1/2) - 25 - 45	Conc>=7%. T+; R26/28 >=1%Conc<7%. T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
57-55-6	Propane-1,2-diol: total (vapour and particulates)			Propane-1,2-diol: particulates only	A		-	10	-	-	-	-	-
57-55-6	Propane-1,2-diol: total (vapour and particulates)			Propane-1,2-diol: total: (vapour & particulates)	A		150	474	-	-	-	-	-
57-57-8	beta-Propiolactone [3-Propanolide; 1,3-Propiolactone]	Carc. Cat. 2; R45 T+: R26 Xi: R36/38	T+ : R: 45 - 26 - 36/38 , S: 53 - 45 ; Note: E	Conc>=20%. T+; R45; R26; R36/38 >=7%Conc<20%. T+; R45; R26 >=1%Conc<7%. T; R45; R23 >=0.1%Conc<1%; T; R45; R20	Eur, A	beta-Propiolactone	0.5	1.5	-	-	2	-	-
57-74-9	Chlordane (ISO) [1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-tetrahydro-4,7-methanonidan]	Carc. Cat. 3; R40 Xn: R21/22 N: R50-53	Xn : N ; R: 21/22 - 40 - 50/53 , S: (2) - 36/37 - 60 - 61	Conc>=25%. Xn; R40; R21/22 >=1%Conc<25%; Xn; R40	Eur, A	Chlordane	-	0.5	-	-	3	Sk	-
58-08-2	Caffeine	Xn: R22	Xn : R: 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
58-74-2	Papaverine	Xn: R22	Xn : R: 22 , S: (2) - 22	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
58-89-9	Lindane [gamma-BHC or gamma-HCH; gamma-1,2,3,4,5,6-Hexachlorocyclohexane]	T: R25 Xn: R20/21-48/22 R64 N: R50-53	T: N R: 20/21-25-48-22-64-50/53 S: (1/2)-36/37-45-60-61	Conc>=25%. T; R25; R20/21; R48/22; R64 >=10%Conc<25%; Xn; R22; R48/22; R64 >=3%Conc<10%; Xn; R22; R64 >=1%Conc<3%; Xn; R64	Eur, A	Lindane	0.008	0.1	-	-	-	Sk	-
58-90-2	2,3,4,6-Tetrachlorophenol	T: R25 Xi: R36/38 N: R50-53	T: N R: 25-36/38-50/53 S: (1/2)-26-28-37-45-60-61	Conc>=5%. T; R25; R36/38 >=0.5%Conc<5%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
59-50-7	Chlorocresol [4-Chloro-m-cresol; 4-Chloro-3-methylphenol]	Xn; R21/22 Xi; R41 R43 N; R50	Xn; N R: 21/22-41-43-50 S: (2)-26-36/37/39-61	Conc>=10%; Xn; R21/22; R41; R43 >=5%Conc<10%; Xn; R21/22; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 T: R23/24/25-48/23/24/25 Xi; R36/38 R43 (Note: see also CAS No. 100-63-0, 27140-08-5 and 52033-74-6)	T; N R: 45-23/24/25-36/38-43-48/23/24/25-66-50 S: 53-45-61; Note: E	Conc>=25%; T; R45; R68; R23/24/25; R48/23/24/25; R36/38; R43 >=20%Conc<25%; T; R45; R68; R48/23/24/25; R20/21/22; R36/38; R43 >=10%Conc<20%; T; R45; R68; R48/23/24/25; R20/21/22; R43 >=3%Conc<10%; T; R45; R68; R20/21/22; R48/20/21/22; R43 >=1%Conc<3%; T; R45; R68; R48/20/21/22; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
59-88-1	Phenyldiazinium chloride No. 100-63-0, 27140-08-5 and 52033-74-6)	N; R50	Xi R: 36 S: (2)-26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
60-00-4	Edetic acid (EDTA)	Xi; R36	T; N: R: 45 - 50/53, S: 53 - 45 - 60 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
60-09-3	4-Aminoazobenzene [4-Phenyldiazoaniline]	Carc. Cat. 2; R45 N; R50-53	F+; R12 R19 Xn; R22 R66 R67	Conc>=25%; Xn; R22	Eu/A	Ethyl ether	400	1210	500	1520	-	-	-
60-29-7	Diethyl ether [Ether; Ethyl ether]		Xn; R: 40 S: (2)-9-16-29-33	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
60-34-4	Methyl hydrazine				A	Methyl hydrazine	0.01	0.019	-	-	3	Sk	-
60-35-5	Acetamide	Carc. Cat. 3; R40	Xn; R: 40 S: (2) - 36/37	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
60-51-5	Dimethoate (ISO) [O,O-Dimethyl methylcarbamoylmethyl phosphorodithioate]	T: R24/25; R48/25 Xn; R20 R43	T: R: 20 - 24/25 - 43 - 48/25 S: (2) - 36/37	Conc>=25%; T; R24/25; R48/25; R20; R43 >=10%Conc<25%; T; R48/25; R21/22; R43 >=3%Conc<10%; Xn; R21/22; R48/22; R43 >=1%Conc<3%; Xn; R48/22; R43	Eu/V	-	-	-	-	-	-	-	-
		Repr. Cat. 2; R61 Xn; R48/22 R64	T; R: 61-48/22-64	Conc>=10%; T; R61; R64; R48/22 >=1%Conc<10%; T; R61; R64 >=0.5%Conc<1%; T; R61	V	-	-	-	-	-	-	-	-
60-56-0	Thiamazole												
60-57-1	Dieldrin (ISO)	T+; R27 T: R25-48/25 Carc. Cat. 3; R40 N; R50-53	T+; N; R: 25 - 27 - 40 - 48/25 - 50/53 S: (1/2) - 22 - 36/37 - 45 - 60 - 61	Conc>=25%; T+; R40; R27; R25-48/25 >=10%Conc<25%; T+; R40; R27; R22; R48/25 >=7%Conc<10%; T+; R40; R27; R22-48/22 >=3%Conc<7%; T; R40; R24; R22-48/22 >=1%Conc<3%; T; R40; R24-48/22 >=0.1%Conc<1%; Xn; R21	Eu; A	Dieldrin	-	0.25	-	-	-	Sk	-
		Repr. Cat. 3; R63 Xn; R48/22 N; R51-53	R: 48/22-63-51/53 S: (2)-13-36/37-61	Conc>=10%; Xn; R48/22; R63 >=5%Conc<10%; Xn; R63	Eu; A	Amitrole	-	0.2	-	-	3	-	-
61-82-5	Amitrole (ISO) [Aminotriazole; 1,2,4-Triazol-3-ylamine]												
62-38-4	Phenylmercury acetate	T: R25-48/24/25 C; R34 N; R50-53	T; N: R: 25 - 34 - 48/24/25 - 50/53 S: (1/2) - 23 - 24/25 - 37 - 45 - 60 - 61	Conc>=25%; T; R25; R48/24/25; R34 >=10%Conc<25%; T; R48/24/25; R34; R22 >=5%Conc<10%; Xn; R22; R48/21/22; R36/38 >=3%Conc<5%; Xn; R22; R48/21/22 >=1%Conc<3%; Xn; R48/21/22	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat.3; R68 T: R23/24/25-48/23/24/25 Xi; R41 R43 N; R50	T; N R: 23/24/25-40-41-43-48/23/24/25-66-50 S: (1/2)-26-27-36/37/39-45-46-61-63	Conc>=25%; T; R40; R68; R23/24/25; R48/23/24/25; R41; R43 >=10%Conc<25%; T; R40; R68; R48/23/24/25; R20/21/22; R41; R43 >=1%Conc<10%; T; R40; R68; R48/23/24/25; R20/21/22; R43 >=0.2%Conc<1%; Xn; R48/20/21/22	Eu; A	Aniline & homologues	2	7.6	-	-	-	Sk	-
62-53-3	Aniline				Eu; A	Aniline & homologues	2	7.6	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
62-55-5	Thioacetamide	Carc. Cat. 2; R45, Xn; R22, Xi; R36/38 R52-53	T ; R : 45 - 22 - 36/38 - 52/53 , S : 53 - 45 - 61; Note: E	Conc>=25%: T; R45; R22; R36/38 >=20%Conc<25%: T; R45; R36/38 >=0.1%Conc<20%: T; R45	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Repr. Cat. 3; R63 Xn; R22 N; R51-53	Xn; N ; R : 22 - 40 - 63 - 51/53 , S : (2) - 36/37 - 61	Conc>=25%: Xn; R40; R63; R22 >=5%Conc<25%: Xn; R40; R63 >=1%Conc<5%: Xn; R40	Eu	-	-	-	-	-	-	-	-
62-73-7	Dichlorvos (ISO) [2,2-Dichlorovinyl dimethyl phosphate]	T+; R26 T; R24/25 R43 N; R50	T+; N R: 24/25-26-43-50 S: (1/2)-28-36/37-45-61	Conc>=25%: T+; R26; R24/25; R43 >=7%Conc<25%: T+; R26; R21/22; R43 >=3%Conc<7%: T; R23; R21/22; R43 >=1%Conc<3%: T; R23; R43 >=0.1%Conc<1%: Xn; R20	Eu;A	Dichlorvos (DDVP)	0.1	0.9	-	-	-	Sk	-
		T+; R26/27/28 N; R50	T+; N ; R : 26/27/28 - 50, S : (1/2) - 13 - 22 - 36/37 - 45 - 61	Conc>=7%: T+; R26/27/28 >=1%Conc<7%: T; R23/24/25 >=0.1%Conc<1%: Xn; R20/21/22	Eu; A	Sodium fluoroacetate	-	0.05	-	0.15	-	Sk	-
62-75-9	Dimethylnitrosamine [N-Nitrosodimethylamine; Methanamine; N-Methyl-N-nitroso]	Carc. Cat. 2; R45 T+; R26 T; R25-48/25 N; R51-53	T+; N R: 45-25-26-48/25-51/53 S: 53-45-61; Note: E	Conc>=25%: T+; R45; R26; R25; R48/25 >=10%Conc<25%: T+; R45; R26; R48/25; R22 >=7%Conc<10%: T+; R45; R26; R22; R48/22 >=3%Conc<7%: T; R45; R23; R22; R48/22 >=1%Conc<3%: T; R45; R23; R48/22 >=0.1%Conc<1%: T; R45; R20 >=0.001%Conc<0.1%: T; R45	Eu; A	N-Nitrosodimethylamine (d)	-	-	-	2	-	Sk	-
63-25-2	Carbaryl (ISO) [1-Naphthyl methylcarbamate]	Carc. Cat. 3; R40 Xn; R20/22 N; R50	Xn; N R: 20/22-40-50 S: (2-36/37-46-61	Conc>=25%: Xn; R40; R20/22 >=1%Conc<25%: Xn; R40	Eu;A	Carbaryl	-	5	-	-	-	-	-
		Xn; R22 Xi; R41 F; R11 Xi; R36	Xn R: 22-41 S: (2-26-39-46 F; Xi R: 36	Conc>=25%: Xn; R22; R41 >=10%Conc<25%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
64-18-6	Formic acid ... %	Xn; R20/22 C; R35 Xi; R37 R10 C; R35	C R: 20/22-35-37 C ; R : 10 - 35 , S : (1/2) - 23 - 26 - 45; Note: B	Conc>=25%: C; R35 >=20%Conc<25%: C; R35; R37 >=10%Conc<20%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xi; R36/38 Conc>=90%: C; R35 >=25%Conc<90%: C; R34 >=10%Conc<25%: Xi; R36/38	N; A	Formic acid	5	9.4	10	19	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R20/21/22 C; R34	T ; R : 45 - 46 - 20/21/22 - 34 , S : 53 - 45 ; Note: E	Conc>=25%: T; R45; R46; R34; R20/21/22 >=10%Conc<25%: T; R45; R46; R34 >=5%Conc<10%: T; R45; R46; R36/38 >=0.1%Conc<5%: T; R45; R46	Eu; A	Acetic acid	10	25	15	37	-	-	-
64-67-5	Diethyl sulphate	T; R25 C; R35	T ; C ; R : 25 - 35 , S : (1/2) - 22 - 36/37/39 - 45	Conc>=25%: T; R25; R35 >=10%Conc<25%: C; R35; R22 >=5%Conc<10%: C; R34; R22 >=3%Conc<5%: Xn; R22; R36/38 >=1%Conc<3%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
		Muta. Cat. 2; R46 T+; R28	T+ R: 46-28 S: 53-45 Note: E	Conc>=7%: T+; R46; R28 >=1%Conc<7%: T; R46; R25 >=0.1%Conc<1%: T; R46; R22 Conc>=20%: Xi; R37/38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
65-85-0	Benzoic acid	Xi; R37/38-41	Xi R: 37/38-41	Conc>=20%: Xi; R37/38; R41 >=5%Conc<10%: Xi; R36	N	-	-	-	-	-	-	-	-
		T; R23/24/25 R33 N; R50-53	T ; N ; R : 23/24/25 - 33 - 51/53 S : (1/2) - 28 - 37 - 45 - 61	Conc>=25%: T; R23/24/25; R33 >=3%Conc<25%: Xn; R20/21/22; R33 >=1%Conc<3%: Xn; R33 Conc>=25%: T; R25 >=3%Conc<25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
66-71-7	1,10-Phenanthroline	T; R25 N; R50-53	T ; N ; R : 25 - 50/53 S : (1/2) - 45 - 60 - 61	Conc>=25%: T; R25 >=3%Conc<25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
		2,3-Dinitrophenol(Note: see also CAS No 329-71-5; 573-56-8; 577-71-9; & dinitrophenol salts of)	T ; N ; R : 23/24/25 - 33 - 51/53 S : (1/2) - 28 - 37 - 45 - 61	Conc>=25%: T; R23/24/25; R33 >=3%Conc<25%: Xn; R20/21/22; R33 >=1%Conc<3%: Xn; R33 Conc>=25%: T; R25 >=3%Conc<25%: Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
66-76-2	Dicoumarol [3,3'-Methylene bis(4-hydroxycoumarin); 4,4'-Dihydroxy-3,3'-methylenebis(2H-chromen-2-one)] N; R51-53	T; R48/25 Xn; R22	T; N; R: 22 - 48/25 - 51/53, S: (1/2) - 37 - 45 - 61	Conc>=25%; T; R48/25; R22 >=10%Conc<25%; T; R48/25 >=1%Conc<10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68 Repr. Cat. 2; R61 T+; R28 N; R51-53	T+; N; R: 61 - 28 - 51/53 - 68, S: 53 - 45 - 61; Note: E	Conc>=7%; T+; R61; R68; R28 >=1%Conc<7%; T; R61; R68; R25 >=0.5%Conc<1%; T; R61; R22 >=0.1%Conc<0.5%;Xn; R22	Eu	-	-	-	-	-	-	-	-
67-56-1	Methyl alcohol [Methanol]	F; R11 T; R23/24/25 T; R39/23/24/25	F; T; R: 11 - 23/24/25 - 39/23/24/25, S: (1/2) - 7 - 16 - 36/37 - 45	Conc>=20%; T; R23/24/25; R39/23/24/25 >=10%Conc<20%; T; R20/21/22; R39/23/24/25 >=3%Conc<10%; Xn; R20/21/22; R68/20/21/22	Eu; A	Methyl alcohol	200	262	250	328	-	Sk	-
67-63-0	Propan-2-ol [Isopropyl alcohol; Isopropanol]	F; R11 Xn; R36 R67	F; Xi R: 11-36-67 S: (2-7)-16-24/25-26	Conc>=20%; Xi; R36	Eu;A	Isopropyl alcohol	400	983	500	1230	-	-	-
67-64-1	Acetone [Propan-2-one; Propanone]	F; R11 Xi; R36 R66 R67	F; Xi R: 11-36-66-67 S: (2-9)-16-26-46	Conc>=20%; Xi; R36	Eu;A	Acetone	500	1185	1000	2375	-	-	-
67-66-3	Trichloromethane [Chloroform]	Xn; R22-48/20/22 Xi; R38 Carc. Cat. 3; R40	Xn; R: R: 22 - 38 - 40 - 48/20/22, S: (2) - 36/37	Conc>=20%; Xn; R40; R22-48/20/22; R38 >=5%Conc<20%; Xn; R40; R22-48/20/22 >=1%Conc<5%; Xn; R40	Eu; A	Chloroform	2	10	-	-	3	Sk	-
67-72-1	Hexachloroethane				A	Hexachloroethane	1	9.7	-	-	3	-	-
67-97-0	Colecalciferol [Vitamin D3]	T+; R26 T; R24/25-48/25	T+ R: 24/25-26-48/25 S: (1/2)-28-36/37-45	Conc>=25%; T+; R26; 24/25;R48/25 >=10%Conc<25%; T+; R26; R21/22; R48/25 >=7%Conc<10%; T+; R26; R21/22;R48/22 >=3%Conc<7%; T; R23; R21/22; R48/22 >=1%Conc<3%; T; R23; R48/22 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
68-11-1	Acetic acid, mercapto- [Thioglycolic acid]	T; R23/25 Xn; R21 C; R34 R43	T R: 21-23/25-34-43	Conc>=25%; T; R23/25; R34; R21; R43 >=10%Conc<25%; C; R20/22; R34; R43 >=5%Conc<10%; Xn; R20/22; R36/38; R43 >=3%Conc<5%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	N; A	Thioglycolic acid	1	3.8	-	-	-	Sk	-
68-12-2	Dimethyl formamide	Repr. Cat. 2; R61 Xn; R20/21 Xi; R36	T; R: 61 - 20/21 - 36 , S: 53 - 45 ; Note: E	Conc>=25%; T; R61; R20/21; R36 >=20%Conc<25%; T; R61; R36 >=0.5%Conc<20%; T; R61	Eu; A	Dimethylformamid	10	30	-	-	-	Sk	-
69-72-7	Benzoic acid, 2-hydroxy-	Xn; R22 Xi; R41	Xn R: 22-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
70-25-7	1-Methyl-3-nitro-1-nitrosoguanidine	Carc. Cat. 2; R45 Xn; R20 Xi; R36/38 N; R51-53	T; N R: 45-20-36/38-51/53 S: 53-45-61 Note: E	Conc>=25%; T; R45; R20; R36/38 >=20%Conc<25%; T; R45; R36/38 >=0.01%Conc<20%; T; R45	Eu	-	-	-	-	-	-	-	-
70-30-4	2,2'-Methylenebis-(3,4,6-trichlorophenol) [Hexachlorophene]	T; R24/25 N; R50-53	T; N R: 24/25-50/53 S: (1/2)-20-37-45-60-61	Conc>=2%; T; R24/25 >=0.2%Conc<2%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
71-23-8	1-Propanol [Propan-1-ol; n-Propanol; n-Propyl alcohol]	F; R11 Xi; R41 R66 R67	F; Xi R: 11-41-66-67	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	N/Eur; A	Propyl alcohol	200	492	250	614	-	Sk	-
71-36-3	Butan-1-ol [n-Butanol; n-Butyl alcohol]	R10 Xn; R22 Xi; R37/38-41 R67	Xn R: 10-22-37/38-41-67 S: (2-17)/9-13-26-37/39-46	Conc>=25%; Xn; R22; R37/38; R41 >=20%Conc<25%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu;A	n-Butyl alcohol	50 Peak limitation	152 Peak limitation	-	-	-	Sk	-
71-41-0	1-Pentanol(Note: see also CAS No. 584-02-1)	R10 Xn; R20 Xi; R37/38	Xn R: 10-20-37/38 S: (1/2)-36/37-46	Conc>=25%; Xn; R20; R37/38 >=20%Conc<25%; Xi; R37/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
71-43-2	Benzene (gas)	F; R11 Carc. Cat. 1; R45 Muta. Cat. 2; R46 T; R48/23/24/25 Xn; R65 Xi; R36/38	F; T R: 45-46-11-36/38-48/23/24/25-65 S: 53-45; Note: E	Conc>=10%; T; R45; R46; R48/23/24/25; R36/38; R65 >=5%Conc<10%; T; R45; R46; R48/23/24/25; R36/38 >=0.5%Conc<5%; T; R45; R46; R48/20/21/22 >=0.1%Conc<0.5%; T; R45; R46	Eu; A	Benzene	1	3.2	-	-	1	-	-
		F; R11 Carc. Cat. 1; R45 Muta. Cat. 2; R46 T; R48/23/24/25 Xn; R65 Xi; R36/38	F; T R: 45-46-11-36/38-48/23/24/25-65 S: 53-45; Note: E	Conc>=20%; T; R45; R46; R48/23/24/25; R65; R36/38 >=10%Conc<20%; T; R45; R46; R48/23/24/25; R65 >=1%Conc<10%; T; R45; R46; R48/20/21/22 >=0.1%Conc<1%; T; R45; R46	Eu; A	Benzene	1	3.2	-	-	1	-	-
		Carc. Cat. 2; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R60 R42/43 N; R50-53	T; N R: 49-60-42/43-66-50/53 S: 53-45-60-61	Conc>=1%; T; R49; R60; R68; R42/43 >=0.5%Conc<1%; T; R49; R60 >=0.01%Conc<0.5%; T; R49	Eu	-	-	-	-	-	-	-	-
		Xn; R20 N; R59	Xn; N; R: 20 - 59 , S: (2) - 24/25 - 59 - 61 ; Note: F	Conc>=25%; Xn; R20	Eu; A	1,1,1-Trichloroethane	100	555	200	1110	-	-	-
71-48-7	Cobalt acetate				Eu	-	-	-	-	-	-	-	-
71-55-6	1,1,1-Trichloroethane [Methyl chloroform]				Eu; A	1,1,1-Trichloroethane	100	555	200	1110	-	-	-
71-63-6	Digitoxin				Eu	-	-	-	-	-	-	-	-
72-20-8	Erdrim (ISO) [1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene]				Eu; A	Endrin	-	0.1	-	-	-	Sk	-
72-43-5	Methoxychlor				A	Methoxychlor	-	10	-	-	-	-	-
74-31-7	N,N'-Diphenyl-p-phenylenediamine [N,N'-Diphenyl-1,4-Xi; R43 benzenediamine]				Eu	-	-	-	-	-	-	-	Asphyxiant (see Chapter 10)
74-82-8	Methane				Eu	Methane	-	-	-	-	-	-	-
74-83-9	Bromomethane (Gas) [Methyl bromide] (Gas)]				Eu; A	Methyl bromide	5	19	-	-	-	Sk	-
74-83-9	Bromomethane (Liquid) [Methyl bromide (Liquid)]				Eu; A	Methyl bromide	5	19	-	-	-	Sk	-
74-84-0	Ethane				Eu	Ethane	-	-	-	-	-	-	Asphyxiant (see Chapter 10)
74-85-1	Ethylene				Eu	-	-	-	-	-	-	-	-
74-86-2	Acetylene [Ethyne]				Eu	Acetylene	-	-	-	-	-	-	Asphyxiant (see Chapter 10)
74-87-3	Chloromethane [Methyl chloride]				Eu; A	Methyl chloride	50	103	100	207	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
74-88-4	Methyl iodide [Iodomethane]	Carc. Cat. 3; R40 Xn: R21 T: R23/25 Xi: R37/38	T ; R: 21 - 23/25 - 37/38 - 40 S: (1/2) - 36/37 - 38 - 45	Conc>=25%; T; R40; R23/25; R21; R37/38 >=20%Conc<25%; Xn; R40; R20/22; R37/38 >=3%Conc<20%; Xn; R40; R20/22 >=1%Conc<3%; Xn; R40	Eur; A	Methyl iodide	2	12	-	-	3	Sk	-
74-89-5	Methylamine, in aqueous solution (Note: see also CAS No 75-50-3 & 124-40-3)	F+; R12 Xn: R20 Xi: R37/38 R41	F+ ; Xn ; R: 12 - 20 - 37/38 - 41 S: (2) - 16 - 26 - 39	Conc>=5%; Xn; R20; R37/38; R41 >=0.5%Conc<5%; Xi; R36	Eur; A	Methylamine (h)	10	13	-	-	-	-	-
74-90-8	Hydrocyanic acid...% [Hydrogen cyanide...%]	T+; R26/27/28 N: R50-53	R: 26/27/28-50/53 S: (1/2-7/9-16-36/37-38-45-60-61; Note: B	Conc>=7%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eur; A	Hydrogen cyanide (h)	10 Peak limitation	11 Peak limitation	-	-	-	Sk	-
74-90-8	Hydrogen cyanide [Hydrocyanic acid]	F+; R12 T+; R26 N: R50-53	F+ ; T+ ; N ; R: 12 - 26 - 50/53 S: (1/2) - 7/9 - 16 - 36/37 - 38 - 45 - 60 - 61	Conc>=7%; T+; R26 >=1%Conc<7%; T; R23 >=0.1%Conc<1%; Xn; R20	Eur; A	Hydrogen cyanide (h)	10 Peak limitation	11 Peak limitation	-	-	-	Sk	-
74-93-1	Methanethiol [Methyl mercaptan]	F+; R12 T: R23 N: R50-53	F+; T; N R: 12-23-50/53 S: (2)-16-25-60-61	Conc>=5%; T; R23 >=0.5%Conc<5%; Xn; R20	Eur; A	Methyl mercaptan	0.5	0.98	-	-	-	-	-
74-95-3	Dibromomethane [Methane, dibromo]	Xn: R20 R52-53	R: 20-52/53 S: (2)-24-61	Conc>=12.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
74-96-4	Bromoethane [Ethyl bromide]	F; R11 Carc. Cat. 3; R40 Xn: R20/22	F ; Xn ; R: 11 - 20/22 - 40, S: (2) - 36/37	Conc>=25%; Xn; R40; R20/22 >=1%Conc<25%; Xn; R40	Eur; A	Ethyl bromide	5	22	-	-	3	Sk	-
74-97-5	Chlorobromomethane				A	Chlorobromomethane	200	1060	-	-	-	-	-
74-98-6	Propane	F+; R12	F+; R12; S: (2) - 9 - 16		Eu	Propane	-	-	-	-	-	-	Asphyxiant (see Chapter 10)
74-99-7	Methyl acetylene				A	Methyl acetylene	1000	1640	-	-	-	-	-
75-00-3	Chloroethane [Ethane, chloro, Ethyl chloride]	F+; R12 Carc. Cat. 3; R40 R52-53	F+ ; Xn; R: 12 - 40 - 52/53, S: (2) - 9 - 16 - 33 - 36/37 - 61;	Conc>=1%; Xn; R40	Eur; A	Ethyl chloride	1000	2640	-	-	-	-	-
75-01-4	Ethene, chloro [Vinyl chloride, Chloroethylene]	F+; R12 Muta. Cat. 3; R68 Carc. Cat. 1; R45	F+; T R: 12-45-68	Conc>=1%; T; R45; R68 >=0.1%Conc<1%; T; R45	N/Eur; A	Vinyl chloride, monomer	5	13	-	-	1	-	-
75-04-7	Ethylamine	F+; R12 Xi: R36/37	F+ ; Xi ; R: 12 - 36/37 , S: (2) - 16 - 26 - 29	Conc>=20%; Xi; R36/37	Eur; A	Ethylamine	2	3.8	6	11	-	-	-
75-05-8	Acetonitrile [Cyanomethane]	F; R11 Xn: R20/21/22 Xi: R36	F; Xn R: 11 - 20/21/22 - 36 S: (1/2) - 16 - 36/37	Conc>=25%; Xn; R20/21/22; R36 >=20%Conc<25%; Xi; R36	Eur; A	Acetonitrile	40	67	60	101	-	Sk	-
75-07-0	Acetaldehyde [Ethanal]	F+; R12 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn: R22 Xi: R36/37	Xn R: 12-22-36/37-40-68	Conc>=25%; Xn; R40; R68; R22; R36/37 >=20%Conc<25%; Xn; R40; R68; R36/37 >=1%Conc<20%; Xn; R40; R68	N/Eur; A	Acetaldehyde	20	36	50	91	-	-	-
75-08-1	Ethaneethiol [Ethyl mercaptan]	F; R11 Xn: R20 N: R50-53	F ; Xn ; N ; R: 11 - 20 - 50/53 S: (2) - 16 - 25 - 60 - 61	Conc>=25%; Xn; R20	Eur; A	Ethyl mercaptan	0.5	1.3	-	-	-	-	-
75-09-2	Dichloromethane [Methylene chloride]	Carc. Cat. 3; R40 Repr. Cat. 2; R61	Xn ; R: 40 S: (2) - 23 - 24/25 - 36/37	Conc>=1%; Xn; R40 Conc>=5%; T; R61; R62 >=0.5%Conc<5%; T; R61	Eur; A	Methylene chloride	50	174	-	-	3	Sk	-
75-12-7	Formamide	Repr. Cat. 3; R62	R 61-62		N; A	Formamide	10	18	-	-	-	Sk	-
75-15-0	Carbon disulphide	F; R11 Repr. Cat. 3; R62-63 T: R48/23 Xi: R36/38	F ; T ; R: 11 - 36/38 - 48/23 - 62 - 63 , S: (1/2) - 16 - 33 - 36/37 - 45	Conc>=20%; T; R62; R63; R48/23; R36/38 >=1%Conc<20%; T; R62; R63; R48/23 >=0.2%Conc<1%; Xn; R48/20	Eur; A	Carbon disulphide	10	31	-	-	-	Sk	-
75-19-4	Cyclopropane	F+; R12	F+; R12; S: (2) - 9 - 16 - 33		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
75-20-7	Calcium carbide	F; R15	F; R15, S: (2) - 8 - 43		Eu	-	-	-	-	-	-	-	-
75-21-8	Ethylene oxide [Oxirane]	F+; R12 R6 Carc. Cat. 2; R45 Muta. Cat. 2; R46 T; R23 Xi; R36/37/38	F+; T R: 45-46-6-12-23-36/37/38 S: 53-45 Note: E	Conc>=5%; T; R45; R46; R23; R36/37/38 >=0.5%Conc<5%; T; R45; R46; R20 >=0.1%Conc<0.5%; T; R45; R46	Eu/A	Ethylene oxide	1	1.8	-	-	2	-	-
75-25-2	Bromoform [Tribromomethane]	T; R23 Xn; R22 Xi; R36/38 N; R51-53	T; N R: 22-23-36/38-51/53 S: (1/2)-28-45-63-61	Conc>=25%; T; R23; R22; R36/38 >=20%Conc<25%; Xn; R20; R36/38 >=3%Conc<20%; Xn; R20	Eu/A	Bromoform	0.5	5.2	-	-	-	Sk	-
75-26-3	2-Bromopropane	F; R11 Repr. Cat. 1; R60 Xn; R48/20 R66	F ; T ; R: 60 - 11 - 48/20 - 66 S: 16 - 53 - 45; Note: E	Conc>=10%; T; R60; R48/20 >=0.5%Conc<10%; T; R60	Eu	-	-	-	-	-	-	-	-
75-28-5	Isobutane, (containing >=0.1% butadiene (203-460-8))(Note: see also CAS No 106-97-8)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45 - 46 - 12 S: 53 - 45 Notes: C		Eu	-	-	-	-	-	-	-	-
75-29-6	2-Chloropropane(Note: see also CAS No 540-54-5)	F; R11 Xn; R20/21/22	F ; Xn ; R: 11 - 20/21/22, S: (2) - 9 - 29 ; Note: C	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
75-31-0	2-Aminopropane [Isopropylamine]	F+; R12 Xi; R36/37/38	F+; Xi ; R: 12 - 36/37/38 , S: (2) - 16 - 26 - 29	Conc>=20%; Xi; R36/37/38	Eu; A	Isopropylamine	5	12	10	24	-	-	-
75-34-3	1,1-Dichloroethane [Ethane, 1,1-dichloro]	F; R11 Xn; R22 Xi; R36/37 R52-53	F+; Xn R: 12-20-40 R: 11-22-36/37-52/53 S: (2)-16-23-61	Conc>=20%; Xn; R22; R36/37 >=12.5%Conc<20%; Xn; R22	Eu; A	1,1-Dichloroethane	100	412	-	-	-	Sk	-
75-35-4	1,1-Dichloroethylene [Vinylidene chloride]	F; R12 Carc.Cat.3; R40 Xn; R20	F+; Xn R: 12-20-40 S: (2-17)-16-29-36/37-46; Note: D	Conc>=12.5%; Xn; R40; R20 >=1%Conc<12.5%; Xn; R40	Eu; A	Vinylidene chloride	5	20	20	79	-	-	-
75-36-5	Acetyl chloride	F; R11 R14 C; R34	F ; C ; R: 11 - 14 - 34, S: (1/2) - 9 - 16 - 26 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
75-43-4	Dichlorodifluoromethane [FC-21]			Conc>=5%; T+; R26; R34 >=1%Conc<5%; T+; R26; R36/37/38 >=0.5%Conc<1%; T; R23; R36/37/38 S: (1/2) - 9 - 26 - 36/37/39 - 45 >=0.02%Conc<0.2%; Xn; R20	A	Dichlorodifluoromethane	10	42	-	-	-	-	-
75-44-5	Phosgene [Carbonyl chloride]	T+; R26 C; R34	T+ ; R: 26 - 34, S: (1/2) - 9 - 26 - 36/37/39 - 45		Eu; A	Phosgene	0.02	0.08	0.06	0.25	-	-	-
75-45-6	Chlorodifluoromethane				A	Chlorodifluoromethane	1000	3540	-	-	-	-	-
75-47-8	Iodoform				A	Iodoform	0.6	10	-	-	-	-	-
75-50-3	Trimethylamine% (Note: see also CAS No 74-89-5 & 124-40-3)	F+; R12 Xn; R20/22 C; R34	F+ ; C ; R: 12 - 20/22 - 34, S: (1/2) - 3 - 16 - 26 - 29 - 36/37/39 - 45; Note: B	Conc>=15%; C; R34; R20/22 >=10%Conc<15%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu; A	Trimethylamine (h)	10	24	15	36	-	-	-
75-50-3	Trimethylamine(Note: see also CAS No 74-89-5 & 124-40-3)	F+; R12 Xn; R20 Xi; R37/38 R41	F+ ; Xn ; R: 12 - 20 - 37/38 - 41, S: (2) - 16 - 26 - 39	Conc>=5%; Xn; R20; R37/38; R41 >=0.5%Conc<5%; Xi; R36	Eu; A	Trimethylamine (h)	10	24	15	36	-	-	-
75-52-5	Nitromethane	R5-10 Xn; R22	Xn ; R: 5 - 10 - 22 , S: (2) - 41	Conc>=12.5%; Xn; R22	Eu; A	Nitromethane	20	50	-	-	-	-	-
75-55-8	2-Methylaziridine [Propyleneimine]	F; R11 Carc. Cat. 2; R45 T+; R26/27/28 Xi; R41 N; R51-53	F, T+; N R: 45-11-26/27/28-41-51/53 S: 53-45-61; Note: E	Conc>=10%; T+; R45; R26/27/28; R41 >=7%Conc<10%; T+; R45; R26/27/28; R36 >=5%Conc<7%; T; R45; R23/24/25; R36 >=1%Conc<5%; T; R45; R23/24/25 >=0.1%Conc<1%; T; R45; R20/21/22 >=0.01%Conc<0.1%; T; R45	Eu; A	Propylene imine	2	4.7	-	-	2	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
75-56-9	Oxirane, methyl- [Propylene oxide; 1,2-Epoxypropane; Methylloxirane]	F+; R12	F+; T R: 12-45-46-20/21/22-34-37	Conc>=25%; T; R45; R46; R34; R20/21/22; R37	N/Eu; A	Propylene oxide	20	48	-	-	2	-	-
		Carc. Cat. 2; R45		>=20%Conc<25%; T; R45; R46; R34; R37									
		Muta. Cat. 2; R46		>=10%Conc<20%; T; R45; R46; R34									
		Xn; R20/21/22		>=5%Conc<10%; T; R45; R46; R36/38									
75-61-6	Difluorodibromomethane [Dibromodifluoromethane]	F; R11 Xn; R20 Xi; R37-41	F; Xn R: 11-20-37-41	Conc>=25%; Xn; R20; R37; R41	A	Difluorodibromomethane	100	858	-	-	-	-	-
				>=20%Conc<25%; Xi; R37; R41									
75-63-8	Bromotrifluoromethane [Trifluorobromomethane]			>=10%Conc<20%; Xi; R41	A	Trifluorobromomethane	1000	6090	-	-	-	-	-
75-65-0	2-Propanol, 2-methyl- [2-Methylpropan-2-ol; tert-Butyl alcohol]	Xn; R37-41		>=5%Conc<10%; Xi; R36	N/Eu; A	tert-Butyl alcohol	100	303	150	455	-	-	-
75-69-4	Trichlorofluoromethane				A	Trichlorofluoromethane	1000	Peak limitation	-	-	-	-	-
75-71-8	Dichlorodifluoromethane				A	Dichlorodifluoromethane	1000	4950	-	-	-	-	-
75-74-1	Plumbane, tetramethyl-	Carc. Cat. 3; R40 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T+; R26/27/28 T; R48/23/25	T+ R: 61-26/27/28-40-48/23/25-62	Conc>=10%; T+; R40; R61; R62; R26/27/28; R48/23/25	N	Tetramethyl lead (as Pb)	-	0.15	-	-	-	Sk	-
				>=7%Conc<10%; T+; R40; R61; R62; R26/27/28; R48/20/22									
				>=5%Conc<7%; T; R40; R61; R62; R23/24/25; R48/20/22									
				>=1%Conc<5%; T; R40; R61; R23/24/25; R48/20/22									
75-75-2	Methanesulphonic acid	C; R34	C; R34 , S: (1/2) - 26 - 36 - 45	Conc>=10%; C; R34	Eu	-	-	-	-	-	-	-	-
75-78-5	Dimethyldichlorosilane	F; R11 Xi; R36/37/38	F; Xi; R: 11 - 36/37/38, S: (2)	>=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
75-79-6	Trichloro(methyl)silane [Methyltrichlorosilane]	R14 F; R11 Xi; R36/37/38	F; Xi; R: 11 - 14 - 36/37/38 , S: (2) - 26 - 39	Conc>=20%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
75-83-2	2,2-Dimethylbutane(Note: see also CAS No. 107-83-5, 96-14-0 & 79-29-8)	F; R11 Xn; R65 Xi; R38 R67 N; R51-53	F; Xn; N R: 11-38-65-67-51/53 S: (2)-9-16-29-33-61-62 Note: C	Conc>=20%; Xn; R65; R38	Eu/A	Hexane, other isomers	500	1760	1000	3500	-	-	-
				>=10%Conc<20%; Xn; R65									
75-85-4	2-Methylbutan-2-ol [tert-Pentanol]	F; R11 Xn; R20 Xi; R37/38	F; Xn R: 11-20-37/38 S: (2)-46	Conc>=25%; Xn; R20; R37/38 >=20%Conc<25%; Xi; R37/38	Eu	-	-	-	-	-	-	-	-
75-86-5	2-Cyanopropan-2-ol [Acetone cyanohydrin; 2-Hydroxy 2-methylpropanitrile]	T+; R26/27/28 N; R50-53	T+; N; R: 26/27/28 - 50/53, S: (1/2) - 7/9 - 27 - 45 - 60 - 61	Conc>=7%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >= 0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
75-99-0	Dalapon [2,2-Dichloropropionic acid](Note: see also CAS No. 127-20-8)	Xi; R38-41 R52-53	Xi R: 38-41-52/53 S: (2)-26-39-61	Conc>=20%; Xi; R41; R38 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu/A	2,2-Dichloropropionic acid	1	5.8	-	-	-	-	-
76-01-7	Pentachloroethane	Carc. Cat. 3; R40 T; R48/23 N; R51-53	T; N R: 40-48/23-51/53 S: (1/2)-23-36/37-45-61	Conc>=1%; T; R40; R48/23 >=0.2%Conc<1%; Xn; R48/20	Eu	-	-	-	-	-	-	-	-
76-03-9	Trichloroacetic acid	C; R35 N; R50-53	C; N R: 35-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/37/38	Eu; A	Trichloroacetic acid	1	6.7	-	-	-	-	-
76-05-1	Trifluoroacetic acid . . . %	Xn; R20 C; R35 R52-53	C R: 20-35-52/53 S: (1/2)-9-26-27-28-45-61; Note: B	Conc>=10%; C; R20; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
76-06-2	Trichloronitromethane [Chloropicrin]	T+: R26 T: R48/23 Xn: R22 Xi: R36/37/38	T+: R: 22 - 26 - 36/37/38 - 48/23 S: (1/2) - 36/37 - 38 - 45	Conc>=25%: T+: R26: R48/23; R22: R36/37/38 >=20% Conc<25%: T+: R26; R48/23; R36/37/38 >=10% Conc<20%: T+: R26; R48/23 >=7% Conc<10%: T+: R26; R48/20 >=1% Conc<7%: T: R23; R48/20 >=0.1 Conc<1%: Xn: R20	V/Eur: A	Chloropicrin	0.1	0.67	-	-	-	-	-
76-11-9	1,1,1,2-Tetrachloro-2,2-difluoroethane				A	1,1,1,2-Tetrachloro-2,2-difluoroethane	500	4170	-	-	-	-	-
76-12-0	1,1,2,2-Tetrachloro-1,2-difluoroethane				A	1,1,2,2-Tetrachloro-1,2-difluoroethane	500	4170	-	-	-	-	-
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane				A	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	7670	1250	9590	-	-	-
76-14-2	Dichlorotetrafluoroethane [Cryofluorane]				A	Dichlorotetrafluoroethane	1000	6990	-	-	-	-	-
76-15-3	Chloropentafluoroethane				A	Chloropentafluoroethane	1000	6320	-	-	-	-	-
76-22-2	Camphor, synthetic [Boman-2-one]				A	Camphor, synthetic	2	12	3	19	-	-	-
76-44-8	Heptachlor (ISO) [1,4,5,6,7,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methanindene]	T: R24/25 Carc. Cat. 3; R40 R33 N: R50-53	T: N: R: 24/25 - 33 - 40 - 50/63 , S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%: T: R40; R24/25; R33 >=3% Conc<25%: Xn: R40; R21/22; R33 >=1% Conc<3%: Xn: R40; R33	Eur: A	Heptachlor (h)	-	0.5	-	-	-	Sk	-
76-87-9	Fentin hydroxide (ISO) [Triphenyltin hydroxide]	Carc. Cat. 3; R40 Repr. Cat. 3; R63 T+: R26 T: R24/25-48/23 Xi: R37/38-41 N: R50-53	T+: N R: 24/25-26-37/38-40-41-48/23-63-50/53 S: (1/2)-26-28-36/37/39-45-60-61	Conc>=25%: T+: R40; R63; R26; R24/25; R48/23; R37/38; R41 >=20% Conc<25%: T+: R40; R63; R26; R48/23; R21/22; R37/38; R41 >=10% Conc<20%: T+: R40; R63; R26; R48/23; R21/22; R41 >=7% Conc<10%: T+: R40; R63; R26; R21/22; R48/20; R36 >=5% Conc<7%: T: R40; R63; R23; R21/22; R48/20; R36 >=3% Conc<5%: T: R40; R23; R21/22; R48/20 >=1% Conc<3%: T: R40; R23; R48/20 >=0.1% Conc<1%: Xn: R20	Eu: A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
77-09-8	Phenolphthalein	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62	T R: 45-62-68 S: 53-45	Conc>=5%: T: R45; R62; R68 >=1% Conc<5%: T: R45; R68	Eu	-	-	-	-	-	-	-	-
77-47-4	Hexachlorocyclopentadiene [1,3-Cyclopentadiene, 1,2,3,4,5-hexachloro]	T+: R26 T: R24 Xn: R22 C: R34 N: R50-53	T+: N: R: 22 - 24 - 26 - 34 - 50/53, S: (1/2) - 25 - 39 - 45 - 53 - 60 - 61	Conc>=25%: T+: R26; R24; R34; R22 >=10% Conc<25%: T+: R26; R21; R34 >=7% Conc<10%: T+: R26; R21; R36/38 >=5% Conc<7%: T: R23; R21; R36/38 >=3% Conc<5%: T: R23; R21 >=1% Conc<3%: T: R23 >=0.1% Conc<1%: Xn: R20	Eu: A	Hexachlorocyclopentadiene	0.01	0.11	-	-	-	-	-
77-73-6	3a,4,7,7a-Tetrahydro-4,7-methanindene [4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro; Dicyclopentadiene]	F: R11 Xn: R20/22 Xi: R36/37/38 N: R51-53	F: Xn: N: R: 11 - 20/22 - 36/37/38 - 51/53, S: (2) - 36/37 - 61	Conc>=25%: Xn: R20/22; R36/37/38 >=20% Conc<25%: Xi: R36/37/38	Eu: A	Dicyclopentadiene	5	27	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
77-78-1	Dimethyl sulphate	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T+; R26 T; R25 C; R24 R43	T+ R: 45-25-26-34-43-68 S: 53-45; Note: E Xi	Conc>=25%; T+; R45; R68; R26; R25; R34; R43 >=10%Conc<25%; T+; R45; R68; R26; R22; R34; R43 >=7%Conc<10%;T+; R45; R68; R26; R22; R36/37/38; R43 >=5%Conc<7%;T; R45; R68; R23; R22; R36/37/38; R43 >=3%Conc<5%;T; R45; R68; R23; R22; R43 >=1%Conc<3%;T; R45; R68; R23; R43 >=0.1%Conc<1%; T; R45; R68; R20 >=0.01%Conc<0.1%;T; R45-68	Eur; A	Dimethyl sulphate	0.1	0.52	-	-	2	Sk	-
77-92-9	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	Xi; R36/37/38	R: 36/37/38	Conc>=20%; Xi; R36/37/38	N	-	-	-	-	-	-	-	-
78-00-2	Plumbane, tetraethyl-	R10 Xn; R20 Xi; R36/37	Xn; R: 10 - 20 - 36/37, S: (2)	Conc>=10%; T+; R40; R61; R62; R26/27/28; R48/23/25 >=7%Conc<10%; T+; R40; R61; R62; R26/27/28; R48/20/22 >=5%Conc<7%; T; R40; R61; R62; R23/24/25; R48/20/22 >=1%Conc<5%; T; R40; R61; R23/24/25; R48/20/22 R: 61-26/27/28-40-48/23/25- 62	N	Tetraethyl lead (as Pb)	-	0.1	-	-	-	Sk	-
78-10-4	Ethyl silicate [Tetraethyl orthosilicate]	Xn; R20 Xi; R36/37	Xn; R: 10 - 20 - 36/37, S: (2)	Conc>=25%; Xn; R20; R36/37 >=20%Conc<25%; Xi; R36/37	Eur; A	Ethyl silicate	10	85	-	-	-	-	-
78-11-5	Pentaerythritol tetranitrate [PETN]	E; R3	E; R3 S: (2) - 35		Eu	-	-	-	-	-	-	-	-
78-18-2	1-Hydroperoxycyclohexyl 1-hydroxycyclohexyl peroxide (Note: see also CAS No. 2407-94-5, 2699-11-C; R34 & 12262-58-7)	E; R3 O; R7 C; R34 Xn; R22	E; C R: 3-7-22-34 S: (1/2-3/7-14-36/37/39-45 Note: C	Conc>=25%; C; R34; R22; >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
78-30-8	Tricresyl phosphate (o-o-o, o-o-m, o-o-p, o-m-m, o-m-p, o-p-p) [Triorthocresyl phosphate; Tritolyl phosphate] (Note: For Tricresyl phosphate to have UN No. 2574 there must be present greater than 3% of the ortho-isomer)	T; R39/23/24/25 N; R51-53	T; N R: 39/23/24/25-51/53 S: (1/2-20/21-28-45-61; Note: C	Conc>=1%; T; R39/23/24/25 >=0.2%Conc<1%; Xn; R69/20/21/22	Eur; A	Triorthocresyl phosphate	-	0.1	-	-	-	Sk	-
78-32-0	Tricresyl phosphate (m-m-m, m-m-p, m-p-p, p-p-p) [Tritolyl phosphate]	Xn; R21/22 N; R51-53	Xn; N R: 21/22-51/53 S: (2)-28-61; Note: C	Conc>=5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
78-34-2	Dioxathion (ISO) [1,4-Dioxan-2,3-diyl-O,O,O'-O'-tetraethyl di(phosphorodithioate)]	T+; R26/28 T; R24 N; R50-53	T+; N R: 24-26/28-50/53 S: (1/2-28-36/37-45-60-61	Conc>=25%; T+; R26/28; R24 >=7%Conc<25 %; T+; R26/28; R21 >=3%Conc<7%; T; R23/25; R21 >=1%Conc<3%; T; R23/25 >=0.1% Conc<1%; Xn; R20/22	Eur; A	Dioxathion	-	0.2	-	-	-	Sk	-
78-40-0	Triethyl phosphate	Xn; R22	Xn; R: R: 22 , S: (2) - 25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
78-48-8	S,S,S Tributyl phosphorodithioate	T; R48/23/24 Xn; R20/21/22 Xi; R38	T; R: 20/21/22 - 38 - 48/23/24	Conc>=25%; T; R48/23/24; R20/21/22; R38 >=20%Conc<25%; T; R48/23/24; R38 >=10%Conc<20%; T; R48/23/24 >=1%Conc<10%; Xn; R48/20/21	V	-	-	-	-	-	-	-	-
78-57-9	Mezaxon [Phosphorodithioic acid, S-[(4,6-diamino-1,3,5-triazin-2-yl)methyl] O,O-dimethyl ester]	Xn; R22 R52-53	Xn; R: 22 - 52/53 S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
78-59-1	Isophorone [3,5,5-Trimethylcyclohex-2-enone]	Carc. Cat. 3; R40 Xn; R21/22 Xi; R36/37	Xn; R: 21/22 - 36/37 - 40, S: (2) - 13 - 23 - 36/37/39 - 46	Conc>=25%; Xn; R40; R21/22; R36/37 >=10%Conc<25%; Xn; R40 >=1%Conc<10%; Xn; R40	Eur; A	Isophorone	5 Peak limitation	28 Peak limitation	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
78-67-1	2,2'-Dimethyl-2,2'-azodipropionitrile [ADZN]	E; R2	E ; Xn ; R : 2 - 11 - 20/22 - 52/53. S: (2) - 39 - 41 - 47 - 61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
		F; R11											
		Xn; R20/22 R52-53											
78-78-4	Isopentane [2-Methylbutane](Note: see also CAS No. 109-66-0)	F+; R12	F+; Xn; N R: 12-65-66-67-51/53 S: (2)-9-16-29-33-61-62 Note: C	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
		Xn; R65											
		R66 R67 N; R51-53											
78-79-5	1,3-Butadiene, 2-methyl- [Isoprene (stabilized)]; 2-Methyl-1,3-butadiene]	F+; R12	Conc>=20%; T; R45; R62; R63; R68; R37 >=5%Conc<20%; T; R45; R62; R63; R68 >=1%Conc<5%; T; R45; R68 R: 12-45-37-62-63-68-52-53	>=0.1%Conc<1%; T; R45	NEu	-	-	-	-	-	-	-	-
		R10											
		Xi; R37/38-41 R67											
78-83-1	2-Methylpropan-1-ol [Isobutanol; Isobutyl alcohol]	F; R11	F ; Xn ; R : 11 - 20/22. S: (2) - 16 - 24	Conc>=25%; Xn; R20/22	Eu; A	Propylene dichloride	75	347	110	508	-	-	-
		Xn; R20/22											
		F; R11											
78-87-5	1,2-Dichloropropane [Propylene dichloride]	Xn; R20/22	Conc>=25%; Xn; R68; R20/21/22; R37/38; R41 >=20%Conc<25%; Xn; R68; R37/38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Conc>=25%; Xn; R20/22	Eu; A	Isobutyl alcohol	50	152	-	-	-	-	-
		R10											
		Xi; R37/38-41 R67											
78-88-6	2,3-Dichloropropene [2,3-Dichloropropylene]	F; R11	F ; Xn ; R : 11 - 20/21/22 - 37/38 - 41 - 52/53 - 68. S: (2) - 9 - 16 - 23 - 26 - 36/37/39 - 61	Conc>=25%; C; R35; R21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68 Xn; R20/21/22 Xi; R37/38-41 R52-53											
		R10 Xn; R21/22. C; R35											
78-90-0	1,2-Propylene diamine	R10	Xi R: 10-36/37-67 S: (2)-17/9-13-24/25-26-46 Note: C	Conc>=20%; Xi; R36/37	Eu;A	sec-Butyl alcohol	100	303	-	-	-	-	-
		Xi; R36/37 R67											
		F; R11 Xi; R36 R66 R67											
78-93-3	Butanone [Ethyl methyl ketone; Methyl ethyl ketone]	F; R11 Xi; R36 R66 R67	F ; Xi R: 11-36-66-67 S: (2)-9-16	Conc>=20%; Xi; R36	Eu;A	Methyl ethyl ketone (MEK)	150	445	300	890	-	-	-
78-95-5	Chloroacetone		Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	A	Chloroacetone	1 Peak limitation	3.8 Peak limitation	-	-	-	Sk	-
78-96-6	2-Propanol, 1-amino- [1-Aminopropan-2-ol; Isopropanolamine]	Xn; R21/22 C; R34	C R: 21/22-34	Conc>=5%; Xn; R20/21/22; R40 >=1%Conc<5%; Xn; R40	N	-	-	-	-	-	-	-	-
79-00-5	1,1,2-Trichloroethane	Carc. Cat. 3; R40 Xn; R20/21/22 R66	Xn R: 20/21/22-40-66 S: (2)-9-36/37-46	Conc>=5%; Xn; R20/21/22; R40 >=1%Conc<5%; Xn; R40	Eu; A	1,1,2-Trichloroethane	10	55	-	-	-	Sk	-
79-01-6	Ethene, trichloro [Trichloroethylene; Trichloroethene]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 R67 Xi; R36/38 R52-53	T R: 45 - 36/38 - 52/53 - 67 - 68 S: 23 - 36/37 - 53 - 45 - 61	Conc>=20%; T; R45; R68; R36/38 >=1%Conc<20%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu;N; A	Trichloroethylene	10	54	40	216	-	Sk	-
79-03-8	Propionyl chloride [Propanoyl chloride]	F; R11 R14 C; R34	F ; C ; R : 11 - 14 - 34. S: (1/2) - 9 - 16 - 26 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
			F; R11 T+; R26 Xn; R21/22 C; R34	Conc>=25%: T+; R26; R34; R21/22 >=10%Conc<25%: T+; R26; R34 >=7%Conc<10%: T+; R26; R36/38 >=5%Conc<7%: T; R23; R36/38 >=1%Conc<5%: T; R23 >=0.1% Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	
79-22-1	Methyl chloroformate	R10. Xn; R20/22	Xn; R: 10 - 20/22 , S: (2) - 9 - 25 - 41	Conc>=12.5%: Xn; R20/22	Eu; A	Nitroethane	100	307	-	-	-	-	-
79-24-3	Nitroethane			Conc>=20%: T+; R26; R36 >=7%Conc<20%: T+; R26 >=1%Conc<7%: T; R23 >=0.1%Conc<1%; Xn; R20	Eu; A	1,1,2,2-Tetrabromoethane	1	14	-	-	-	-	-
79-27-6	1,1,2,2-Tetrabromoethane [Ethane 1,1,2,2-tetrabromo]	T+; R26 Xi; R36 R52-53	T+ R: 26-36-52/53 S: (1/2)-24-27-45-61		Eu; A								
		F; R11 Xn; R65 Xi; R38 R67 N; R51-53	F; Xn; N R: 11-36-65-67-51/53 S: (2-39-16-29-33-61-62 Note: C	Conc>=20%: Xn; R65; R38 >=10%Conc<20%: Xn; R65 Conc>=10%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xi; R36/38	Eu;A	Hexane, other isomers	500	1760	1000	3500	-	-	-
79-29-8	2,3-Dimethylbutane(Note: see also CAS No. 107-83-5, 96-14-0 & 75-83-2)		F; C; R: 11 - 35, S: (1/2) - 16 - 23 - 26 - 36 - 45		Eu	-	-	-	-	-	-	-	-
79-30-1	Isobutyl chloride	F; R11 C; R35	Xn; R: 21/22 , S: (2)	Conc>=25%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-
79-31-2	Isobutyric acid	Xn; R21/22	T+; N R: 26/27-51/53 S: (1/2)-38-45-61	Conc>=7%: T+; R26/27 >=1%Conc<7%: T; R23/24 >=0.1%Conc<1%; Xn; R20/21	Eu; A	1,1,2,2-Tetrachloroethane	1	6.9	-	-	-	Sk	-
79-34-5	1,1,2,2-Tetrachloroethane			Conc>=10%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
79-36-7	Dichloroacetyl chloride	C; R35 N; R50	C ; N ; R: 35 - 50, S: (1/2) - 9 - 26 - 45 - 61		Eu	-	-	-	-	-	-	-	-
			C R: 21/22 - 35 S: (1/2) - 26 - 36/37/39 - 45; Note: D	Conc>=25%: C; R21/22; R35 >=10%Conc<25%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xi; R36/37/38	Eu; A	Methacrylic acid	20	70	-	-	-	-	-
79-41-4	Methacrylic acid [2-Methylpropenoic acid]	Xn; R21/22 C; R35		Conc>=10%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
79-43-6	Dichloroacetic acid	C; R35 N; R50	C ; N ; R: 35 - 50, S: (1/2) - 26 - 45 - 61		Eu	-	-	-	-	-	-	-	-
				Conc>=25%: T; R45; R23; R22; R36/37/38 >=20%Conc<25%: T; R45; R20; R36/37/38 >=3%Conc<20%: T; R45; R20 >=0.001%Conc<3%: T; R45	Eu; A	Dimethyl carbamoyl chloride (d)	-	-	-	-	2	-	-
79-44-7	Dimethylcarbamoyl chloride	R10 Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn; R20/22	T R: 45 - 22 - 23 - 36/37/38 S: 53 - 45 ; Note: E	Conc>=25%: T; R45; R68; R20/22 >=1%Conc<25%: T; R45; R68 >=0.1%Conc<1%: T; R45	N/Eu; A	2-Nitropropane	10	36	-	-	-	-	-
79-46-9	Propane, 2-nitro- [2-Nitropropane]				Eu	-	-	-	-	-	-	-	-
79-94-7	Tetrabromobisphenol-A [2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol]	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
		Repr. Cat. 3; R62 Xi; R37-41 R43 R52	Xn R: 37-41-43-62-52 S: (2)-26-36/37-39-46-61	Conc>=20%: Xn; R62; R37; R41; R43 >=10%Conc<20%: Xn; R62; R41; R43 >=5%Conc<10%: Xn; R62; R36; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
80-05-7	Bisphenol A [4,4'-Isopropylidenediphenol]		Xn; N R: 22 - 51/53 S: (2) - 36 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
80-06-8	Chlorfenethol (ISO) [1,1-Bis (4-chlorophenyl) ethanol]	Xn; R22 N; R51-53	Xn; R: 22 , S: (2) - 22	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
80-08-0	Dapsone [4,4'-Diamino diphenyl sulfone]	Xn; R22		Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
		O; R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51-53	O; T; N R: 7-21/22-23-34-48/20/22-51/53 S: (1/2)-3/7-14-36/37/39-45-50-61	Conc>=25%: T; R23; R21/22; R48/20/22; R34 >=10%Conc<25%: C; R34; R20; R48/20/22 S: (1/2)-3/7-14-36/37/39-45-50-61 >=1%Conc<3%: Xi; R36/37	Eu	-	-	-	-	-	-	-	-
80-15-9	Cumene hydroperoxide [alpha, alpha-Dimethylbenzyl hydroperoxide; Cumyl hydroperoxide]				Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
80-33-1	Chlorfenson (ISO) [4-Chlorophenyl 4-chlorobenzenesulphonate]	Xn: R22	Xn : N ; R : 22 - 38 - 50/53, S : (2) - 37 - 60 - 61	Conc=>25%; Xn; R22; R38 >=20%Conc<25%; Xi; R38	Eu	-	-	-	-	-	-	-	-
		Xi: R38 N: R50-53											
80-38-6	Fenson [4-Chlorophenyl benzenesulphonate]	Xn: R22	Xn : N ; R : 22 - 38 - 51/53, S : (2) - 24 - 26 - 61	Conc=>25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
		Xi: R36 N: R51-53											
80-43-3	Bis (alpha.alpha-dimethylbenzyl) peroxide [Dicumyl peroxide]	O: R7 Xi: R36/38 N: R51-53	O : Xi ; N ; R : 7 - 36/38 - S : (2) - 37 - 14 - 36/37/39 - 61	Conc=>20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
		O: R7 C: R34 Xn: R20											
80-47-7	8-p-Menthyl hydroperoxide [p-Menthane hydroperoxide]	O: R7 C: R34 Xn: R20	O : C ; R : 7 - 20 - 34, S : (1/2) - 37 - 14 - 36/37/39 - 45	Conc=>25%; C; R34; R20 =>10%Conc<25%; C; R34 =>5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
		F: Xi R: R11 Xi: R37/38 R43											
80-62-6	Methyl methacrylate [Methyl 2-methylprop-2-enoate; Methyl 2-methylpropenoate]	F: R11 Xi: R37/38 R43	R: R11 - 37/38 - 43 S : (2) - 24 - 37 - 46; Note: D	Conc=>20%; Xi; R37/38; R43 =>1%Conc<20%; Xi; R43	Eur; A	Methyl methacrylate	50	208	100	416	-	-	-
81-14-1	Musk ketone [3,5-Dinitro-2,6-dimethyl-4-tert-butylacetophenone; 4'-tert-Butyl-2',6'-dimethyl-3',5'-dinitroacetophenone]	Carc. Cat. 3; R40 N: R50-53	Xn: N R: 40-50/53 S : (2) - 36/37-46-60-61	Conc<=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 E: R2 N: R50-53											
81-15-2	Musk xylene [5-tert-Butyl-2,4,6-trinitro-m-xylene]	Carc. Cat. 3; R40 E: R2 N: R50-53	R: 2-40-50/53 S : (2) - 36/37-46-60-61	Conc<=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
		Repr. Cat. 1; R61 T: R48/25 R52-53											
81-81-2	Warfarin [4-Hydroxy-3-(3-oxo-1-phenylbutyl)coumarin](Note: see also CAS No 5543-57-7 & 5543-58-8)	Repr. Cat. 1; R61 T: R48/25 R52-53	T ; R : 61 - 48/25 - 52/53, S : 53 - 45 - 61; Note: E	Conc=>10%; T; R61; R48/25 =>1%Conc<10%; T; R61; R48/22 =>0.5%Conc<1%; T; R61	Eur; A	Warfarin	-	0.1	-	-	-	-	-
81-82-3	Coumachlor (ISO) [3-(1-(4-Chlorophenyl)-3-oxobutyl)-4-hydroxycoumarin]	Xn: R48/22 R: R52-53	Xn : R : 48/22 - 52/53, S : (2) - 37 - 61	Conc<=10%; Xn; R48/22 Conc=>=10%; T+; R28; R48/23/24/25 =>7%Conc<10%; T+; R28; R48/20/21/22 =>1%Conc<7%; T; R25; R48/20/21/22 =>0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
82-66-6	Diphacinone (ISO) [2-Diphenylacetylindan-1,3-dione]	T+; R28 T: R48/23/24/25	T+ ; R : 28 - 48/23/24/25, S : (1/2) - 36/37 - 45	Conc<=10%; T+; R28; R48/20/21/22 =>7%Conc<10%; T+; R28; R48/20/21/22 =>1%Conc<7%; T; R25; R48/20/21/22 =>0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
82-68-8	Quintozene (ISO) [Pentachloronitrobenzene]	R43 N: R50-53	Xi: N R: 43-50/53 S : (2) - 13-24-37-60-61	Conc<=1%; Xi; R43	Eur; A	Pentachloronitrobenzene	-	0.5	-	-	-	-	-
82-71-3	2,4,6-Trinitroresorcinol [Syphnic acid]	E: R3 R4 Xn: R20/21/22	R: 3-4-20/21/22 S : (2) - 35-36/37	Conc<=25%; Xn; R20/21/22 Conc=>=25%; T; R25; R48/25 =>10%Conc<25%; T; R48/25; R22 =>3%Conc<10%; Xn; R22; R48/22 =>1%Conc<3%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
83-26-1	Pindone (ISO) [2-Pivaloylindan-1,3-dione]	T; R25-48/25 Xi: R36/37/38 N: R50-53	T ; N ; R : 25 - 48/25 - 50/53, S : (1/2) - 37 - 45 - 60 - 61	Conc=>25%; T; R25; R48/25 =>10%Conc<25%; T; R48/25; R22 =>3%Conc<10%; Xn; R22; R48/22 =>1%Conc<3%; Xn; R48/22	Eur; A	Pindone	-	0.1	-	-	-	-	-
83-59-0	Dipropyl 6,7-methylenedioxy-1,2,3,4-tetrahydro-3-methylnaphthalene-1,2-dicarboxylate [Propylisome]	T: R24 Xn: R22 N: R50-53	T ; N ; R : 22 - 24 - 50/53, S : (1/2) - 36/37 - 45 - 60 - 61	Conc<=25%; T; R24; R22 =>3%Conc<25%; Xn; R21	Eu	-	-	-	-	-	-	-	-
83-79-4	(2R,6aS,12aS)-1,2,6,8a,12,12a-Hexahydro-2-isopropenyl-8,9-dimethoxychromene[3,4-b]furo[2,3-h]chromen-6-one [Derris, Rotenone]	T: R25 Xi: R36/37/38 N: R50-53	T ; N ; R : 25 - 36/37/38 - 50/53, S : (1/2) - 22 - 24/25 - 36 - 45 - 60 - 61	Conc=>25%; T; R25; R36/37/38 =>20%Conc<25%; Xn; R22; R36/37/38 =>3%Conc<20%; Xn; R22	Eur; A	Rotenone (commercial)	-	5	-	-	-	-	-
84-66-2	Diethyl phthalate		T ; N ; R : 25 - 36/37/38 - 50/53, S : (1/2) - 22 - 24/25 - 36 - 45 - 60 - 61	Conc=>25%; T; R25; R36/37/38 =>20%Conc<25%; Xn; R22; R36/37/38 =>3%Conc<20%; Xn; R22	A	Diethyl phthalate	-	5	-	-	-	-	-
84-69-5	Diisobutyl phthalate	Repr. Cat. 2; R61 Repr. Cat. 3; R62	T R: 61-62 S: 53-45	Conc<=25%; T; R61; R62 =>5%Conc<25%; Xn; R62	Eu	-	-	-	-	-	-	-	-
84-74-2	Dibutyl phthalate [DBP]	Repr. Cat. 2; R61 Repr. Cat. 3; R62 N: R50	T ; N ; R : 61 - 50 - 62 S : 53 - 45 - 61	Conc<=5%; T; R61; R62 =>0.5%Conc<5%; T; R61	Eur; A	Dibutyl phthalate	-	5	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
85-00-7	Diquat dibromide (Note: see also CAS No 4032-26-2 & 94021-76-8)	T+: R26 T: R48/25 Xn: R22 Xi: R36/37/38 R43 N: R50-53	T+ : N ; R: 22 - 26 - 36/37/38 - 43 - 48/25 - 50/53 S: (1/2) - 28 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T+: R26; R48/25; R22; R36/37/38; R43 >=20%Conc<25%; T+: R26; R48/25; R36/37/38; R43 >=10%Conc<20%; T+: R26; R48/25; R43 >=1%Conc<10%; T+: R26; R48/22; R43 >=0.1%Conc<1%; Xn: R20	Eu, A	Diquat	-	0.5	-	-	-	-	-
85-34-7	Chlorfenac (ISO) [2,3,6-Trichlorophenylacetic acid]	N: R22 N: R51-53	Xn : N ; R: 22 - 51/53, S: (2) : 36 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
85-42-7	Cyclohexane-1,2-dicarboxylic anhydride [Hexahydrophthalic anhydride] (Note: see also CAS No 13149-00-3 & 14166-21-3)	Xi: R41 Xn: R42/43	Xn : R: 41 - 42/43 , S: (2) : 23 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
85-43-8	1,2,3,6-Tetrahydrophthalic anhydride [1,3-Isobenzofuranone; Cyclohex-4-ene-1,2-dicarboxylic anhydride] (Note: see also CAS No 935-79-5, 2426-02-0 & 26266-63-7. To use UN No. 2698 requires the 1,2,3,6-tetrahydrophthalic anhydride to have more than 0.05% maleic anhydride present)	Xi: R41 Xn: R42/43 R51-53	Xn : R: 41 - 42/43 - 51/53 , S: (2) : 22 - 24 - 26 - 37/39 - 61; Note: C	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
85-44-9	Phthalic anhydride (Note: To use UN No. 2214 requires the phthalic anhydride to have more than 0.05% of maleic anhydride present.)	Xn: R22 Xi: R37/38 R41 Xn: R42/43	Xn : R: 22 - 37/38 - 41 - 42/43, S: (2) : 23 - 24/25 - 26 - 37/39 - 46	Conc>=25%; Xn: R22; R42/43; R41; R37/38 >=20%Conc<25%; Xn: R42/43; R41; R37/38 >=10%Conc<20%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eur, A	Phthalic anhydride	1	6.1	-	-	-	Sen	-
85-68-7	Benzyl butyl phthalate [BBP]	Repr. Cat. 2; R61 Repr. Cat. 3; R62 N: R50-53	T: N R: 61-62-50/53 S: 53-45-60-61	Conc>=5%; T: R61; R62 >=0.5%Conc<5%; T: R61	Eu	-	-	-	-	-	-	-	-
86-50-0	Azinphos methyl (ISO) [O,O-Dimethyl 4-oxobenzotriazin-3-ylmethyl phosphorothioate]	T+: R26/28 T: R24 Xi: R43 N: R50-53	T+ : N ; R: 24 - 26/28 - 43 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T+: R26/28; R24; R43 >=7%Conc<25%; T+: R26/28; R21; R43 >=3%Conc<7%; T: R23/25; R21; R43 >=1%Conc<3%; T: R23/25; R43 >=0.1%Conc<1%; Xn: R20/22	Eur, A	Azinphos-methyl	-	0.2	-	-	-	Sk	-
86-88-4	ANTU (ISO) [1-Naphthylthiourea]	T+: R28 Carc. Cat. 3; R40	T+ : R: 28 - 40 S: (1/2) - 25 - 36/37 - 45	Conc>=7%; T+: R40, R28 >=1%Conc<7%; T: R40, R25 >=0.1%Conc<1%; Xn: R22	Eur, A	ANTU	-	0.3	-	-	-	-	-
87-62-7	2,6-Xyldine [2,6-Dimethylaniline]	Carc. Cat. 3; R40 Xn: R20/21/22 Xi: R37/38 N: R51-53	Xn : N ; R: 20/21/22 - 37/38 - 40 - 51/53 S: (2/23 - 25 - 36/37 - 61	Conc25>=%; Xn: R40; R20/21/22; R37/38 >=20%Conc<25%; Xn: R40; R37/38 >=1%Conc<20%; Xn: R40	Eu	-	-	-	-	-	-	-	-
87-66-1	1,2,3-Trihydroxybenzene [Pyrogallol]	Muta. Cat. 3; R68 Xn: R20/21/22 R52-53	R: 20/21/22-68-52/53 S: (2) 36/37-61	Conc>=10%; Xn: R68; R20/21/22 >=1%Conc<10%; Xn: R68	Eu	-	-	-	-	-	-	-	-
87-68-3	Hexachlorobutadiene				A	Hexachlorobutadiene	0.02	0.21	-	-	3	Sk	-
87-86-5	Pentachlorophenol	Carc. Cat. 3; R40 T+: R26 T: R24/25 Xi: R36/37/38 N: R50-53	T+ : N ; R: 24/25 - 26 - 36/37/38 - 40 - 50/53 , S: (1/2) - 22 - 36/37 - 45 - 52 - 60 - 61	Conc>=25%; T+: R40; R26; R24/25; R36/37/38 >=20%Conc<25%; T+: R40; R26; R21/22; R36/37/38 >=7%Conc<20%; T+: R40; R26; R21/22 >=3%Conc<7%; T: R40; R23; R21/22 >=1%Conc<3%; T: R40; R23 >=0.1%Conc<1%; Xn: R20	Eur, A	Pentachlorophenol	-	0.5	-	-	-	Sk	-
87-90-1	Symcloe [Trichloroisocyanuric acid; Trichloro-1,3,5-triazinetrione]	O: R8 Xn: R22 R31 Xi: R36/37 N: R50-53	O ; Xn : N ; R: 8 - 22 - 31 - 36/37 - 50/53, S: (2) : 8 - 26 - 41 - 60 - 61	Conc>=25%; Xn: R22; R36/37; R31 >=20%Conc<25%; Xi: R36/37; R31	Eu	-	-	-	-	-	-	-	-
88-04-0	4-Chloro-3,5-dimethylphenol [Chloroxylene] (Note: see also CAS No 1321-23-9)	Xn: R22 Xi: R36/38 R43	Xn R: 22 - 36/38 - 43 S: (2) : 24 - 37	Conc>=25%; Xn: R22; R36/38; R43 >=20%Conc<25%; Xi: R36/38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
88-06-2	2,4,6-Trichlorophenol	Carc. Cat. 3; R40 Xn: R22 Xi: R36/38 N: R50-53	Xn: N; R: 22 - 36/38 - 40 - 50/53; S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn: R40; R22; R36/38 >=20% Conc<25%; Xn: R40; R36/38 >=1% Conc<20%; Xn: R40	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Xn: R20/22 Xi: R36/37/38	Xn: R: 20/22 - 36/37/38 - 40; S: (2) - 26 - 36/37	Conc>=25%; Xn: R40; R20/22; R36/37/38 >=20% Conc<25%; Xn: R40; R36/37/38 >=1% Conc<20%; Xn: R40	Eu	-	-	-	-	-	-	-	-
88-10-8	Diethylcarbamoyl chloride [Carbamic chloride, diethyl]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 3; R62 Xn: R22 N: R51-53	Xn: R: 20/21/22 - 37 - 40 - 41 - 46/20 S: 25 - 36/37/39 - 41 - 51; Note: D	Conc>=25%; Xn: R40; R20/21/22; R48/20; R37; R41 >=20% Conc<25%; Xn: R40; R48/20; R37; R41 >=10% Conc<20%; Xn: R40; R48/20; R41 >=5% Conc<10%; Xn: R40; R36 >=1% Conc<5%; Xn: R40	N	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 3; R62 Xn: R22 N: R51-53	T: N R: 45-46-22-62-51/53 S: 53-45-61; Note: E	Conc>=25%; T: R45; R46; R62; R22 >=5% Conc<25%; T: R45; R46; R62 >=0.1% Conc<5%; T: R45; R46	Eu; A	Nitrotoluene	2	11	-	-	-	Sk	-
88-72-2	2-Nitrotoluene	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 3; R62 Xn: R22 N: R51-53	T: N R: 45-46-22-62-51/53 S: 53-45-61; Note: E	Conc>=25%; T: R45; R46; R62; R22 >=5% Conc<25%; T: R45; R46; R62 >=0.1% Conc<5%; T: R45; R46	Eu; A	Nitrotoluene	2	11	-	-	-	Sk	-
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 3; R62 Xn: R22 N: R51-53	T: N R: 45-46-22-62-51/53 S: 53-45-61; Note: E	Conc>=25%; T: R45; R46; R62; R22 >=5% Conc<25%; T: R45; R46; R62 >=0.1% Conc<5%; T: R45; R46	Eu; A	Nitrotoluene	2	11	-	-	-	Sk	-
88-74-4	o-Nitroaniline (Note: see also CAS No 99-09-2 & 100-01-6)	T: R23/24/25 R33 R52-53	T; R: 23/24/25 - 33 - 52/53, S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=25%; T: R23/24/25; R33 >=3% Conc<25%; Xn: R20/21/22; R33 >=1% Conc<3%; Xn: R33	Eu	-	-	-	-	-	-	-	-
		R44 T: R24/25 Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xi: R36 N: R50-53	T; N; R: 61 - 62 - 24/25 - 36 - 44 - 50/53; S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T: R61; R62; R24/25; R36 >=20% Conc<25%; T: R61; R62; R21/22; R36 >=5% Conc<20%; T: R61; R62; R21/22 >=3% Conc<5%; T: R61; R21/22 >=0.5% Conc<3%; T: R61	Eu	-	-	-	-	-	-	-	-
88-88-0	2-Chloro-1,3,5-trinitrobenzene	E: R2 T+: R26/27/28 N: R50-53	E; T+; N; R: 2 - 26/27/28 - 50/53; S: (1/2) - 28 - 35 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R26/27/28 >=1% Conc<7%; T: R23/24/25 >=0.1% Conc<1%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
		E; T R: 3-4-23/24/25 S: (1/2)-28-35-36/37-45	E; T R: 3-4-23/24/25 S: (1/2)-28-35-36/37-45	Conc>=25%; T: R61; R62; R24/25; R36 >=20% Conc<25%; T: R61; R62; R21/22; R36 >=5% Conc<20%; T: R61; R62; R21/22 >=3% Conc<5%; T: R61; R21/22 >=0.5% Conc<3%; T: R61	Eu; A	Picric acid	-	0.1	-	-	-	-	-
89-32-7	Benzene-1,2,4,5-tetracarboxylic dianhydride [Pyromellitic dianhydride]	Xi: R41 Xn: R42/43	Xn: R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39	Conc>=10%; Xn: R42/43; R41 >=5% Conc<10%; Xn: R42/43; R36 >=1% Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
		Xi: R41 Xn: R42/43	Xn: R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39	Conc>=10%; Xn: R42/43; R41 >=5% Conc<10%; Xn: R42/43; R36 >=1% Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
89-72-5	o-sec-Butyl phenol	Xn: R22 C: R34 N: R51-53	C; R: 22 - 34 - 51/53; S: (1/2) - 2 - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%; C; R34; R22 >=10% Conc<25%; C: R34 >=5% Conc<10%; Xi: R36/38	A	o-sec-Butylphenol	5	31	-	-	-	Sk	-
		C: R34	C: R: 34; S: (1/2) - 26 - 45	Conc>=10%; C: R34 >=5% Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
89-98-5	2-Chlorobenzaldehyde [o-Chlorobenzaldehyde]	Carc. Cat. 2; R45 Muta Cat. 3; R68 T: R23/24/25	T R: 45-23/24/25-68 S: 53-45; Note: E	Conc>=25%; T: R45; R68; R23/24/25 >=3% Conc<25%; T: R45; R68; R20/21/22 >=1% Conc<3%; T: R45; R68 >=0.1% Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
		Xn: R22 Xi: R36/38	Xn: R: 22 - 36/38, S: (2) - 26	Conc>=25%; Xn: R22; R36/38 >=20% Conc<25%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
90-04-0	o-Anisidine [2-Methoxyaniline]	Carc. Cat. 2; R45 Muta Cat. 3; R68 T: R23/24/25	T R: 45-23/24/25-68 S: 53-45; Note: E	Conc>=25%; T: R45; R68; R23/24/25 >=3% Conc<25%; T: R45; R68; R20/21/22 >=1% Conc<3%; T: R45; R68 >=0.1% Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
		Xn: R22 Xi: R36/38	Xn: R: 22 - 36/38, S: (2) - 26	Conc>=25%; Xn: R22; R36/38 >=20% Conc<25%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
90-05-1	Guaiacol												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
90-15-3	1-Napththol	Xn: R21/22 Xi: R37/38-41	Xn ; R: 21/22 - 37/38 - 41 , S: (2) - 22 - 26 - 37/39	Conc>=25%; Xn: R21/22; R37/38; R41 >=20%Conc<25%; Xi: R37/38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
90-41-5	Biphenyl-2-ylamine [2-Aminobiphenyl]	Carc. Cat. 3; R40 Xn: R22 R52-53	Xn ; R: 22 - 40 - 52/53, S: (2) - 36/37 - 61	Conc>=25%; Xn: R40; R22 >=1%Conc<25%; Xn: R40	Eu	-	-	-	-	-	-	-	-
90-43-7	Biphenyl-2-ol [2-Hydroxybiphenyl; 2-Phenylphenol (ISO)]	Xi: R36/37/38 N: R50	Xi ; N ; R: 36/37/38 - 50 , S: (2) - 22 - 61	Conc>=20%; Xi: R36/37/38 Conc>=25%; Xn: R22; R36/38 >=20% Conc<25%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
90-72-2	2,4,6-Tris(dimethylaminomethyl)phenol	Xn: R22 Xi: R36/38	Xn ; R: 22 - 36/38 , S: (2) - 26 - 28	Conc>=25%; Xn: R22; R36/38 >=20% Conc<25%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
90-94-8	4,4'Bis(dimethylamino)benzophenone [Michler's Ketone]	Carc.Cat.2; R45 Muta.Cat.3; R68 Xi: R41	T R: 45-41-68 S: 53-45	Conc>=10%; T;R45; R68; R41 >=5%Conc<10%; T: R45; R68; R36 >=1%Conc<5%; T: R45; R68 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
91-08-7	Toluene-2,6-di-isocyanate [2-Methyl-m-Phenylene diisocyanate](Note: see also CAS No. 584-94-9 and 26471-82-5)	Carc. Cat. 3; R40 T+; R26 Xi: R36/37/38 R42/43 R52-53	T+ R: 26-36/37/38-40-42/43-52/53 S: (1/2)-23-36/37-45-61	Conc>=20%; T+; R40; R26; R36/37/38; R42/43 >=7%Conc<20%; T+; R40; R26; R42/43 >=1%Conc<7%; T: R40; R23; R42/43 >=0.1%Conc<1%; Xn: R20; R42	Eu; A	Isocyanates, all (as-NCO)	-	0.02	-	0.07	-	Sen	-
91-20-3	Napththalene	Carc. Cat.3; R40 Xn: R22 N: R50-53	Xn; N R: 22-40-50/53 S: (2)-36/37-46-60-61	Conc>=25%; Xn: R40; R22 >=1%Conc<25%; Xn: R40	Eu; A	Napththalene	10	52	15	79	-	-	-
91-22-5	Quinoline	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn: R21/22 Xi: R36/38 N: R51-53	T; N R: 45-21/22-36/38-68-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R45; R68; R21/22; R36/38 >=20%Conc<25%; T: R45; R68; R36/38 >=1%Conc<20%; T: R45; R68 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
91-23-6	2-Nitroanisole	Carc. Cat. 2; R45 Xn: R22	T: R: 45 - 22 , S: 53 - 45 ; Note: E	Conc>=25%; T: R45; R22 >=0.1%Conc<25%; T: R45	Eu	-	-	-	-	-	-	-	-
91-53-2	Elthoxyquin [6-Elthoxy-1,2-dihydro-2,2,4-trimethylquinoline]	Xn: R22	Xn ; R: 22 , S: (2) - 24	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
91-59-8	2-Napththylamine [2-Napthalenamine]	Carc. Cat. 1; R45 Xn: R22 N: R51-53	T; N R: 45-22-51/53 S: 53-45-61; Note: E	Conc>=25%; T: R45; R22 >=0.01%Conc<25%; T: R45	Eu; A	2-Napththylamine	- (P)	-	-	-	1	-	-
91-66-7	N,N-Diethylaniline [Biphenyl-4,4'-ylenedianiline]	T: R23/24/25 R33 N: R51-53	R: 23/24/25-33-51/53 S: (1/2)-28-37-45-61	Conc>=5%; T: R23/24/25; R33 >=1%Conc<5%; Xn: R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
91-76-9	6-Phenyl-1,3,5-triazine-2,4-diamine [Benzoguanamine; 6-Phenyl-1,3,5-triazine-2,4-diyldiamine]	Xn: R22 R52-53	Xn ; R: 22 - 52/53, S: (2) - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
91-94-1	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-; [3,3'-Dichlorobenzidine; 3,3'-Dichlorobiphenyl-4,4'-ylenedianiline]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 N: R50-53	T; N R: 45-68-50-53	Conc>=1%; T; R45; R68 >=0.1%Conc<1%; T: R45 Conc>=7%; T+; R26/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	N/Eur; A	3,3'-Dichlorobenzidine (d)	-	-	-	-	2	Sk	-
91-95-2	Biphenyl-3,3',4,4'-tetrayltetraamine [Diaminobenzidine]	Carc. Cat. 2; R45 Muta. Cat. 3; R68	R: 45-68 S: 53-45	Conc>=1%; T;R45; R68 >=0.1%Conc<1%; T: R45 Conc>=7%; T+; R26/28	Eu	-	-	-	-	-	-	-	-
92-13-7	Pilocarpine	T+; R26/28	T+ ; R: 26/28 , S: (1/2) - 25 - 45	Conc>=7%; T+; R26/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
92-43-3	1-Phenyl-3-pyrazolidone	Xn: R22 N: R51-53	Xn ; N ; R: 22 - 51/53, S: (2) - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
92-52-4	Diphenyl [Biphenyl]	Xi: R36/37/38 N: R50-53	Xi ; N ; R: 36/37/38 - 50/53 , S: (2) - 23 - 60 - 61	Conc>=20%; Xi: R36/37/38	Eu; A	Biphenyl	0.2	1.3	-	-	-	-	-
92-67-1	Biphenyl-4-ylamine [Xenylamine; 4-Aminobiphenyl]	Carc. Cat. 1; R45 Xn: R22	T ; R: 45 - 22 , S: 53 - 45 ; Note: E	Conc>=25%; T: R45; R22 >=0.1%Conc<25%; T: R45	Eu; A	4-Aminodiphenyl	(P)	-	-	-	1	Sk	-
92-84-2	Phenothiazine				A	Phenothiazine	-	5	-	-	-	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92-87-5	Benzidine [1,1'-Biphenyl-4,4'-xyldiamine; 4,4'-Diaminobiphenyl; Biphenyl-4,4'-ylenediamine]	Carc. Cat. 1; R45 Xn: R22 N; R50-53	T; N R: 45-22-50/53 S: 53-45-60-61; Note: E	Conc>=25%; T; R45; R22 >=0.01%Conc<25%; T; R45	Eu; A	Benzidine	-(P)	-	-	-	1	Sk	-
		Carc. Cat. 2; R45 N; R51-53	T; N; R; 45 - 51/53, S: 53 - 45 - 61	Conc>=0.1%; T; R45 Conc>=25%; T; R25; R34 >=10%Conc<25%; C; R34; R22 >=5%Conc<10%; Xn; R22; R36/38 >=3%Conc<5%; Xn; R22	Eu; A	4-Nitrodiphenyl	-(P)	-	-	-	1	-	-
93-05-0	4-Amino-N,N-diethylaniline [N,N-Diethyl-p-phenylenediamine]	T; R25 C; R34	T; R: 25 - 34 , S: (1/2) - 26 - 36 - 45		Eu	-	-	-	-	-	-	-	-
93-65-2	Mecoprop (ISO) [2-(4-Chloro-o-toloxo)propionic acid; 2-(4-Chloro-2-methylphenoxy)propionic acid][Note: see also CAS No. 7085-19-0]	Xn: R22 Xi: R38-41 N; R50-53	Xn; N R: 22-38-41-50/53 S: (2-)13-26-37/39-60-61	Conc>=25 %; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10 %; Xi; R36	Eu	-	-	-	-	-	-	-	-
		Xn: R21/22 Xi: R36/38 N; R51-53	Xn; N R: 21/22 - 36/38 - 51/53 S: (2) - 26 - 36/37/39 - 61	Conc>=25%; Xn; R21/22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
93-71-0	Allidochlor (ISO) [N,N-Diallylchloroacetamide]	Xn: R22 Xi: R36/38 N; R51-53	Xn; N R: 21/22 - 36/38 - 51/53 S: (2) - 26 - 36/37/39 - 61	Conc>=25%; Xn; R21/22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
93-72-1	Fenoprop (ISO) [2-(2,4,5-Trichlorophenoxy)propionic acid]	Xi: R38 N; R50-53	Xn; N; R; 22 - 38 - 50/53, S: (2) - 37 - 60 - 61	Conc>=25%; Xn; R22; R38 >=20%Conc<25%; Xi; R38	Eu	-	-	-	-	-	-	-	-
93-75-4	Thioquinox [2-Thio-1,3-dithiolq[4,5.B]quinoxaline]	Xn: R22	Xn; R; 22 , S: (2) - 24	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
93-76-5	2,4,5-T (ISO) [2,4,5-Trichlorophenoxy acetic acid]	Xn: R22 Xi: R36/37/38 N; R50-53	Xn; N; R; 22 - 36/37/38 - 50/53, S: (2) - 24 - 60 - 61	Conc>=25%; Xn; R22; R36/37/38 >=20%Conc<25%; Xi; R36/37/38	Eu; A	2,4,5-T	-	10	-	-	-	-	-
94-36-0	Dibenzoyl peroxide [Benzoyl peroxide]	E; R3 O; R7 Xi: R36 R43	E; Xi R: 3-7-36-43 S: (2-)37-14-36/37/39	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu;A	Benzoyl peroxide	-	5	-	-	-	-	-
94-37-1	Bis(piperidinothiocarbonyl) disulphide [Piperidine, 1,1'-Xi: R36/37/38 (dithiodicarbonylthioyl)bis]	R43	Xi; R; R36/37/38 - 43, S: (2) - 24 - 26 - 37	Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
94-59-7	Safrrole [5-Allyl-1,3-Benzodioxole, 1,3-Benzodioxole, 5-(2-propenyl)]	Carc. Cat. 2; R45 Multa. Cat. 3; R68 Xn; R22	T R: 45-22-68 S: 53-45; Note: E	Conc>=25%; T; R45; R68; R22 >=1%Conc<25%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
94-70-2	2-Ethoxyaniline [o-Phenetidine]	T; R23/24/25 R33	T R: 23/24/25-33 S: (1/2-)28-36/37-45; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
94-74-6	MCPA (ISO) [4-Chloro-o-toloxoacetic acid]	Xn: R22 Xi: R38-41 N; R50-53	Xn; N R: 22-38-41-50/53 S: (2-)26-37-39-60-61	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
94-75-7	2,4-D (ISO) [2,4-Dichlorophenoxyacetic acid]	Xn: R22 Xi: R37-41 R43 R52-53	Xn R: 22 - 37 - 41 - 43 - 52/53 S: (2) - 24/25 - 26 - 36/37/39 - 46 - 61	Conc>=25%; Xn; R22; R37; R41; R43 >=20%Conc<25%; Xi; R37; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu; A	2,4-D	-	10	-	-	-	-	-
94-81-5	MCPB (ISO) [4-(4-Chloro-o-toloxo) butyric acid]	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
94-82-6	2,4-DB (ISO) [4-(2,4-Dichlorophenoxy) butyric acid]	Xn: R22 N; R51-53	Xn; N R: 22 - 51/53 S: (2) - 25 - 29 - 46 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
94-96-2	2-Ethylhexane-1,3-diol [Odylene glycol; Ethoexadiol]	Xi: R41	Xi; R: 41 , S: (2) - 25 - 26 - 39 - 46	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
95-06-7	Sulfaliate (ISO) [2-Chlorallyl N,N-dimethyldithiocarbamate]	Carc. Cat. 2; R45 Xn: R22 N; R50-53	T; N; R; 45 - 22 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
95-13-6	Indene	Xi: R43	Xi; N; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61		A	Indene	10	48	-	-	-	-	-
95-33-0	N-Cyclohexylbenzothiazole-2-sulphenamide	Xi: R43 N; R50-53	Xi; N; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		R10 Xn: R20/21 Xi: R37/38	Xn R: 10-20/21-37/38 T: R: 24/25 - 34; S: (1/2) - 36/37/39 - 45; Note: C	Conc>=25%; Xn: R20/21; R37/38 >=20%Conc<25%; Xi: R37/38	N	Xylene (o-, m-, p- isomers)	80	350	150	655	-	-	-
95-48-7	o-Cresol(Note: see also CAS No 1319-77-3, 108-39-4 T: R24/25 & 106-44-5) C: R34	Xn: R20 Xi: R36/37/38 N: R50-53	Xn: N R: 22-36/37/38-50/53 S: (2)-24/25 - 61 Note: C	Conc>=5%; T: R24/25; R34 >=1%Conc<5%; Xn: R21/22; R36/38	Eu	-	-	-	-	-	-	-	-
95-49-8	2-Chlorotoluene [o-Chlorotoluene](Note: see also CAS No 25168-05-2, 108-41-8 & 106-43-4)	Xn: R20 Xi: R36/37/38 N: R51-53	Xn: N; R: 20 - 51/53 S: (2) - 24/25 - 61 Note: C	Conc>=25%; Xn: R20	Eu; A	o-Chlorotoluene	50	259	-	-	-	-	-
95-50-1	1,2-Dichlorobenzene [o-Dichlorobenzene]	Xn: R22 Xi: R36/37/38 N: R50-53	Xn: N R: 22-36/37/38-50/53 S: (2)-23-60-61 Note: C	Conc>=20%; Xn: R22; R36/37/38 >=5%Conc<20%; Xn: R22	Eu; A	o-Dichlorobenzene	25	150	50	301	-	-	-
95-53-4	o-Toluidine [Benzenamine, 2-methyl]	Carc. Cat. 2; R45 T: R23/25 Xi: R36 N: R50-53	T: N; R: 45 - 23/25 - 36 - 50; S: 53 - 45 - 61; Note: E	Conc>=25%; T: R45; R23/25; R36 >=20%Conc<25%; T: R45; R20/22; R36 >=3%Conc<20%; T: R45; R20/22 >=0.1%Conc<3%; T: R45	Eu; A	o-Toluidine	2	8.8	-	-	2	Sk	-
95-55-6	2-Aminophenol [Phenol, 2-amino]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 T: R25 Xn: R20/21 Xi: R36 N: R50-53	T: N; R: 20/21 - 25 - 36 - 40 - 43 - 50/53 - 68; S: (1/2) - 28 - 36/37 - 45 - 60 - 61 Note: E	Conc>=25%; T: R40; R68; R25; R20/21; R36; R43 >=20%Conc<25%; Xn: R40; R68; R22; R36; R43 >=3%Conc<20%; Xn: R40; R68; R22; R43 >=1%Conc<3%; Xn: R40; R68; R43	Eu	-	-	-	-	-	-	-	-
95-57-8	2-Chlorophenol(Note: see also CAS No 108-48-9, 108-43-0 & 25167-80-0)	Xn: R20/21/22 N: R51-53	Xn: N; R: 20/21/22 - 51/53; S: (2) - 28 - 61; Note: C	Conc>=25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
95-63-6	1,2,4-Trimethylbenzene [Benzene, 1,2,4-trimethyl; Pseudocumene]	R10 Xn: R20 Xi: R36/37/38 N: R51-53	Xn: N; R: 10 - 20 - 36/37/38 - 51/53; S: (2) - 26 - 61 Note: C	Conc>=25%; Xn: R20; R36/37/38 >=20% Conc<25%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-
95-65-8	3,4-Xylenol [3,4-Dimethylphenol](Note: see also CAS No 95-87-4, 105-67-9, 526-75-0, 576-26-1, 1300-71-6 C: R34 & 71975-58-1) N: R51-53	T: R25 Xn: R20/21-48/22 Xi: R36 N: R51-53	T: N; R: 24/25 - 34 - 51/53; S: (1/2) - 26 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; T: R24/25; R34 >=10%Conc<25%; C: R34; R21/22 >=5%Conc<10%; Xn: R21/22; R36/38 >=3%Conc<5%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
95-69-2	4-Chloro-o-toluidine (Note: see also CAS No. 3165-93-3)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T: R23/24/25 N: R50-53	T: N R: 45-23/24/25-68-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T: R45; R68; R23/24/25 >=3%Conc<25%; T: R45; R68; R20/21/22 >=1%Conc<3%; T: R45; R68 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
95-70-5	1,4-Benzenediamine, 2-methyl- [2,5-Toluenediamine; 2-Methyl-p-phenylenediamine]	T: R25 Xn: R20/21-48/22 Xi: R41 R43 N: R51-53	T: N R: 20/21-25-36-43-48/22-51-53 Note: E	Conc>=25%; T: R25; R20/21; R48/22; R36; R43 >=20%Conc<25%; Xn: R22; R48/22; R36; R43 >=10%Conc<20%; Xn: R22; R48/22; R43 >=3%Conc<10%; Xn: R22; R43 >=1%Conc<3%; Xi: R43	N/Eu	-	-	-	-	-	-	-	-
95-76-1	3,4-Dichloroaniline	T: R23/24/25 Xi: R41 R43 N: R50-53	T: N R: 23/24/25-41-43-50/53 S: (1/2)-26-36/37/39-45-60-61 Note: E	Conc>=25%; T: R23/24/25; R41; R43 >=10%Conc<25%; Xn: R20/21/22; R41; R43 >=5%Conc<10%; Xn: R20/21/22; R36; R43 >=3% Conc<5%; Xn: R20/21/22; R43 >=1% Conc<3%; Xi: R43	Eu	-	-	-	-	-	-	-	-
95-80-7	4-Methyl-m-phenylenediamine [2,4-Toluenediamine; 1,3-Benzenediamine, 4-methyl]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T: R25 Xn: R21-48/22 R43 N: R51-53	T: N R: 45-21-25-43-48/22-62-68-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R45; R68; R62; R25; R21; R48/22; R43 >=10%Conc<25%; T: R45; R62; R68; R22; R48/22; R43 >=5%Conc<10%; T: R45; R62; R68; R22; R43 >=3%Conc<5%; T: R45; R68; R22; R43 >=1%Conc<3%; T: R45; R68; R43 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
95-87-4	2,5-Xylenol [2,5-Dimethylphenol](Note: see also CAS No 95-65-8, 105-67-9, 526-75-0, 576-26-1, 1300-71-6 C; R34 & 71975-58-1)	T; R24/25 N; R51-53	T ; N ; R: 24/25 - 34 - 51/53, Conc>=25%; T; R24/25; R34 S: (1/2) - 26 - 36/37/39 - 45 ->=10%Conc<25%; C; R34; R21/22 61; Note: C	Conc>=25%; T; R24/22; R36 >=5%Conc<10%; Xn; R21/22; R36/38 >=3%Conc<5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	
			Xn; R22; Xi; R36	Xn; R: 22 - 36 , S: (2) - 23	Eu	-	-	-	-	-			
95-92-1	Oxalic acid diethyl(ester [Diethyl oxalate])	Xn; R22 Xi; R36/38 N; R50-53	Xn; N R: 22-36/38-50/53 S: (2)-26-28-60-61	Conc>=20%; Xn; R22; R36/38 >=5%Conc<20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	
95-95-4	2,4,5-Trichlorophenol	R10 T; R23 Xn; R21/22 N; R60	T ; N ; R: 10 - 21/22 - 23 - 50 S: (1/2) - 36/37 - 45 - 61	Conc>=25%; T; R23; R21/22 >=3%Conc<25%; Xn; R20	Eu	-	-	-	-	-	-	-	
96-05-9	Allyl methacrylate [2-Methyl-2-propenoic acid 2-propenyl ester]	Carc. Cat. 2; R45 Xn; R21 Xi; R36	T ; R: 45 - 21 - 36, S: 53 - 45 ; Note: E	Conc>=25%; T; R45; R21; R36 >=20%Conc<25%; T; R45; R36 >=0.1%Conc<20%; T; R45	Eu	-	-	-	-	-	-	-	
96-09-3	Styrene oxide [(Epoxycethyl)benzene; Phenyloxirane] Xi; R36	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 1; R60 T; R25 Xn; R48/20/22 R52-53	T ; R: 45 - 46 - 60 - 25 - 48/20/22 - 52/53, S: 53 - 45 - 61; Note: E	Conc>=25%; T; R45; R46; R60; R25; R48/20/22 >=10%Conc<25%; T; R45; R46; R60; R48/20/22; R22 >=3%Conc<10%; T; R45; R46; R60; R22 >=0.5%Conc<3%; T; R45; R46; R60 >=0.1%Conc<0.5%; T; R45; R46	Eu	-	-	-	-	-	-		
96-12-8	1,2-Dibromo-3-chloropropane [Propane,1,2-dibromo-3-chloro]	Carc. Cat. 2; R45 Repr. Cat. 3; R62 T; R24 Xn; R20/22 R52-53	T ; R: 45 - 20/22 - 24 - 52/53 - 62 S: 53 - 45 - 61; Note: E	Conc>=25%; T; R45; R62; R24; R20/22 >=5%Conc<25%; T; R45; R62; R21 >=3%Conc<5%; T; R45; R21 >=0.1%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-	
96-13-9	2,3-Dibromopropan-1-ol [2,3-Dibromo-1-propanol]	F; R11 Xn; R65 Xi; R38 R67 N; R51-53	F; Xn; N R: 11-38-65-67-51/53 S: (2)-9-16-29-33-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu/A	Hexane, other isomers	500	1760	1000	3500	-	-	-
96-18-4	1,2,3-Trichloropropane	Carc. Cat. 2; R45 Repr. Cat. 2; R60 Xn; R20/21/22	T R: 45-60-20/21/22 S: 53-45; D	Conc>=25%; T; R45; R60; R20/21/22 >=0.5%Conc<25%; T; R45; R60 >=0.1%Conc<0.5%; T; R45	Eu; A	1,2,3-Trichloropropane	10	60	-	-	-	Sk	-
96-22-0	Pentan-3-one [Diethyl ketone]	F; R11 Xi; R37 R66 R67	F; Xi R: 11-37-66-67 S: (2)-9-16-25-33	Conc>=20%; Xi; R37	Eu/A	Diethyl ketone	200	705	-	-	-	-	-
96-23-1	1,3-Dichloro-2-propanol	Carc. Cat. 2; R45 T; R25 Xn; R21	T ; R: 45 - 21 - 25 , S: 53 - 45 ; Note: E	Conc>=25%; T; R45; R25; R21 >=3%Conc<25%; T; R45; R22 >=0.1%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-	-
96-29-7	2-Butanone oxime [Ethyl methyl ketoxime; Ethyl methyl ketone oxime]	Carc. Cat. 3; R40 Xn; R21 Xi; R41 R43	Xn R: 21 - 40 - 41 - 43 S: (2) - 13 - 23 - 26 - 36/37/39	Conc>=25%; Xn; R40; R21; R41; R43 >=10%Conc<25%; Xn; R40; R41; R43 >=5%Conc<10%; Xn; R40; R36; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
96-29-7	Mixture of: butan-2-one oxime and syn-O,O'-d(butan-2-one oxime)dithoxysilane	T; R48/22 R43 R52-53	T R: 43-48/25-52/53 S: (1/2)-25-36/37-45-61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
96-33-3	Methyl acrylate [Methyl propenoate]	F; R11 Xn; R20/21/22 Xi; R36/37/38 R43	F ; Xn ; R: 11 - 20/21/22 - 36/37/38 - 43, S: (2) - 9 - 25 - 26 - 33 - 36/37 - 43; Note: D	Conc>=25%; Xn; R20/21/22; R36/37/38; R43 >=20%Conc<25%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu; A	Methyl acrylate	10	35	-	-	-	Sk-Sen	-
96-34-4	Methyl chloroacetate	R10 T; R23/25 Xi; R37/38-41	T ; R: 10 - 23/25 - 37/38 - 41 , S: (1/2) - 26 - 37/39 - 45	Conc>=25%; T; R23/25; R37/38; R41 >=20%Conc<25%; Xn; R20/22; R37/38; R41 >=10%Conc<20%; Xn; R20/22; R41 >=5%Conc<10%; Xn; R20/22; R36 >=3%Conc<5%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
96-64-7	Ethylene thiourea [imidazolidine-2-thione; 2-Imidazoline-2-thiol]	Repr. Cat. 2; R61 Xn; R22	T : R: 61 - 22 , S: 53 - 45 ; Note: E	Conc<=25%; T; R61; R22 >=0.5%Conc<25%; T; R61	Eu	-	-	-	-	-	-	-	-
96-69-5	4,4'-Thiobis[6-tert-butyl-m-cresol] [6,6'-Di-tert-butyl-4,4'-thiodi-m-cresol]	E; R2 Xn; R20/21/22 R52-53	Ei; Xn R: 2-20/21/22-52/53 S: (2)-35-36/37-45-61	Conc<=25%; Xn; R20/21/22	A	4,4'-Thiobis[6-tert-butyl-m-cresol]	10	-	-	-	-	-	-
96-91-3	2-Amino-4,6-dinitrophenol [Picramic acid]	T+; R26/27/28 R33 R52-53	T+; R: 26/27/28 - 33 - 52/53 ; S: (1/2) - 28 - 36/37 - 45 - 61	Conc<=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
97-02-9	4-Methoxy-2-nitroaniline [2-Nitro-p-anisidine; Benzenamine, 4-methoxy-2-nitro]	T+; R26/27/28 R33 N; R51-53	T+; N; R: 26/27/28 - 33 - 51/53 , S: (1/2) - 28 - 36/37 - 45 - 61	Conc<=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >= 0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
97-17-6	2,4-Dinitroaniline [Benzenamine, 2,4-dinitro]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53 , S: (2) - 60 - 61	Conc<=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
97-23-4	Dichlorophen (ISO) [4,4'-Dichloro-2,2'-methylenebiphenol; 2,2'-Methylenebis[4-chlorophenol]]	Xn; R22 Xn; R36 N; R50-53	Xn; N; R: 22 - 36 - 50/53, S: (2) - 26 - 60 - 61	Conc<=25%; Xn; R22; R36 >=20%Conc<25%; Xn; R36	Eu	-	-	-	-	-	-	-	-
97-54-1	Isoeugenol	Carc. Cat. 3; R40 Xn; R22	Xn; R: 22-40	Conc<=25%; Xn; R40; R22 >=1%Conc<25%; Xn; R40	V	-	-	-	-	-	-	-	-
97-56-3	4-o-Tolylazo-o-toluidine [4-Amino-2',3'-dimethylazobenzene; Fast garnet GBC base; AAT; o-Aminoazotoluene]	Carc. Cat. 2; R45 R43	T ; R: 45 - 43 , S: 53 - 45	Conc<=1%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
97-63-2	Ethyl methacrylate	F; R11 Xi; R36/37/38 R43	F ; Xi ; R: 11 - 36/37/38 - 43 S: (2) - 9 - 16 - 29 - 33 ; Note: D	Conc<=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
97-64-3	Ethyl lactate [Ethyl DL-lactate](Note: see also CAS No 687-47-8)	R10 Xi; R37 Xi; R41	Xi ; R: 10 - 37 - 41, S: (2) - 24 - 26 - 39; Note: C	Conc<=20%; Xi; R41; R37 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
97-74-5	Tetramethylthiuram monosulphide	Xn; R22 R43 N; R51-53	Xn; N; R: 22 - 43 - 51/53, S: (2) - 24 - 26 - 37 - 61	Conc<=25%; Xn; R22; R43 >=1%Conc<25%; Xn; R43	Eu	-	-	-	-	-	-	-	-
97-77-8	Disulfiram [Tetraethylthiuramdisulfide]	Xn; R22-48/22 R43 N; R50-53	Xn; N; R: 22 - 43 - 48/22 - 50/53 S: (2) - 24 - 37 - 60 - 61	Conc<=25%; Xn; R22; R48/22; R43 >=10%Conc<25%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu; A	Disulfiram	2	-	-	-	-	-	-
97-86-9	Isobutyl methacrylate	R10 Xi; R36/37/38 R43 N; R50	Xi; N R: 10-36/37/38-43-50 S: (2)-24-37-61; Note: D	Conc<=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
97-88-1	n-Butyl methacrylate	R10 Xi; R36/37/38 R43	Xi; R: 10 - 36/37/38 - 43, S: (2) ; Note: D	Conc<=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
97-90-5	Ethylene dimethacrylate [Ethylene glycol dimethacrylate]	Xi; R37 R43	Xi; R: 37 - 43, S: (2) - 24 - 37; Note: D	Conc<=10%; Xi; R37; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
97-95-0	2-Ethylbutan-1-ol	Xn; R21/22	Xn; R: 21/22 , S: (2)	Conc<=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
97-99-4	Tetrahydro-2-furylmethanol [Tetrahydrofurfuryl alcohol]	Xi; R36	Xi ; R: 36 , S: (2) - 39	Conc<=10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
98-00-0	Furfuryl alcohol	Carc. Cat. 3; R40 T; R23 Xn; R21/22-48/20 Xi; R36/37	T R: 21/22-23-36/37-40-48/20 S: (1/2)-36/37-45-63	Conc<=25%; T; R40; R23; R21/22; R48/20; R36/37 >=20%Conc<25%; Xn; R40; R20; R48/20; R36/37 >=10%Conc<20%; Xn; R40; R20; R48/20 >=3%Conc<10%; Xn; R40; R20 >=1%Conc<3%; Xn; R40	Eu; A	Furfuryl alcohol	10	40	15	60	-	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
98-01-1	2-Furancarboxaldehyde [2-Furaldehyde; Furfural; Furfuraldehyde]	Carc. Cat. 3; R40 T; R23/24/25 Xi; R36/37/38		Conc>=25%; T; R40; R23/24/25; R36/37/38 >=20%Conc<25%; Xn; R40; R20/21/22; R36/37/38	N; A	Furfural	2	7.9	-	-	-	Sk	-
			T R: 23/24/25-36/37/38-40	>=3%Conc<20%; Xn; R40; R20/21/22 >=1%Conc<3%; Xn; R40									
98-07-7	alpha.alpha.alpha-Trichlorotoluene [Benzotrichloride]	Xi; R37/38-41 F; R11 N; R51-53		Conc>=25%; T; R45; R23; R22; R37/38; R41 >=20%Conc<25%; T; R45; R20; R37/38; R41 >=10%Conc<20%; T; R45; R20; R41 >=5%Conc<10%; T; R45; R20; R36 >=3%Conc<5%; T; R45; R20 >=0.1%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-	-
			F - N; R11 - 51/53, S: (2) - 16 - 23 - 61										
98-08-8	Benzotrifluoride [Trifluorotoluene]	N; R51-53	S: (2) - 16 - 23 - 61		Eu	-	-	-	-	-	-	-	-
98-51-1	p-tert-Butyltoluene				A	p-tert-Butyltoluene (h)	10	61	20	121	-	-	-
98-73-7	Benzoic acid, 4-(1,1-dimethylethyl)- [4-tert-Butylbenzoic acid]	Repr. Cat. 2; R60 T; R48/23/24/25 Xn; R22		Conc>=25%; T; R60; R48/23/24/25; R22 >=10%Conc<25%; T; R60; R48/23/24/25 >=1%Conc<10%; T; R60; R48/20/21/22 >=0.5%Conc<1%; T; R60	N	-	-	-	-	-	-	-	-
			T R: 22-48/23/24/25-60										
98-82-8	Cumene [Isopropylbenzene](Note: see also CAS No 103-65-1)	Xn; R65 Xi; R37 N; R51-53	Xn; N; R: 10 - 37 - 65 - 51/53 S: (2) - 24 - 37 - 61 - 62	Conc>=20%; Xn; R65; R37 >=10%Conc<20%; Xn; R65	Eur; A	Cumene	25	125	75	375	-	Sk	-
			Xi; N R: 10-36/37-51/53 S: (2)-61	Conc>=25%; Xi; R36/37									
98-83-9	Isopropenylbenzene [alpha-Methylstyrene; 2-Phenylpropene]	Xi; R36/37 N; R51-53	R: 10-36/37-51/53 S: (2)-61	Conc>=25%; Xi; R36/37	Eur; A	alpha-Methyl styrene	50	242	100	483	-	-	-
98-84-0	1-Phenylethylamine [Benzenemethanamine, alpha-methyl](Note: see also CAS No 618-36-0)	Xn; R21/22 C; R34	C; R: 21/22 - 34 , S: (1/2) - 26 - 28 - 36/37/39 ->=10%Conc<25%; C; R34 45	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
			Xn; R: 22 - 36 , S: (2) - 26	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36									
98-86-2	Acetophenone	Xn; R22 Xi; R36	Xn; R: 22 - 36 , S: (2) - 26	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
98-87-3	alpha, alpha-Dichlorotoluene [Benzylidene chloride; Benzal chloride]	Carc. Cat. 3; R40 T; R23 Xn; R22 Xi; R37/38-41		Conc>=25%; T; R40; R23; R22; R37/38; R41 >=20%Conc<25%; Xn; R40; R20; R37/38; R41 >=10%Conc<20%; Xn; R40; R20; R41 >=5%Conc<10%; Xn; R40; R20; R36 >=3%Conc<5%; Xn; R40; R20 >=1%Conc<3%; Xn; R40	Eu	-	-	-	-	-	-	-	-
			T; R: 22 - 23 - 37/38 - 40 - 41 S: (1/2) - 36/37 - 38 - 45	Conc>=25%; C; R34; R20/21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43									
98-88-4	Benzoyl chloride	Xn; R20/21/22 C; R34 R43	C R: 20/21/22-34-43 S: (1/2)-26-36/37/39-45	Conc>=25%; T; R40; R62; R23/24/25; R48/23/24 >=10%Conc<25%; T; R40; R62; R48/23/24; R20/21/22 >=5%Conc<10%; Xn; R40; R62; R20/21/22; R48/20/21 >=3%Conc<5%; Xn; R40; R20/21/22; R48/20/21 >=1%Conc<3%; Xn; R40; R48/20/21	Eur; A	Nitrobenzene	1	5	-	-	-	Sk	-
98-95-3	Nitrobenzene [Benzene, nitro]												
99-08-1	3-Nitrotoluene				A	Nitrotoluene	2	11	-	-	-	Sk	-
99-08-1	3-Nitrotoluene				A	Nitrotoluene	2	11	-	-	-	Sk	-
99-08-1	3-Nitrotoluene				A	Nitrotoluene	2	11	-	-	-	Sk	-
99-09-2	m-Nitroaniline(Note: see also CAS No 88-74-4 & 100-01-6)	T; R23/24/25 S: (1/2) - 28 - 36/37 - 45 - 61 ; R52-53	T; R: 23/24/25 - 33 - 52/53 , S: (1/2) - 28 - 36/37 - 45 - 61 ; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
99-35-4	1,3,5-Trinitrobenzene [Trinitrobenzene]	E; R3 T+; R26/27/28 R33 N; R50-53	E; T+; N R: 3-26/27/28-33-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
		Xn; R22-48/20/21/22	Xn R: 22-48/20/21/22	Conc>=25%; Xn; R22; R48/20/21/22 >=10%Conc<25%; Xn; R48/20/21/22	N	-	-	-	-	-	-	-	-
99-54-7	Benzene, 1,2-dichloro-4-nitro-	Carc. Cat.3; R40 R: 23/24/25 R52-53	T R: 23/24/25-40-52/53 S: (1/2)-36/37-45-61	Conc>=25%; T; R40; R23/24/25 >=3%Conc<25%; Xn; R40; R20/21/22 >=1%Conc<3%; Xn; R40	Eu	-	-	-	-	-	-	-	-
99-55-8	5-Nitro-o-toluidine (Note: see also CAS No. 51085-52-0)	T+; R26/27/28 R33 N; R50-53	T+; N; R: 26/27/28 - 33 - 50/53 S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >= 0.1%Conc<1%; Xn; R20/21/22	Eu; A	m-Dinitrobenzene	0.15	1	-	-	-	Sk	-
99-97-8	N,N-Dimethyl-p-toluidine (Note: see also CAS No. 121-72-2 and 609-72-3)	T; R23/24/25 R33 R52-53	T R: 23/24/25-33-52/53 S: (1/2)-28-36/37-45-61; Note: C	Conc>=5%; T; R23/24/25; R33 >=1%Conc<5%; Xn; R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
99-98-9	4-Amino-N,N-dimethylaniline [N,N-Dimethylaniline-1,4-diamine](Note: see also CAS No 2836-04-6)	T; R23/24/25	T; R: 23/24/25 , S: (1/2) - 28 - 45 ; Note: C	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
99-99-0	4-Nitrotoluene	T; R23/24/25 R33 N; R51-53	T; N R: 23/24/25-33-51/53 S: (1/2)-28-37-45-61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	Nitrotoluene	2	11	-	-	-	Sk	-
99-99-0	4-Nitrotoluene	T; R23/24/25 R33 N; R51-53	T; N R: 23/24/25-33-51/53 S: (1/2)-28-37-45-61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	Nitrotoluene	2	11	-	-	-	Sk	-
99-99-0	4-Nitrotoluene	T; R23/24/25 R33 N; R51-53	T; N R: 23/24/25-33-51/53 S: (1/2)-28-37-45-61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	Nitrotoluene	2	11	-	-	-	Sk	-
100-00-5	1-Chloro-4-nitrobenzene	Carc. Cat.3; R40 Mut. Cat.3; R68 T; R23/24/25 Xn; R48/20/21/22 N; R51-53	T; N R: 23/24/25-40-48/20/21/22-68-51/53 S: (1/2)-28-36/37-45-61	Conc>=25%; T; R40; R68; R23/24/25; R48/20/21/22 >=10%Conc<25%; Xn; R40; R68; R20/21/22- R48/20/21/22 >=3%Conc<10%; Xn; R40; R68; R20/21/22 >=1%Conc<3%; Xn; R40; R68	Eu; A	p-Nitrochlorobenzen e	0.1	0.64	-	-	-	Sk	-
100-01-6	p-Nitroaniline(Note: see also CAS No 88-74-4 & 99-09-2)	T; R23/24/25 R33 R52-53 Xn; R20/21/22 R33	T; R: 23/24/25 - 33 - 52/53 , S: (1/2) - 28 - 36/37 - 45 - 61 ; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	p-Nitroaniline	-	3	-	-	-	Sk	-
100-02-7	4-Nitrophenol [p-Nitrophenol]	Xn; R20/21/22 R33	Xn; R: 20/21/22 - 33 , S: (2) - 28	Conc>=25%; Xn; R20/21/22; R33 >=1%Conc<25%; Xn; R33	Eu	-	-	-	-	-	-	-	-
100-22-1	NNNN'-Tetramethyl-p-phenylenediamine	Xn; R20/21/22	Xn; R: 20/21/22 , S: (2) - 28	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
100-25-4	1,4-Dinitrobenzene [p-Dinitrobenzene](Note: see also CAS No 528-29-0, 99-65-0 & 25154-54-5)	T+; R26/27/28 R33 N; R50-53 R10	T+; N; R: 26/27/28 - 33 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >= 0.1%Conc<1%; Xn; R20/21/22	Eu; A	p-Dinitrobenzene	0.15	1	-	-	-	Sk	-
100-37-8	2-Diethylaminoethanol [N, N-Diethylethanolamine]	Xn; R20/21/22 C; R34	C; R: 10 - 20/21/22 - 34, S: (1/2) - 25 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R20/21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu; A	2-Diethylaminoethanol (h)	10	48	-	-	-	Sk	-
100-39-0	alpha-Bromotoluene [Benzyl bromide]	Xi; R36/37/38 F; R11 Xn; R20 Xi; R36/38	Xi; R: 36/37/38 , S: (2) - 39	Conc>=20%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
100-41-4	1175Benzene, ethyl- [Ethyl benzene]	F; Xn Xn; R20 Xi; R36/38	F; Xn R: 11-20-36/38	Conc>=25%; Xn; R20; R36/38 >=20%Conc<25%; Xi; R36/38	N/Eur; A	Ethyl benzene	100	434	125	543	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
100-42-5	Benzene, ethenyl- [Styrene monomer]	R10		Conc>=25%: Xn; R40; R20; R48/20; R36/37/38 >=20%Conc<25%: Xn; R40; R48/20; R36/37/38	N/Eu; A	Styrene, monomer	50	213	100	426	-	-	-
		Xn	>=10%Conc<20%: Xn; R40; R48/20										
		R: 10-20-36/37/38-40-48/20	>=1%Conc<10%: Xn; R40										
100-44-7	Benzene, (chloromethyl)- [alpha-Chlorotoluene; Benzyl chloride]			Conc>=25%: T; R45; R23; R22; R48/22; R37/38; R41; R43 >=20%Conc<25%: T; R45; R20; R48/22; R37/38; R41; R43 >=10%Conc<20%: T; R45; R20; R48/22; R41; R43 >=5%Conc<10%: T; R45; R20; R36; R43 >=3%Conc<5%: T; R45; R20; R43 >=1%Conc<3%: T; R45; R43 >=0.1%Conc<1	N; A	Benzyl chloride	1	5.2	-	-	-	-	
		T											
		R: 45-22-23-37/38-41-43-48/22											
100-46-9	Benzylamine [Benzenemethanamine]	C: R34 Xn; R21/22	C: R: 21/22 - 34 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%: C; R34; R21/22 >=10%Conc<25%: C; R34 >=5%Conc<10%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
100-47-0	Benzonitrile	Xn; R21/22	Xn; R: 21/22 , S: (2) - 23	Conc>=25%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-
100-51-6	Benzyl alcohol	Xn; R20/22	Xn; R: 20/22 , S: (2) - 26	Conc>=25%: Xn; R20/22	Eu	-	-	-	-	-	-	-	-
100-52-7	Benzaldehyde	Xn; R22	Xn; R: 22 , S: (2) - 24	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
100-57-2	Phenylmercury hydroxide (Note: see also CAS No 55-68-5 & 8003-05-2)			Conc>=25%: T; R25; R48/24/25; R34 T: N ; R: 25 - 34 - 48/24/25 - 50/53, S: (1/2) - 23 - 24/25 - 37 - 45 - 60 - 61	Eu	-	-	-	-	-	-	-	-
100-61-8	N-Methylaniline [Benzenamine, N-methyl]	T: R23/24/25 R33 N: R50-53	T: N ; R: 23/24/25 - 33 - 50/53, S: (1/2 -) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%: T; R23/24/25; R33 >=3%Conc<25%: Xn; R20/21/22; R33 >=1%Conc<3%: Xn; R33	Eu; A	N-Methyl aniline	0.5	2.2	-	-	-	Sk	-
100-63-0	Phenyldiazine (Note: see also CAS No. 59-88-1, 27140-08-5 and 52033-74-6)			Conc>=25%: T; R45; R68; R23/24/25; R48/23/24/25; R36/38; R43 >=20%Conc<25%: T; R45; R68; R48/23/24/25; R20/21/22; R36/38; R43 >=10%Conc<20%: T; R45; R68; R48/23/24/25; R20/21/22; R43 >=3%Conc<10%: T; R45; R68; R20/21/22; R48/20/21/22; R43 >=1%Conc<3%: T; R45; R68; R48/20/21/22; R43 S: 53-45-61; Note: E	Eu; A	Phenyldiazine	0.1	0.44	-	-	2	Sk;Sen	-
100-74-3	N-Ethylmorpholine			Conc>=25%: T; R45; R68; R23/24/25; R48/23/24/25; R36/38; R43 >=20%Conc<25%: T; R45; R68; R48/23/24/25; R20/21/22; R36/38; R43 >=10%Conc<20%: T; R45; R68; R48/23/24/25; R20/21/22; R43 >=3%Conc<10%: T; R45; R68; R20/21/22; R48/20/21/22; R43 >=1%Conc<3%: T; R45; R68; R48/20/21/22; R43 S: 53-45-61; Note: E	A	N-Ethylmorpholine	5	24	-	-	-	Sk	-
100-97-0	1,3,5,7-Tetraazatricyclo[3.3.1.1 ^{3,7}]decane [Methanamine; Hexamethylenetetramine]	F: R11 R42/43	F; Xn R: 11-42/43	Conc>=1%: Xn; R42/43	N/Eu	-	-	-	-	-	-	-	-
101-02-0	Triphenyl phosphite	Xi: R36/38 N: R50-53	Xi: N R: 36/38-50/53 S: (2)-28-60-61	Conc>=5%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
101-05-3	Anilazine (ISO) [2-Chloro-N-(4,6-dichloro-1,3,5-triazin-2-yl)aniline]	Xi: R36/38 N: R50-53	Xi; N: R: 36/38 - 50/53, S: (2) - 22 - 60 - 61	Conc>=20%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
101-14-4	4,4'-Methylene bis(2-chloroaniline) [MOCA; 2,2'-Dichloro-4,4'-methylenedianiline]	Carc. Cat. 2; R45 Xn; R22 N: R50-53	T: N: R: 45 - 22 - 50/53, S: 53 - 45 - 60 - 61 ; Note: E	Conc>=25%: T; R45; R22 >=0.1%Conc<25%: T; R45	Eu; A	4,4'-Methylene bis(2-chloroaniline) (h)	0.02	0.22	-	-	2	Sk	-
101-21-3	Chlorpropham (ISO) [Isopropyl 3-chlorocarbamate]	Carc. Cat. 3; R40 Xn; R48/22 N: R51-53	Xn; N R: 40-48/22-51/53 S: (2-)36/37-61	Conc>=10%: Xn; R40; R48/22 >=1%Conc<10%: Xn; R40	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
101-27-9	Barban (ISO) [4-Chlorbut-2-ynyl N-(3-chlorophenyl)carbamate]	Xn: R22 R43 N: R50-53	Xn: N ; R: 22 - 43 - 50/53 , S: (2) - 24 - 36/37 - 60 - 61	Conc>=25%; Xn: R22, R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
				Conc>=7%; T+; R28/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
101-31-5	Hyosciamine	T+; R26/28 Xn: R22 R43	T+ ; R: 26/28 , S: (1/2) - 24 - 45	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	N	-	-	-	-	-	-	-	-
101-54-2	1,4-Benzenediamine, N-phenyl-		T: N R: 22-43										
101-61-1	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline	Carc.Cat.2; R45 N: R50-53	R: 45-50/53 S: 53-45-60-61	Conc>=0.1%; T: R45	Eu	-	-	-	-	-	-	-	-
101-68-8	Benzene, 1,1'-methylenebis[4-isocyanato- [4,4'-Methylenedi]phenyl diisocyanate; Diphenyl(methane-4,4'-diisocyanate; Methylene bisphenyl isocyanate (MDI)]			Conc>=25%; T: R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T: R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T: R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn: R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn: R40; R48/20, R42/43	N/Eur: A	-	-	-	-	-	-	-	(see Isocyanates, all)
		Xn: R22 R43 N: R50-53	Xn: N R: 22-43-50/53 S: (2)-24-37-60-61	Conc>=25%; Xn: R22; R43 >=0.1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
101-72-4	N-Isopropyl-N'-phenyl-p-phenylenediamine			Conc>=10%; T: R45; R68; R39/23/24/25; R48/20/21/22; R43 >=1%Conc<10%; T: R45; R68; R68/20/21/22; R43 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 T: R39/23/24/25 Xn: R48/20/21/22 R43 N: R51-53	T: N R: 45-39/23/24/25-43- 48/20/21/22-68-51/53 S: 53-45-61; Note: E										
101-77-9	4,4'-Diaminodiphenylmethane [4,4'-Methylenedianiline]												
101-80-4	4,4'-Oxydianiline and its salts [p-Aminophenyl ether]				Eu	-	-	-	-	-	2	Sk	-
		Carc.Cat.2; R45 Muta.Cat.2; R46 Repr.Cat.3; R62 T: R23/24/25 N: R51-53	T: N R: 45-46-23/24/25-62-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R45; R46; R62; R23/24/25 >=5%Conc<25%; T: R45; R46; R62; R20/21/22 >=3%Conc<5%; T: R45; R46; R20/21/22 >=0.1%Conc<3%; T: R45; R46	Eu	-	-	-	-	-	-	-	-
101-83-7	Dicyclohexylamine [Cyclohexanamine, N-Cyclohexyl]				Eu	-	-	-	-	-	-	-	-
		Xn: R22 C: R34 N: R50-53	R: 22-34-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; C: R34; R22 >=10%Conc<25%; C: R34 >=2%Conc<10%; Xi: R36/38									
101-84-8	Phenyl ether (vapour) [Diphenyl ether]				A	Phenyl ether (vapour)	1	7	2	14	-	-	-
101-90-6	1,3-Bis(2,3-epoxypropoxy)benzene [Resorcinol diglycidyl ether]												
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn: R21/22 Xi: R36/38 R43 R52-53	Xn R: 21/22 - 36/38 - 40 - 43 - 52/53 - 68 S: (2) - 23 - 36/37 - 61	Conc>=25%; Xn: R40; R68; R21/22; R36/38; R43 >=20%Conc<25%; Xn: R40; R68; R36/38; R43 >=1%Conc<20%; Xn: R40; R68; R43	Eu	-	-	-	-	-	-	-	-
102-06-7	1,3-Diphenylguanidine	Repr. Cat. 3; R62 Xn: R22 Xi: R36/37/38 N: R51-53	Xn: N ; R: 22 - 36/37/38 - 62 - 51/53; S: (2) - 26 - 36/37/39 - 61	Conc>=25%; Xn: R62; R22; R36/37/38 >=20%Conc<25%; Xn: R62; R36/37/38 >=5%Conc<20%; Xn: R62	Eu	-	-	-	-	-	-	-	-
102-54-5	Ferrocene [Dicyclopentadienyl iron]				A	Dicyclopentadienyl iron	-	10	-	-	-	-	-
102-71-6	Ethanol, 2,2',2''-nitritoltris- [Triethanolamine]				N: A	Triethanolamine	-	5	-	-	-	Sen	-
102-77-2	2-(Morpholinio)thio)benzothiazole				Eu	-	-	-	-	-	-	-	-
102-81-8	2-N-Dibutylaminoethanol				A	2-N-Dibutylaminoethanol (h)	2	14	-	-	-	Sk	-
103-11-7	2-Ethylhexyl acrylate				Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
103-16-2	Monobenzonone [4-Hydroxyphenyl benzyl ether; Hydroquinone monobenzyl ether]	Xi: R36 R43	Xi: R: 36 - 43, S: (2) - 24/25 - 26 - 37	Conc>=20%; Xi: R36, R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn: R20/22-48/22 N: R50-53	T: N R: 45-20/22-48/22-68-50/53 S: 53-45-60-61; Note: E	Conc>=25%; T: R45; R68; R20/22; R48/22 >=10%Conc<25%; T: R45; R68; R48/22 >=1%Conc<10%; T: R45; R68 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
103-33-3	Azobenzene	R10 Xn: R65 Xi: R37 N: R51-53	Xn: N: R: 10 - 37 - 65 - 51/53, S: (2) - 24 - 37 - 61 - 62;	Conc>=20%; Xn: R65; R37 >=10%Conc<20%; Xn: R65	Eu	-	-	-	-	-	-	-	-
103-65-1	n-Propylbenzene(Note: see also CAS No 98-82-8)	N: R51-53			Eu	-	-	-	-	-	-	-	-
103-69-5	N-Ethylaniline	T: R23/24/25 R33	T: R: 23/24/25 - 33, S: (1/2) - 28 - 37 - 45	Conc>=25%; T: R23/24/25; R33 >=3%Conc<25%; Xn: R20/21/22; R33 >=1%Conc<3%; Xn: R33	Eu	-	-	-	-	-	-	-	-
103-83-3	Benzyl(dimethylamine [Benzenemethanamine, N,N-dimethyl]	R10 Xn: R20/21/22 C: R34 R52-53	C: R: 10 - 20/21/22 - 34 - 52/53, S: (1/2) - 26 - 36 - 45 - 61	Conc>=25%; C: R34; R20/21/22 >=10%Conc<25%; C: R34 >=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
104-12-1	4-Chlorophenylisocyanate	T+: R26 Xn: R22 Xi: R37/38-41 R42 N: R50-53	T+: N R: 22-26-37/38-41-42-50/53 S: (1/2)-26-28-36/37/39-45-63-60-61	Conc>=25%; T+: R26; R22; R37/38; R41; R42 >=20%Conc<25%; T+: R26; R37/38; R41; R42 >=10%Conc<20%; T+: R26; R41; R42 >=7%Conc<10%; T+: R26; R36; R42 >=5%Conc<7%; T: R23; R36; R42 >=1%Conc<5%; T: R23; R42 >=0.1%Conc<1%; Xn: R20	Eu/A	Isocyanates, all (as-NCO)	-	0.02	-	0.07	-	Sen	-
104-15-4	p-Toluenesulphonic acid (containing a maximum of 5% H2SO4)	Xi: R36/37/38	Xi: R: 36/37/38, S: (2) - 26 - 37	Conc>=20%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-
104-76-7	1-Hexanol, 2-ethyl-	Repr. Cat. 3; R63 Xn: R20 C: R34	C R: 20-34-63	Conc>=25%; C: R63; R34; R20 >=10%Conc<25%; C: R63; R34 >=5%Conc<10%; Xn: R63; R36/38	N	-	-	-	-	-	-	-	-
104-78-9	3-Aminopropylidiethylamine [N,N-Diethyl-1,3-diaminopropane; 3-(Diethylamino)propylamine]	R10 Xn: R21/22 C: R34 Xi: R43	C: R: 10 - 21/22 - 34 - 43, S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C: R34; R21/22; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
104-80-3	Tetrahydrofuran-2,5-diyl(dimethanol	Xi: R36/37/38	Xi: R: 36/37/38, S: (2) - 39	Conc>=10%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-
104-91-6	4-Nitrosophenol	Muta. Cat. 3; R68 Xn: R22 Xi: R41 N: R51-53	Xn: N: R: 22 - 41 - 51/53 - 68 S: (2) - 26 - 36/37/39 - 47 - 49 - 61	Conc>=25%; Xn: R68; R22; R41 >=10%Conc<25%; Xn: R68; R41 >=5%Conc<10%; Xn: R68; R36 >=1%Conc<5%; Xn: R68	Eu	-	-	-	-	-	-	-	-
104-94-9	p-Anisidine [4-Methoxyaniline]	T+: R26/27/28 R33 N: R50	T+: N: R: 26/27/28 - 33 - 50, S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=7%; T+: R26/27/28; R33 >=1%Conc<7%; T: R23/24/25; R33 >=0.1%Conc<1%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
105-08-8	1,4-Cyclohexanedimethanol	Xi: R41	Xi: R: 41	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	N	-	-	-	-	-	-	-	-
105-16-8	2-Diethylaminoethyl methacrylate	Xn: R20 Xi: R36/38 R43	Xn: R: 20 - 36/38 - 43, S: (2) - 26; Note: D	Conc>=25%; Xn: R20; R36/38; R43 >=10%Conc<25%; Xi: R36/38; R43 >=1%Conc<10%; Xi: R43	Eu	-	-	-	-	-	-	-	-
105-36-2	Ethyl bromoacetate	T+: R26/27/28	T+: R: 26/27/28, S: (1/2) - 7/9 - 26 - 45	Conc>=7%; T+: R26/27/28 >=1%Conc<7%; T: R23/24/25 >=0.1%Conc<1%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
105-37-3	Ethyl propionate	F: R11;	F: R: 11 S: (2) - 16 - 23 - 24 - 29 - 33		Eu	-	-	-	-	-	-	-	-
105-39-5	Ethyl chloroacetate	T: R23/24/25 N: R50	T: N: R: 23/24/25 - 50, S: (1/2) - 7/9 - 45 - 61	Conc>=25%; T: R23/24/25 >=3%Conc<25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
105-45-3	Methyl acetate	Xi: R36	Xi: R: 36, S: (2) - 26	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
105-46-4	sec-Butyl acetate(Note: see also CAS No 110-19-0 & F; R11 R66 540-88-5)		F; R: 11 - 66, S: (2) - 16 - 23 - 25 - 29 - 33; Note: C		Eu; A	sec-Butyl acetate	200	950	-	-	-	-	-
105-48-6	Isopropyl chloroacetate	R10 T: R25 Xi: R36/37/38	T; R: 10 - 25 - 36/37/38, S: (1/2) - 26 - 37/39 - 45	Conc>=25%; T: R25; R36/37/38 >=20%Conc<25%; Xn: R22; R36/37/38 >=3%Conc<20%; Xn: R22	Eu	-	-	-	-	-	-	-	-
105-57-7	1,1-Diethoxyethane [Acetal]	F; R11 Xi: R36/38	F; Xi: R: 11 - 36/38, S: (2) - 9 - 16 - 33	Conc>=10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
105-59-9	2,2"-(Methylimino)diehanol [N-Methyldiethanolamine] Xi: R36		Xi: R: 36, S: (2) - 24	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
105-60-2	Caprolactam (dust, vapour) [epsilon Caprolactam] Xi: R20/22 Xi: R36/37/38	Xn: R20/22 Xi: R36/37/38	Xn; R: 20/22 - 36/37/38, S: (2)	Conc>=25%; Xn: R20/22; R36/37/38 >=20%Conc<25%; Xi: R36/37/38	Eu; A	Caprolactam (dust)	1	-	3	-	-	-	-
105-60-2	Caprolactam (dust, vapour) [epsilon Caprolactam] Xi: R36/37/38	Xn: R20/22 Xi: R36/37/38	Xn; R: 20/22 - 36/37/38, S: (2)	Conc>=25%; Xn: R20/22; R36/37/38 >=20%Conc<25%; Xi: R36/37/38	Eu; A	e-Caprolactam (dust and vapour)	-	10	-	20	-	-	-
105-67-9	2,4-Xylenol [2,4-Dimethylphenol](Note: see also CAS No 95-65-8, 95-87-4, 526-75-0, 576-26-1, 1300-71-6 & 71975-58-1)	T: R24/25 C: R34 N: R51-53	T; N; R: 24/25 - 34 - 51/53, Conc>=25%; T: R24/25; R34 S: (1/2) - 26 - 36/37/39 - 45 ->=10%Conc<25%; C: R34; R21/22 61; >=5%Conc<10%; Xn: R21/22; R36/38 >=3%Conc<5%; Xn: R21/22 Note: C		Eu	-	-	-	-	-	-	-	-
105-74-8	Dilauroyl peroxide	O: R7	O: R7, S: (1/2) - 3/7 - 14 - 36 - 37/39		Eu	-	-	-	-	-	-	-	-
105-83-9	N,N-Bis(3-amino-propyl)methylamine	T: R23/24 Xn: R22 C: R34	T; R: 22 - 23/24 - 34, S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; T: R23/24; R34; R22 >=10%Conc<25%; C: R34; R20/21 >=5%Conc<10%; Xn: R20/21; R36/38 >=3%Conc<5%; Xn: R20/21	Eu	-	-	-	-	-	-	-	-
106-26-3	2,6-Octadienal, 3,7-dimethyl-, (Z)-	Xi: R38 R43	Xi: R: 38-43	Conc>=20%; Xi: R38; R43 >=1%Conc<20%; Xi: R43	N	-	-	-	-	-	-	-	-
106-35-4	Heptan-3-one [Ethyl butyl ketone]	R10 Xn: R20 Xi: R36	Xn; R: 10 - 20 - 36, S: (2) - 24	Conc>=25%; Xn: R20; R36 >=20%Conc<25%; Xi: R36	Eu; A	Ethyl butyl ketone	50	234	-	-	-	-	-
106-36-5	Propyl propionate	R10 Xn: R20	Xn; R: 10 - 20 S: (2) - 24	Conc>=25%; Xn: R20	Eu	-	-	-	-	-	-	-	-
106-42-3	Benzene, 1,4-dimethyl- [p-Xylene]	R10 Xn: R20/21 Xi: R37/38	Xn R: 10-20/21-37/38	Conc>=25%; Xn: R20/21; R37/38 >=20%Conc<25%; Xi: R37/38	N/Eu; A	Xylene (o-, m-, p-isomers)	80	350	150	655	-	-	-
106-43-4	4-Chlorotoluene [p-Chlorotoluene](Note: see also CAS No 25168-05-2, 108-41-8 & 95-49-8)	Xn: R20 N: R51-53	Xn; N; R: 20 - 51/53 S: (2) - 24/25 - 61 Note: C	Conc>=25%; Xn: R20	Eu	-	-	-	-	-	-	-	-
106-44-5	p-Cresol(Note: see also CAS No 1319-77-3, 108-39-4, & 95-48-7)	T: R24/25 C: R34	T; R: 24/25 - 34, S: (1/2) - 36/37/39 - 45; Note: C	Conc>=5%; T: R24/25; R34 >=1%Conc<5%; Xn: R21/22; R36/38	Eu	-	-	-	-	-	-	-	-
106-46-7	1,4-Dichlorobenzene [p-Dichlorobenzene]	Carc. Cat. 3; R40 Xi: R36 N: R50-53	Xn; N R: 36-40-50/53 S: (2-36/37-46-60-61	Conc>=20%; Xn: R40; R36 >=1%Conc<20%; Xn: R40	Eu; A	p-Dichlorobenzene	25	150	50	300	-	-	-
106-47-8	p-Chloroaniline [4-Chloroaniline]	Carc. Cat. 2; R45 T: R23/24/25 R43 N: R50-53	T; N; R: 45 - 23/24/25 - 43 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T: R45; R23/24/25; R43 >=3%Conc<25%; T: R45; R20/21/22; R43 >=1%Conc<3%; T: R45; R43 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
106-48-9	4-Chlorophenol(Note: see also CAS No 95-57-8, 108-43-0 & 25167-80-0)	Xn: R20/21/22 N: R51-53	Xn; N; R: 20/21/22 - 51/53, S: (2) - 28 - 61; Note: C	Conc>=25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
106-49-0	p-Toluidine [4-Aminotoluene](Note: see also CAS No 540-23-8 & 540-25-0)	Carc. Cat. 3; R40 T: R23/24/25 Xi: R36 R43 N: R50	T; N; R: 23/24/25 - 36 - 40 - 43 - 50 S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; T: R40; R23/24/25; R36; R43 >=20%Conc<25%; Xn: R40; R20/21/22; R36; R43 >=3%Conc<20%; Xn: R40; R20/21/22; R43 >=1%Conc<3%; Xn: R40; R43	Eu; A	p-Toluidine	2	8.8	-	2	-	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
106-50-3	p-Phenylenediamine	T; R23/24/25 Xi; R36 R43 N; R50-53	T; N; R; 23/24/25 - 36 - 43 - 50/53; S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R20/21/22; R43 >=1%Conc<3%; Xi; R43	Eu; A	p-Phenylenediamine	0.1	-	-	-	-	Sen	-
		T; R23/25 Xi; R36/37/38 N; R50	T; N R: 23/25-36/37/38-50 S: (1/2)-26-28-45-61	Conc>=25%; T; R23/25; R36/37/38 >=20%Conc<25%; Xn; R20/22; R36/37/38 >=3%Conc<20%; Xn; R20/22	Eu;A	Quinone	0.1	0.44	-	-	-	-	-
106-63-8	Isobutyl acrylate	R10 Xn; R20/21 Xi; R38 R43	Xn; R; 10 - 20/21 - 38 - 43; S: (2) - 9 - 24 - 37; Note: D	Conc>=25%; Xn; R20/21; R38; R43 >=10%Conc<25%; Xi; R38; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R22 Xi; R38 R41 N; R51-53	Xn; N; R; 22 - 38 - 41 - 51/53; S: (2) - 23 - 26 - 61	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
106-75-2	Oxydiethylene-bis(chloroformate)	T											
		R: 23/24/25-40 S: (1/2)-36/37-45-63		Conc>=1%; T; R40; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu;A	Vinyl cyclohexene dioxide	10	57	-	-	3	Sk	-
106-88-7	1,2-Epoxybutane	F; R11 Carc. Cat. 3; R40 Xn; R20/21/22 Xi; R36/37/38 R52-53	F; Xn; R; 11 - 20/21/22 - 36/37/38 - 40 - 52/53; S: (2) - 9 - 16 - 29 - 36/37 - 61	Conc>=25%; Xn; R40; R20/21/22; R36/37/38 >=20%Conc<25%; Xn; R40; R36/37/38 >=1%Conc<20%; Xn; R40	Eu	-	-	-	-	-	-	-	-
		R10 Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 3; R62 T; R23/24/25 C; R34		Conc>=25%; T; R45; R46; R62; R23/24/25; R34; R37; R43 >=20%Conc<25%; T; R45; R46; R62; R34; R20/21/22; R37; R43 >=10%Conc<20%; T; R45; R46; R62; R34; R20/21/22; R43 >=5%Conc<10%; T; R45; R46; R62; R20/21/22; R36/38; R43 >=3%Conc<5%; T; R45; R46; R20/21/22	N/Eu; A	Epichlorohydrin	2	7.6	-	-	2	Sk	-
106-89-8	Oxirane , (chloromethyl)- [1-Chloro-2,3-epoxypropane; Xi; R37 Epichlorhydrin]	T; R23/24/25 C; R34 R43	T; R; 23/24/25 - 34 - 43; S: (1/2) - 26 - 36/37/39 - 45 ;	Conc>=10%; T; R23/24/25; R34; R43 >=5%Conc<10%; T; R23/24/25; R36/38; R43 >=2%Conc<5%; T; R23/24/25; R43 >=0.2%Conc<2%; Xn; R20/21/22; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R20/21/22 Xi; R36/38 R43	Xn; R; 20/21/22 - 36/38 - 43 ;	Conc>=25%; Xn; R20/21/22; R36/38; R43 >=10%Conc<25%; Xi; R36/38; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
106-91-2	2,3-Epoxypropyl methacrylate [Glycidyl methacrylate]	R10 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 3; R62 Xn; R20/22 Xi; R37/38-41 R43 R52-53	Xn R: 10 - 20/22 - 37/38 - 40 - 41 - 43 - 52/53 - 62 - 68 S: (2) - 24/25 - 26 - 36/37/39 - 61	Conc>=25%; Xn; R40; R68; R62; R20/22; R37/38; R41; R43 >=20%Conc<25%; Xn; R40; R68; R62; R37/38; R41; R43 >=10%Conc<20%; Xn; R40; R68; R62; R41; R43 R: 10 - 20/22 - 37/38 - 40 - 41 - 43 - 52/53 - 62 - 68 >=5%Conc<10%; Xn; R40; R68; R62; R36; R43 >=1%Conc<5%; Xn; R40; R68; R43	Eu; A	Allyl glycidyl ether (AGE)	5	23	10	47	-	Sk,Sen	-
106-92-3	Allyl 2,3-epoxypropyl ether [Prop-2-en-1-yl 2,3-epoxypropyl ether; Allyl glycidyl ether]												
106-93-4	Ethane, 1,2-dibromo- [1,2-Dibromoethane; Ethylene dibromide]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T; R23/24/25 Xi; R36/37/38 N; R51-53	T; N R: 45-23/24/25-36/37/38-62-68-51-53	Conc>=25%; T; R45; R62; R68; R23/24/25; R36/37/38 >=20%Conc<25%; T; R45; R62; R68; R20/21/22; R36/37/38 >=5%Conc<20%; T; R45; R62; R68; R20/21/22 >=3%Conc<5%; T; R45; R68; R20/21/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N/Eu; A	Ethylene dibromide (d)	-	-	-	-	2	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
106-94-5	Propane, 1-bromo- [1-Bromopropane; n-Propyl bromide]	F; R11 Carc. Cat. 3; R40 Repr. Cat. 2; R60 Repr. Cat. 3; R63 Xn; R48/20 Xi; R36/37/38 R67	T; F R: 11-60-36/37/38-40-48-20-63-67	Conc>=20%; T; R40; R60; R63; R48/20; R36/37/38 >=10%Conc<20%; T; R40; R60; R63; R48/20 >=5%Conc<10%; T; R40; R60; R63 >=1%Conc<5%; T; R40; R60 >=0.5%Conc<1%; T; R60	N/Eu	-	-	-	-	-	-	-	-
		F+; R12; S: (2)- 9 - 16 Note: C											
		F+; R12											
		F+; R12 S: (2)- 9 - 16 - 33 Note: C											
106-97-8	Butane	F+; R12			Eu; A	Butane	800	1900	-	-	-	-	-
106-98-9	But-1-ene [1-Butene; n-Butylene]	F+; R12			Eu		-	-	-	-	-	-	-
106-99-0	1,3-Butadiene [Buta-1,3-diene]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	R 45 - 46 - 12 S: 53 - 45 Note: D	Conc>=0.1%; T; R45; R46	Eu; A	1,3-Butadiene (h)	10	22	-	-	2	-	-
		F+; R12; S: (2)- 9 - 16 - 33 Note: C											
107-01-7	But-2-ene [2-Butene]	F+; R12			Eu	-	-	-	-	-	-	-	-
107-02-8	Acrylaldehyde [Prop-2-enal; Acrolein]	F; R11 T+; R26 T; R24/25 C; R34 N; R50	F; T+; N R: 11 - 24/25 - 26 - 34 - 50 S: 23 - 26 - 26 - 36/37/39 - 45 - 61; Note: D	Conc>=25%; T+; R26; R24/25; R34 >=10%Conc<25%; T+; R26; R34; R21/22 >=7%Conc<10%; T+; R26; R21/22; R36/38 >=5%Conc<7%; T; R23; R21/22; R36/38 >=3%Conc<5%; T; R23; R21/22 >=1%Conc<3%; T; R23 >=0.1%Conc<1%; Xn; R20	Eu; A	Acrolein	0.1	0.23	0.3	0.69	-	-	-
		F; R11 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 3; R62 Xn; R20/21/22-48/20/21/22 Xi; R36/37/38 N; 50											
		F; R11 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 3; R62 Xn; R20/21/22-48/20/21/22 Xi; R36/37/38 N; 50											
		F; R11 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 3; R62 Xn; R20/21/22-48/20/21/22 Xi; R36/37/38 N; 50											
107-05-1	1-Propene, 3-chloro- [3-Chloropropene; Allyl chloride]	N; 50			N/Eu; A	Allyl chloride	1	3	2	6	-	-	-
107-06-2	Ethane, 1,2-dichloro- [1,2-Dichloroethane; Ethylene dichloride]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn; R20/22 Xi; R36/37/38	F; T R: 11-45-20/22-36/37/38-68	Conc>=25%; T; R45; R68; R20/22; R36/37/38 >=20%Conc<25%; T; R45; R68; R36/37/38 >=1%Conc<20%; T; R45; R68 >=0.1%Conc<1%; T; R45	N/Eu; A	Ethylene dichloride	10	40	-	-	-	-	-
		T+; R26/27/28 S: (1/2) - 7/9 - 28 - 45 F; T; N; R: 11 - 23/24/25 - 51/53 , S: (1/2) - 9 - 16 - 24/25 - 45 F: (1/2) - 9 - 16 - 24/25 - 45 S: (1/2) - 9 - 16 - 24/25 - 45 Notes: D; E											
107-07-3	2-Chloroethanol [Ethylene chlorohydrin]	T+; R26/27/28			Eu; A	Ethylene chlorohydrin	1 Peak limitation	3.3 Peak limitation	-	-	-	Sk	-
107-11-9	Allylamine [2-Propen-1-amine]	F; R11. T; R23/24/25 N; R51-53			Eu	-	-	-	-	-	-	-	-
107-13-1	Acrylonitrile	F; R11 Carc. Cat. 2; R45 T; R23/24/25 Xi; R37/38-41 R43 N; R51-53	F; T; N R: 45-11-23/24/25-37/38-41-43-51/53 S: 9-16-53-45-61; Notes: D; E	Conc>=20%; T; R45; R23/24/25; R37/38; R41; R43 >=10%Conc<20%; T; R45; R23/24/25; R41; R43 >=5%Conc<10%; T; R45; R23/24/25; R36; R43 >=1%Conc<5%; T; R45; R23/24/25; R43 >=0.2%Conc<1%; T; R45; R20/21/22 >=0.1%Conc<0.2%; T; R45	Eu; A	Acrylonitrile	2	4.3	-	-	2	Sk	-
		T; R23/24/25 N; R51-53											
		T; R23/24/25 N; R51-53											
		T; R23/24/25 N; R51-53											
107-14-2	Chloroacetonitrile				Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
107-15-3	Ethylenediamine [1,2-Diaminoethane]	R10 C: R34	C ; R : 10 - 21/22 - 34 - 42/43	Conc>=25%; C: R34; R21/22; R42/43	Eur; A	Ethylenediamine	10	25	-	-	-	Sen	-
		Xi: R21/22 R42/43	S: (1/2) - 23 - 26 - 36/37/39 - 45	>=10%Conc<25%; C: R34; R42/43 >=2%Conc<10%; Xn: R36/38; R42/43 >=1%Conc<2%; Xn: R42/43									
		R10 T: R23/24/25 Xi: R36/37/38 N: R50	T ; N ; R: 10 - 23/24/25 - 36/37/38 - 50 , S: (1/2) - 36/37/39 - 38 - 45 - 61	Conc>=25%; T: R23/24/25; R36/37/38 ->=20%Conc<25%; Xn: R20/21/22; R36/37/38 >=3%Conc<20%; Xn: R20/21/22									
107-18-6	Allyl alcohol	T: R23/24/25 Xi: R36/37/38 N: R50	T ; N ; R: 10 - 23/24/25 - 34 - 51/53, S: (1/2) - 26 - 28 - 36 - 45 - 61	Conc>=25%; T: R23/24/25; R34 >=10%Conc<25%; C: R34; R20/21/22 >=5%Conc<10%; Xn: R20/21/22; R36/38 >=3%Conc<5%; Xn: R20/21/22	Eur; A	Allyl alcohol	2	4.8	4	9.5	-	Sk	-
		C: R34 N: R51-53											
107-19-7	Prop-2-yn-1-ol [Propargyl alcohol]				Eur; A	Propargyl alcohol	1	2.3	-	-	-	Sk	-
107-20-0	Chloroacetaldehyde	Carc. Cat. 3; R40 T+: R26 T: R24/25 C: R34 N: R50	T+: N R: 24/25-26-34-40-50 S: (1/2)-26-28-36/37/39-45-61	Conc>=25%; T+: R40; R26; R24/25; R34 >=10%Conc<25%; T+: R40; R26; R21/22; R34 >=7%Conc<10%; T+: R40; R26; R21/22; R36/37/38 >=5%Conc<7%; T: R40; R23; R21/22; R36/37/38 >=3%Conc<5%; T: R40; R23; R21/22 >=1%Conc<3%; T: R40; R23 >=0.1%Conc<1%; Xn: R20	Eur; A	Chloroacetaldehyd e	1 Peak limitation	3.2 Peak limitation	-	-	-	-	-
		Xn: R: R22 , S: (2)		Conc>=25%; Xn: R22									
		Xn: R22	Xn: R: R22 , S: (2)	Conc>=25%; Xn: R22									
107-21-1	Ethanediol [Ethylene glycol]				Eur; A	Ethylene glycol (vapour)	20	52	40	104	-	Sk	-
107-21-1	Ethanediol [Ethylene glycol]				Eur; A	Ethylene glycol (particulate)	-	10	-	-	-	Sk	-
107-22-2	Ethandiol...% [Glyoxal...%]	Muta. Cat. 3; R68 Xn: R20 Xi: R36/38 R43	R: 20-36/38-43-68 S: (2)-36/37; Note: B	Conc>=10%; Xn: R68; R20; R36/38; R43 >=1%Conc<10%; Xn: R68; R43	Eu	-	-	-	-	-	-	-	-
		F+: R12, S: (2) - 9 - 16 - 33 Note: D											
		F+: R12											
107-25-5	Methyl vinyl ether				Eu	-	-	-	-	-	-	-	-
107-30-2	Chloromethyl methyl ether [Chlorodimethyl ether]	F: R11 Carc. Cat. 1; R45 Xn: R20/21/22	F ; T ; R: 45 - 11 - 20/21/22 , S: 53 - 45 ; Note: E	Conc>=25%; T: R45; R20/21/22 >=0.1%Conc<25%; T: R45	Eur; A	Chloromethyl methyl ether (d)	-	-	-	2	-	-	-
		F+: R12 Xn: R20/22 Xi: R36/37	F+ ; Xn ; R: 12 - 20/22 - 36/37 S: (2) - 9 - 16 - 24 - 26 - 33	Conc>=25%; Xn: R20/22; R36/37 >=20%Conc<25%; Xi: R36/37									
		F: R11 N: R51-53	F ; N ; R: 11 - 51/53 S: (2) - 9 - 16 - 29 - 33 - 61										
107-31-3	Methyl formate				Eur; A	Methyl formate	100	246	150	368	-	-	-
107-39-1	2,4,4-Trimethylpent-1-ene	F: R11 N: R51-53	F ; N ; R: 11 - 51/53 S: (2) - 9 - 16 - 29 - 33 - 61		Eu	-	-	-	-	-	-	-	-
		Xi: R36/38	Xi ; R: 36/38 , S: (2)	Conc>=10%; Xi: R36/38									
		T+: R27/28 N: R50	T+ ; N ; R: 27/28 - 50 , S: (1/2) - 36/37/39 - 38 - 45 - 61	Conc>=7%; T+: R27/28 ->=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn: R21/22									
107-49-3	Tetraethyl pyrophosphate [TEPP (ISO)]				Eur; A	TEPP	0.004	0.047	-	-	-	Sk	-
107-64-2	Dimethyldioctadecylammonium chloride [DODMAC]	Xi: R41 N: R50-53	Xi ; N ; R: 41 - 50/53 S: (2/24 - 26 - 39 - 46 - 60 - 61	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
107-66-4	Dibutyl phosphate [Dibutyl hydrogen phosphate]												
107-70-0	4-Methoxy-4-methylpentan-2-one	R10 Xn: R20	Xn ; R: 10 - 20, S: (2) - 23 - 24/25	Conc>=25%; Xn: R20									
107-83-5	Hexane [2-Methylpentane](Note: containing < 5 % n- hexane, CAS No. 110-54-3. See also CAS No. 96-14-0, 75-83-2 & 79-29-8)	F: R11 Xn: R65 Xi: R38 R67	F ; Xn; N R: 11-38-65-67-51/53 S: (2-19-16-29-33-61-62 Note: C	Conc>=20%; Xn: R65; R38 >=10%Conc<20%; Xn: R65	Eur;A	Hexane, other isomers	500	1760	1000	3500	-	-	-
107-87-9	Methyl propyl ketone [2- Pentanone]				A	Methyl propyl ketone	200	705	250	881	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
107-92-6	Butyric acid	C; R34	C ; R : 34 , S : (1/2) - 26 - 36 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
107-98-2	1-Methoxy-2-propanol [Monopropylene glycol methyl ether]	R10 R67	R : 10-67 S : (2) -		Eu/A	Propylene glycol monomethyl ether	100	369	150	553	-	-	-
108-00-9	2-Aminoethyldimethylamine [2-Dimethylaminoethanol]	F; R11 Xn; R21/22 C; R35	F ; C ; R : 11 - 21/22 - 35, S : (1/2) - 16 - 23 - 26 - 28 - 36 - 45	Conc>=25%; C; R35; R21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
108-01-0	Ethanol, 2-(dimethylamino)- [2-Dimethylaminoethanol; N, N-Dimethylethanolanine]	R10 Xn; R20/21/22 C; R34	C R : 10-20/21/22-34-43	Conc>=25%; C; R34; R20/21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	N/Eu; A	Dimethylaminoethanol	2	7.4	6	22	-	-	-
108-03-2	1-Nitropropane	R10 Xn; R20/21/22	Xn ; R : 10 - 20/21/22 , F ; R : 11, S : (2) - 16 - 23 - 29 - 33; Note: D	Conc>=5%; Xn; R20/21/22	Eu; A	1-Nitropropane	25	91	-	-	-	-	-
108-05-4	Vinyl acetate	F; R11			Eu; A	Vinyl acetate (h)	10	35	20	70	-	-	-
108-08-7	2,4-Dimethylpentane (Note: see also CAS No. 142-82-2; 5, 464-06-2, 562-49-2, 565-59-3, 589-34-4, 590-35-2, 591-76-4, 617-78-7 & 31394-54-4)	F; R11 Xn; R65 Xn; R66 R : 11-38-65-67-50/53 S : (2)-9-16-29-33-60-61-62 Note: C		Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
108-10-1	2-Pentanone, 4-methyl- [Isobutyl methyl ketone; 4-Methylpentan-2-one]	F; R11 Xn; R20 Xi; R36/37 R66	F; Xn R : 11-20-36/37-40-66	Conc>=25%; Xn; R40; R20; R36/37 >=20%Conc<25%; Xn; R40; R36/37 >=1%Conc<20%; Xn; R40	N/Eu; A	Methyl isobutyl ketone	50	205	75	307	-	-	-
108-11-2	2-Pentanol, 4-methyl- [Methyl isobutyl carbinol; 4-Methylpentan-2-ol]	R10 Xn; R20 Xi; R36/37/38	Xn R : 10-20-36/37/38	Conc>=25%; Xn; R20; R36/37/38 >=20%Conc<25%; Xi; R36/37/38	N/Eu; A	Methyl isobutyl carbinol	25	104	40	167	-	Sk	-
108-16-7	1-Dimethylaminopropan-2-ol [Dimepranol (INN)]	R10 Xn; R22 C; R34	C ; R : 10 - 22 - 34 , S : (1/2) - 23 - 26 - 36 - 45	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
108-18-9	Disopropylamine [2-Propanamine, N-(1-methylethyl)]	F; R11 Xn; R20/22 C; R34	F ; C ; R : 11 - 20/22 - 34, S : (1/2) - 16 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R20/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu; A	Disopropylamine	5	21	-	-	-	Sk	-
108-20-3	Diisopropyl ether [Isopropyl ether](Note: see also CAS No. 111-43-3)	F; R11 R19 R66 R67	F R : 11-19-66-67 S : (2)-9-16-29-33 Note: C		Eu/A	Isopropyl ether	250	1040	310	1300	-	-	-
108-21-4	Acetic acid, 1-methylethyl ester [Isopropyl acetate]	F; R11 Xi; R36 R66 R67	F; Xi R : 11-36-66-67	Conc>=20%; Xi; R36	N/Eu; A	Isopropyl acetate	250	1040	310	1290	-	-	-
108-24-7	Acetic anhydride	R10 Xn; R20/22 C; R34	C ; R : 10 - 20/22 - 34 , S : (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R20/22 >=5%Conc<25%; Xi; R37/38; R41 >=1%Conc<5%; Xi; R36	Eu; A	Acetic anhydride	5 Peak limitation	21 Peak limitation	-	-	-	-	-
108-30-5	Succinic anhydride	Xn; R22 Xi; R36/37	Xn R : 22-36/37 S : (2)-25-46	Conc>=5%; Xn; R22; R36/37 >=1%Conc<5%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
108-31-6	Maleic anhydride	Xn; R22 C; R34 R42/43	C ; R : 22 - 34 - 42/43, S : (2) - 22 - 23 - 36/37/39 - 45	Conc>=25%; C; R34; R22; R42/43 >=10%Conc<25%; C; R34; R42/43 >=5%Conc<10%; Xn; R42/43; R36/38 >=1%Conc<5%; Xn; R42/43	Eu; A	Maleic anhydride	0.25	1	-	-	-	Sen	-
108-32-7	Propylene carbonate	Xi; R36	Xi; R : 36 , S : (2)	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
108-34-9	Pyrazoxon [Diethyl 3-methylpyrazol-5-yl phosphate]	T+; R26/27/28 R10 Xn; R20/21 Xi; R37/38	T+ ; R : 26/27/28 , S : (1/2) - 13 - 28 - 45	Conc>=7%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
108-38-3	Benzene, 1,3-dimethyl- [m-Xylene]	Xn; R20/21 Xi; R37/38	Xn R : 10-20/21-37/38	Conc>=25%; Xn; R20/21; R37/38 >=20%Conc<25%; Xi; R37/38	N/Eu; A	Xylene (o-, m-, p-isomers)	80	350	150	655	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
108-39-4	m-Cresol[Note: see also CAS No 1319-77-3, 95-48-7 & 106-44-5]	T; R24/25 C; R34	T; R: 24/25 - 34; S: (1/2) - 36/37/39 - 45; Note: C	Conc<=5%; T; R24/25; R34 >=1%Conc<5%; Xn; R21/22; R36/38	Eu	-	-	-	-	-	-	-	-
108-41-8	3-Chlorotoluene [m-Chlorotoluene][Note: see also CAS No 25168-05-2, 95-49-8 & 106-43-4]	Xn; R20 N; R51-53	Xn; N; R: 20 - 51/53 S: (2) - 24/25 - 61 Note: C	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
108-43-0	3-Chlorophenol[Note: see also CAS No 95-57-8, 106-48-9 & 25167-80-0]	Xn; R20/21/22 N; R51-53	Xn; N; R: 20/21/22 - 51/53; S: (2) - 28 - 61; Note: C	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
108-44-1	m-Toluidine [3-Aminotoluene]	T; R23/24/25 R33 N; R50	T; N R: 23/24/25 - 33 - 50 S: (1/2) - 28 - 36/37 - 45 - 61 Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	m-Toluidine	2	8.8	-	-	-	Sk	-
108-45-2	m-Phenylenediamine	Muta. Cat. 3; R68 T; R23/24/25 Xi; R36 R43 N; R50-53	T; N; R: 23/24/25 - 36 - 43 - 50/63 - 68; S: (1/2) - 28 - 36/37 - 45 - 60 - 61 Xn; N	Conc>=25%; T; R68; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R68; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R68; R20/21/22; R43 >=1%Conc<3%; Xn; R68; R43	Eu; A	m-Phenylenediamine	-	0.1	-	-	-	Sk	Sen
108-46-3	1,3-Benzenediol [Resorcinol]	Xn; R22 Xi; R36/38 N; R50	Xn; N R: 22-36/38-50 S: (2)-26-61	Conc>=20%; Xn; R22; R36/38 >=10%Conc<20%; Xn; R22	Eu; A	Resorcinol	10	45	20	90	-	-	-
108-62-3	2,4,6,8-Tetramethyl-1,3,5,7-tetraoxacyclooctane [Metaldehyde]	F; R11 Xn; R22	F; Xn R: 11-22 S: (2)-13-16-25-46	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
108-65-6	2-Methoxy-1-methylethyl acetate	R10	R: 10 S: (2)-	Conc>=25%; Xn; R37	Eu; A	1-Methoxy-2-propanol acetate	50	274	100	548	-	Sk	-
108-67-8	1,3,5-Trimethylbenzene [Benzene, 1,3,5-trimethyl; Mesitylene]	R10 Xi; R37 N; R51-53	Xi; N R: 10-37-51/53 S: (2)-61	Conc>=25%; Xi; R37	Eu	-	-	-	-	-	-	-	-
108-68-9	3,5-Xylenol [3,5-Dimethylphenol]	T; R24/25 C; R34	T; R: 24/25 - 34 S: (1/2) - 26 - 28 - 36/37/39 - 45	Conc>=25%; T; R24/25; R34 >=10%Conc<25%; C; R34; R21/22 >=5%Conc<10%; Xn; R21/22; R36/38 >=3%Conc<5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
108-77-0	2,4,6-Trichloro-1,3,5-triazine [Cyanuric chloride]	T+; R26 Xn; R22 C; R34 R43 R14	T+; C R: 14-22-26-34-43 S: (1/2)-26-28-36/37/39-45-46-63	Conc>=25%; T+; R26; R22; R34; R43 >=10%Conc<25%; T+; R26; R34; R43 >=7%Conc<10%; T+; R26; R36/37/38; R43 >=5%Conc<7%; T; R23; R36/37/38; R43 >=1%Conc<5%; T; R23; R43 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
108-83-8	Diisobutyl ketone [2,6-Dimethylheptan-4-one]	R10 Xi; R37	Xi; R: 10 - 37, S: (2) - 24	Conc>=10%; Xi; R37	Eu; A	Diisobutyl ketone	25	145	-	-	-	-	-
108-84-9	sec-Hexyl acetate	R10	Xi; R38 N; R51-53	Conc>=20%; Xi; R38	A	sec-Hexyl acetate	50	295	-	-	-	-	-
108-86-1	Bromobenzene [Benzene, bromo]	F; R11 Xn; R65 Xi; R38 R67 N; R51-53	Xi; N; R: 10 - 38 - 51/53, S: (2) - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
108-87-2	Methylcyclohexane	F; R11 Repr. Cat. 1; R60-61 Xn; R48/20 Xi; R38	F; Xn; N R: 11-38-65-67-51/53 S: (2)-9-16-33-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu; A	Methylcyclohexane	400	1610	-	-	-	-	-
108-88-3	Benzene, methyl- [Toluene]	R10 T; R24 Xn; R20/22 Xi; R36/37/38	F; T R: 11-60-61-38-48/20	Conc>=20%; T; R60; R61; R48/20; R38 >=10%Conc<20%; T; R60; R61; R48/20 >=0.5%Conc<10%; T; R60; R61	NEur; A	Toluene	50	191	150	574	-	Sk	-
108-89-4	4-Methylpyridine [4-Picoline]	R10 T; R24 Xn; R20/22 Xi; R36/37/38	T; R: 10 - 20/22 - 24 - 36/37/38; S: (1/2) - 26 - 36 - 45	Conc>=25%; T; R24; R20/22; R36/37/38 >=20%Conc<25%; Xn; R21; R36/37/38 >=3%Conc<20%; Xn; R21	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
108-90-7	Chlorobenzene [Benzene, chloro]	R10 Xn: R20 N: R51-53	Xn: N R: 10-20-51/53 S: (2-24)/25-61	Conc>=5%; Xn: R20	Eu: A	Chlorobenzene	10	46	-	-	-	-	-
108-91-8	Cyclohexylamine	R10 Repr. Cat. 3; R62 Xn: R21/22 C: R34	C R: 10-21/22-34-62 S: (1/2-126-36/37/39-45	Conc>=25%; C: R62; R34; R21/22 >=10%Conc<25%; C: R62; R34 >=5%Conc<10%; Xn: R62; R36/38 >=2%Conc<5%; X: R36/38	Eu:A	Cyclohexylamine	10	41	-	-	-	-	-
108-93-0	Cyclohexanol	Xn: R20/22 Xn: R37/38	Xn: R: 20/22 - 37/38 , S: (2) - 24/25	Conc>=25%; Xn: R20/22; R37/38 >=20%Conc<25%; X: R37/38	Eu: A	Cyclohexanol	50	206	-	-	-	Sk	-
108-94-1	Cyclohexanone	R10 Xn: R20	Xn: R: 10 - 20 , S: (2) - 25	Conc>=25%; Xn: R20	Eu: A	Cyclohexanone	25	100	-	-	-	Sk	-
108-98-5	Phenyl mercaptan [Benzenethiol]	Muta Cat.3; R68 T: R23/24/25 Xn: R48/20/21/22 C: R34	T: C R: 23/24/25-34-48/20/21/22-68 S: (1/2-124/25-26-28-36/37/39-45	Conc>=10%; T: R68; R23/24/25; R48/20/21/22; R34 >=3%Conc<10%; C: R68; R34; R20/21/22 >=1%Conc<3%; Xn: R68; R36/38	A	Phenyl mercaptan	0.5	2.3	-	-	-	-	-
109-06-8	2-Methylpyridine [2-Picoline]	R10 Xn: R20/21/22 Xi: R36/37	Xn: R: 10 - 20/21/22 - 36/37 S: (2) - 26 - 36	Conc>=25%; Xn: R20/21/22; R36/37 >=20%Conc<25%; Xi: R36/37	Eu	-	-	-	-	-	-	-	-
109-21-7	Butyl butyrate	R10	R10; S: (2) Note C		Eu	-	-	-	-	-	-	-	-
109-52-4	Valeric acid	C: R34 R52-53	C: R: 34 - 52/53, S: (1/2) - 26 - 36 - 45 - 61	Conc>=10%; C: R34 >=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
109-55-7	3-Aminopropyl dimethylamine [N,N-Dimethyl-1,3-diaminopropane]	R10 Xn: R22 C: R34 R43	C: R: 10 - 22 - 34 - 43, S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C: R34; R22; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
109-59-1	Ethanol, 2-(1-methylethoxy)- [2-Isopropoxyethanol; Ethylene glycol monoisopropyl ether]	Xn: R20/21 Xi: R36	Xn R: 20/21-36	Conc>=25%; Xn: R20/21; R36 >=20%Conc<25%; Xi: R36	N: A	Isopropoxyethanol	25	106	-	-	-	-	-
109-60-4	Acetic acid, propyl ester [Propyl acetate]	F: R11 Xi: R36 R66 R67	F: Xi R: 11-36-66-67	Conc>=20%; Xi: R36	N/Eu: A	n-Propyl acetate	200	835	250	1040	-	-	-
109-60-4	Propyl acetate(Note: see also CAS No. 108-21-4)	F: R11 Xi: R36 R66 R67	R: 11-36-66-67 S: (2-116-26-29-33 Note: C	Conc>=20%; Xi: R36	Eu:A	n-Propyl acetate	200	835	250	1040	-	-	-
109-61-5	Propyl chloroformate [Chloroformic acid propylester; n-Propyl chloroformate]	F: R11 T: R23 C: R34	F: T R: 11-23-34 S: (1/2-116-26-36-45	Conc>=25%; T: R23; R34 >=10%Conc<25%; C: R34; R20 >=5%Conc<10%; Xn: R20; R36/38 >=3%Conc<5%; Xn: R20	Eu	-	-	-	-	-	-	-	-
109-66-0	Pentane(Note: see also CAS No. 78-78-4)	F+: R12 Xn: R65 R66 R67 N: R51-53	F+: Xn: N R: 12-66-66-67-51/53 S: (2-19-16-29-33-61-62 Note: C	Conc>=10%; Xn: R65	Eu:A	Pentane	600	1770	750	2210	-	-	-
109-69-3	Butyl chloride [1-Chlorobutane]	F: R11	F: R11; S: (2) - 9 - 16 - 29	Conc>=25%; C: R35; R20/21/22 >=10%Conc<25%; C: R35 >=5%Conc<10%; C: R34 >=1%Conc<5%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-
109-73-9	Butylamine [1-Butanamine]	F: R11 C: R35 Xn: R20/21/22	F: C: R: 11 - 35; R20/21/22 S: (1/2) - 3 - 16 - 26 - 29 - 36/37 - 38 - 45	Conc>=25%; T: R23/24/25 >=3%Conc<25%; Xn: R20/21/22	Eu: A	Butylamine	5 Peak limitation	15 Peak limitation	-	-	-	Sk	-
109-74-0	n-Butyronitrile	F: R11 T: R23/24/25	F: T R: 11-23/24/25 S: (1/2-116-36/37-45-63	Conc>=25%; T: R23/24/25 >=3%Conc<25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
109-77-3	Malononitrile	T: R23/24/25 N: R50-53	T: N: R: 23/24/25 - 50/53, S: (1/2) - 23 - 27 - 45 - 60 - 61	Conc>=25%; T: R23/24/25 >=3%Conc<25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
109-79-5	Butyl mercaptan				A	Butyl mercaptan	0.5	1.8	-	-	-	-	-
	2-Methylaminoethanol [N-Methyl-2-ethanolamine; N-Methyl-2-amino ethanol; N-Methylethanolamine; 2-(Methylamino)ethanol]	Xn; R21/22 C; R34	C ; R; 34 - 21/22 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
		R10 Repr. Cat. 2; R60-61 Xn; R20/21/22	T ; R; 60 - 61 - 10 - 20/21/22										
109-86-4	2-Methoxyethanol [Ethylene glycol monomethyl ether]	Xn; R20/21/22	S; 53 - 45 ; Note: E	Conc>=25%; T; R60; R61; R20/21/22 >=0.5%Conc<25%; T; R60; R61	Eu; A	2-Methoxyethanol	5	16	-	-	-	Sk	-
109-87-5	Methylal [Dimethoxymethane]				A	Methylal	1000	3110	-	-	-	-	-
		F; R11 Xn; R20/21/22 C; R35	F ; C ; R; 11 - 20/21/22 - 35 , S: (1/2) - 3 - 16 - 26 - 29 - 36/37/39 - 45	Conc>=25%; C; R35; R20/21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/37/38	Eu; A	Diethylamine (h)	10	30	25	75	-	-	-
		F; R11 Xn; R20/22 Xi; R36/37	F ; Xn; R; 11 - 20/22 - 36/37 , S: (2) - 9 - 16 - 24 - 26 - 33	Conc>=25%; Xn; R20/22; R36/37 >=20%Conc<25%; Xi; R36/37	Eu; A	Ethyl formate	100	303	-	-	-	-	-
109-95-5	Ethyl nitrite	E; R2 Xn; R20/21/22	E ; Xn ; R; 2 - 20/21/22 , S: (2)	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
109-99-9	Furan, tetrahydro- [Tetrahydrofuran]	F; R11-19 Xi; R36/37/38	Xi R; 36/37/38	Conc>=20%; Xi; R36/37/38	N/Eu; A	Tetrahydrofuran	100	295	-	-	-	Sk	-
		F+; R12 R19 Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn; R20/22-48/22 Xi; R38 R52-53	F+; T R; 45-12-19-20/22-38-48/22-68-52/53 S: 53-45-61	Conc>=25%; T; R45; R68; R20/22; R48/22; R38 >=20%Conc<25%; T; R45; R68; R48/22; R38 >=10%Conc<20%; T; R45; R68; R48/22 >=1%Conc<10%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
110-00-9	Furan	F; R11 Xn; R20/21/22 Xi; R36/38 R52-53	F ; Xn; R; 11 - 20/21/22 - 36/38 - 52/53 , S: (2) - 16 - 23 - 36/37 - 61	Conc>=25%; Xn; R20/21/22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
110-01-0	Tetrahydrothiophene				Eu	-	-	-	-	-	-	-	-
		O; R7 F; R11 Muta. Cat. 3; R68	O; F; Xn R; 7-11-68 S: (2)-3/7-14-16-23-36/37/39	Conc>=1%; Xn; R68	Eu	-	-	-	-	-	-	-	-
110-05-4	Di-tert-butyl peroxide				Eu; A	Methyl isoamyl ketone	50	234	-	-	-	-	-
110-12-3	Isoamyl methyl ketone [5-Methylhexan-2-one; Methyl isoamyl ketone]	R10 Xn; R20 Xi; R36/37/38 R43	Xn; R; 10 - 20 , S: (2) - 23 - 24/25 R; 22-36/37/38-43 S: (2)-24-26-28-37-46	Conc>=25%; Xn; R20 Conc>=25%; Xn; R22; R36/37/38; R43 >=20%Conc<25%; Xi; R36/37/38; R43 >=0.1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
110-16-7	Maleic acid		Xi; R; 36 , S: (2) - 26 ,	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
110-17-8	Fumaric acid	Xi; R36	F ; C ; R; 11 - 20/22 - 34 , S: (1/2) - 16 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R20/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
110-18-9	N,N,N',N'-Tetramethylethylenediamine [1,2-Bis(dimethylamino)ethane]	F; R11 Xn; R20/22 C; R34	F ; C ; R; 11 - 20/22 - 34 , S: (1/2) - 16 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R20/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
110-19-0	Acetic acid, 2-methylpropyl ester [Isobutyl acetate]	F; R11 R66 R67	F R; 11-66-67		N/Eu; A	Isobutyl acetate	150	713	-	-	-	-	-
		F ; R; 11 - 66 , S: (2) - 16 - 23 - 25 - 29 - 33 ; Note: C			Eu; A	Isobutyl acetate	150	713	-	-	-	-	-
110-19-0	Isobutyl acetate(Note: see also CAS No 105-46-4 & 540-88-5)	F; R11 R66	F ; R; 11 - 66 , S: (2) - 16 - 23 - 25 - 29 - 33 ; Note: C		Eu; A	Isobutyl acetate	150	713	-	-	-	-	-
110-43-0	Heptan-2-one [n-Anyly methyl ketone]	R10 Xn; R20/22	Xn; R; 10 - 20/22 , S: (2) - 24/25	Conc>=25%; Xn; R20/22	Eu; A	Methyl n-amyl ketone	50	233	-	-	-	-	-
		Xi; R; 10 - 36/37 , S: (2) - 24 ; Note: C			Eu	-	-	-	-	-	-	-	-
110-45-2	Isoamyl formate [Isopentyl formate](Note: see also CAS No 638-49-3 & 35073-27-9)	R10 Xi; R36/37	Conc>=20%; Xi; R36/37		Eu	-	-	-	-	-	-	-	-
110-46-3	Amyl nitrite, mixed isomers(Note: see also CAS No 463-04-7)	F; R11 Xn; R20/22	F ; Xn ; R; 11 - 20/22 , S: (2) - 16 - 24 - 46	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
110-49-6	2-Methoxyethyl acetate [Methylglycol acetate]	Repr. Cat. 2; R60-61 Xn; R20/21/22	T; R: 60 - 61 - 20/21/22, S: 53 - 45 ; Note: E	Conc>=25%; T; R60; R61; R20/21/22 >=0.5%Conc<25%; T; R60; R61	Eu; A	2-Methoxyethyl acetate	5	24	-	-	-	Sk	-
110-54-3	n-Hexane	F; R11 Repr. Cat. 3; R62 Xn; R48/20-65 Xi; R38 R67 N; R51-53	F; Xn; N R: 11-38-48/20-65-67-51/53 S: (2-9)-16-29-33-36/37-61-62	Conc>=20%; Xn; R62; R48/20; R38 >=5%Conc<20%; Xn; R62; R48/20	Eu;A	Hexane (n-Hexane)	20	72	-	-	-	-	-
110-62-3	n-Valeraldehyde				A	n-Valeraldehyde	50	176	-	-	-	-	-
110-65-6	But-2-yne-1,4-diol [1,4-Butynediol; 2-Butyne-1,4-diol]	R43 R24 T; R22 Xi; R36	Conc>=25%; T; R24; R22; R36 >=20%Conc<25%; Xn; R21; R36 >=3%Conc<20%; Xn; R21	Conc>=50%; T; R23/25; R21; R48/22; R34; R43 >=25%Conc<50%; T; R23/25; R21; R48/22; R36/38; R43 C; T R: 21-23/25-34-43-48/22 S: (1/2)-25-26-36/37/39-45-46; Note: D	Eu	-	-	-	-	-	-	-	-
110-69-0	Butyraldehyde oxime [Butyraldoxime]	Repr. Cat. 2; R60 Repr. Cat. 2; R61 F; R11 R19 Xn; R20	T; R: 22 - 24 - 36 , S: (1/2) - 23 - 36 - 45	Conc>=25%; T; R60; R61; R20 >=0.5%Conc<25%; T; R60; R61	Eu	-	-	-	-	-	-	-	-
110-71-4	1,2-Dimethoxyethane [Ethylene glycol dimethyl ether; EGDME]				Eu	-	-	-	-	-	-	-	-
110-74-7	Propyl formate(Note: see also CAS No. 625-55-8)	F; R11 Xi; R36/37 R67	R: 11-36/37-67 S: (2-9)-16-24-33 Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
110-80-5	2-Ethoxyethanol [EGEE; Ethylene glycol monoethyl ether]	R10 Repr. Cat. 2; R60-61 Xn; R20/22	T R: 60-61-10-20/22 S: 53-45 Note: E	Conc>=25%; T; R60; R61; R20/22 >=0.5%Conc<25%; T; R60; R61	Eu; A	2-Ethoxyethanol	5	18	-	-	-	Sk	-
110-82-7	Cyclohexane	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-25-33-51-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu;A	Cyclohexane	100	350	300	1050	-	-	-
110-83-8	Cyclohexene				A	Cyclohexene	300	1010	-	-	-	-	-
110-85-0	Piperazine [liquid]	Repr. Cat. 3; R62-63 C; R34 R42/43	Xn; C R: 34-42/43-62-63 S: (1/2)-23-26-36/37/39-45	Conc>=10%; C; R62; R63; R34; R42/43 >=5%Conc<10%; Xn; R62; R63; R36/38; R42/43 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
110-85-0	Piperazine[solid]	Repr. Cat. 3; R62-63 C; R34 R42/43	Xn; C R: 34-42/43-62-63 S: (1/2)-22-26-36/37/39-45	Conc>=10%; C; R62; R63; R34; R42/43 >=5%Conc<10%; Xn; R62; R63; R36/38; R42/43 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
110-86-1	Pyridine	F; R11 Xn; R20/21/22	F; Xn; R: 11 - 20/21/22, S: (2) - 26 - 28	Conc>=5%; Xn; R20/21/22	Eu; A	Pyridine	5	16	-	-	-	-	-
110-88-3	1,3,5-Trioxan [Trioxymethylene]	F; R11 Repr. Cat. 3; R63 Xi; R37	F; Xn R: 11-37-63 S: (2-36)/37-46	Conc>=20%; Xn; R63; R37 >=5%Conc<20%; Xn; R63	Eu	-	-	-	-	-	-	-	-
110-89-4	Piperidine	F; R11 T; R23/24 C; R34	F; T; R: 11 - 23/24 - 34 , S: (1/2) - 16 - 26 - 27 - 45	Conc>=5%; T; R23/24; R34 >=1%Conc<5%; Xn; R20/21; R36/38	Eu; A	Piperidine	1	3.5	-	-	-	Sk	-
110-91-8	Morpholine	R10 Xn; R20/21/22 C; R34	C; R: 10 - 20/21/22 - 34, S: (1/2) - 23 - 36 - 45	Conc>=25%; C; R34; R20/21/22 >=10%Conc<25%; C; R34 >=1%Conc<10%; Xi; R36/38	Eu; A	Morpholine	20	71	-	-	-	Sk	-
110-97-4	1,1'-Iminodipropen-2-ol [Disopropanolamine]	Xi; R36	Xi; R: 36 , S: (2) - 26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
111-14-8	Heptanoic acid	C; R34	C : R 34, S: (1/2) - 26 - 28 - 36/37/39 - Conc<=10%; C; R34 45	Conc<=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
111-15-9	2-Ethoxyethyl acetate [Ethylglycol acetate; EGEEA]	R10 Repr. Cat. 2; R60-61 Xn; R20/21/22	T R: 60-61-10-20/21/22 S: 53-45 Note: E	Conc<=25%; T; R60; R61; R20/21/22 >=0.5%Conc<25%; T; R60; R61	Eu;A	2-Ethoxyethyl acetate	5	27	-	-	-	Sk	-
111-27-3	1-Hexanol [Hexan-1-ol]	Xn; R22 Xi; R36/38	Xn R: 22-36/38	Conc<=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	N	-	-	-	-	-	-	-	-
111-30-8	Glutaraldehyde [1,5-Pentanedial; Glutaral]	T; R23/25 C; R34 R42/43 N; R50	T; N R: 23/25-34-42/43-50 S: (1/2)-26-36/37/39-45-61	Conc<=50%; T; R23/25; R34; R42/43 >=25%Conc<50%; T; R23; R22; R34; R42/43 >=10%Conc<25%; C; R34; R20/22; 42/43 >=2%Conc<10%; Xn; R20/22; R37/38; R41; R42/43 >=1%Conc<2%; Xn; R42/43; R36/37/38 >=0.5%Conc<1%; Xi; R36/37/38; R43	Eu; A	Glutaraldehyde	0.1 Peak limitation	0.41 Peak limitation	-	-	-	Sen	-
111-40-0	Diethylenetriamine [2,2'-iminodiethylamine]	Xn; R21/22 C; R34 R43	C ; R: 21/22 - 34 - 43 , S: (1/2) - 26 - 36/37/39 - 45	Conc<=25%; C; R34; R21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu; A	Diethylene triamine	1	4.2	-	-	-	Sk	-
111-41-1	2-(2-Aminoethylamino)ethanol (AEEA)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 C; R34 R43	T R: 61-34-43-62 S: 53-45	Conc<=10%; T; R61; R62; R34; R43; >=5%Conc<10%; T; R61; R62; R36/37/38; R43 >=1%Conc<5%; T; R61; R43 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
111-42-2	Ethanol, 2,2'-iminobis: [Diethanolamine; 2,2'-iminodiethanol]	Xn; R22-48/21/22 Xi; R37/38-41	Xn R: 22-48/21/22-37/38-41	Conc<=25%; Xn; R22; R48/21/22; R37/38; R41 >=20%Conc<25%; Xn; R48/21/22; R37/38; R41	N; A	Diethanolamine (h)	3	13	-	-	-	-	-
111-43-3	Dipropyl ether(Notes: see also CAS No. 108-20-3)	F; R11 R19 R66 R67	F R: 11-19-66-67 S: (2-3)-16-29-33 Note: C	>=10%Conc<20%; Xn; R48/21/22; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
111-44-4	Bis(2-chloroethyl) ether [2,2'-Dichlorodethyl ether; Dichloroethyl ether]	Carc. Cat. 3; R40 T+; R26/27/28	T+ R: 26/27/28-40 S: (1/2-7/9-27-28-36/37-45	Conc<=7%; T+; R40; R26/27/28 >=1%Conc<7%; T; R40; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu;A	Dichloroethyl ether	5	29	10	58	-	Sk	-
111-46-6	2,2'-Oxybisethanol [Diethylene glycol]	Xn; R22	Xn ; R: 22 S: (2)46	Conc<=25%; Xn; R22	Eu; A	2,2'-Oxybis[ethanol]	23	100	-	-	-	-	-
111-48-8	2,2'-Thiodiethanol [Thiodiglycol]	Xi; R36	Xi ; R: 36 , S: (2)	Conc<=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
111-49-9	Octane [n-Octane](Notes: see also CAS No. 540-84-1; 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-61-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2-3)-16-29-33-60-61-62 Note: C	Conc<=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu;A	Octane	300	1400	375	1750	-	-	-
111-70-6	1-Heptanol	Xi; R38	Xi R: 36	Conc<=20%; Xi; R38	N	-	-	-	-	-	-	-	-
111-76-2	2-Butoxyethanol [EGBE; Ethylene glycol monobutyl ether; Butyl cellosolve]	Xn; R20/21/22 Xi; R36/38	Xn R: 20/21/22 - 36/38 S: (2) - 36/37 - 46	Conc<=25%; Xn; R20/21/22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu; A	2-Butoxyethanol	20	96.9	50	242	-	Sk	-
111-77-3	2-[2-Methoxyethoxy]ethanol [Diethylene glycol monomethyl ether]	Repr. Cat. 3; R63	Xn ; R: 63, S: (2) - 36/37	Conc<=5%; Xn; R63	Eu	-	-	-	-	-	-	-	-
111-84-2	Nonane				A	Nonane	200	1050	-	-	-	-	-
111-87-5	1-Octanol	Xi; R38 R10	Xi R: 36	Conc<=20%; Xi; R38	N	-	-	-	-	-	-	-	-
111-92-2	Di-n-butylamine(Notes: see also CAS No 626-23-3)	Xn; R20/21/22	Xn ; R: 10 - 20/21/22 , S: (2)	Conc<=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		R10 R19 Repr. Cat. 2; R60-61	T ; R: 60 - 61 - 10 - 19 S: 53 - 45	Conc>=0.5%; T; R00; R61	Eu	-	-	-	-	-	-	-	-
111-96-6	Bis(2-methoxyethyl) ether		C ; R: 34 , 45	Conc>=25%; Xn: R20/21/22	N; A	2-Butoxyethyl acetate	20	133	50	333	-	Sk	-
112-05-0	Nonanoic acid	C; R34	S: (1/2) - 26 - 28 - 36/37/39 - Conc>=10%; C; R34	>=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
112-07-2	Ethanol, 2-butoxy-, acetate [2-Butoxyethyl acetate; Butylglycol acetate]	Xn: R20/21/22	R: 20/21/22	Conc>=25%; Xn: R20/21/22	N; A	2-Butoxyethyl acetate	20	133	50	333	-	Sk	-
112-24-3	3,6-Diazaoctanethylenediamin [Triethylenetetramine]	Xn: R21/22 C; R24 R43	C R: 21-34-43-52/53 S: (1/2)-26-36/37/39-45-61	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
112-25-4	2-Hexyloxyethanol	Xn R21/22 C; R34	C R: 21/22-34 S: (1/2)-26-36/37/39-45	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
112-34-5	[Ethylene glycol monohexyl ether; n-Hexylglycol]		Xi; R: 36 , S: (2) - 24 - 26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
112-49-2	1,2-Bis(2-methoxyethoxy)ethane [TEGDME; Triethylene glycol dimethyl ether; Triglyme]	R19 Repr. Cat.2; R61 Repr. Cat.3; R62	T R: 61-19-62 S: 53-45	Conc>=5%; T; R61; R62 >=0.5%Conc<5%; T; R61	Eu	-	-	-	-	-	-	-	-
112-56-1	2-(2-Butoxyethoxy)ethyl thiocyanate	R10 T; R24/25	T ; R: 10 - 24/25 , S: (1/2) - 13 - 36/37 - 45	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
112-57-2	3,6,9-Triazundecamethylenediamine [Tetraethylenepentamine]	Xn: R21/22 C; R34 R43 N; R51-53	C; N R: 21/22-34-43-51/53 S: (1/2)-26-36/37/39-45-61	Conc>=25%; C; R34; R21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
112-59-4	2-(2-Hexyloxyethoxy)ethanol [DEGHE; Diethylene glycol monohexyl ether; 3,6-Dioxa-1-dodecanol; Hexyl carbitol; 3,6-Dioxadodecan-1-ol]	Xn: R21 Xi; R41	Xn R: 21-41 S: (2)-9 - 16 - 33	Conc>=25%; Xn: R21; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
114-26-1	Propoxur (ISO) [2-Isopropoxyphenyl N-methylcarbamate; 2-Isopropoxyphenyl methylcarbamate]	T; R25 N; R50-53	T ; N ; R: 25 - 50/53 , S: (1/2) - 37 - 45 - 60 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu; A	Propoxur	-	0.5	-	-	-	-	Asphyxiant (see Chapter 10)
115-07-1	Propene [Propylene]	F+; R12	F+; R12, S: (2) - 9 - 16 - 33	Conc>=7%; T+; R27/28	Eu	Propylene	-	-	-	-	-	-	-
115-10-6	Dimethyl ether	F+; R12	F+; R12, S: (2) - 9 - 16 - 33	Conc>=25%; T; R26/28; R21	Eu; A	Dimethyl ether	400	760	500	950	-	-	-
115-11-7	2-Methylpropene [Isobutene; Isobutylene]	F+; R12	F+; R12, S: (2) - 9 - 16 - 33 Note: C	>=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
115-26-4	Dimetox (ISO) [Tetramethylphosphordiamidic fluoride]	T+; R27/28	T+ ; R: 27/28 , S: (1/2) - 23 - 28 - 36/37 - 38 - 45	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
115-27-5	1,4,5,6,7,7-Hexachlorobicyclo [2,2,1]hept-5-ene-2,3-dicarboxylicanhydride chlrendic anhydride	Xi: R36/37/38	Xi; R: 36/37/38 , S: (2) - 25	Conc>=1%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
115-29-7	Endosulfan (ISO) [1,2,3,4,7,7-Hexachloro-8,9,10-trinorborn-2-en-5-ylendimethyl sulfite; 1,4,5,6,7,7-Hexachloro-8,9,10-trinorborn-5-en-2,3-ylensdimethyle)ne sulfite]	T+; R26/28 Xi: R21 N; R50-53	T+; N R: 21-26/28-50/53 S: (1/2)-28-36/37-45-60-61-63	Conc>=25%; T+; R26/28; R21 >=7%Conc<25%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu; A	Endosulfan	-	0.1	-	-	-	Sk	-
115-31-1	1,7,7-Trimethylbicyclo(2,2,1)hept-2-yl thiocyanatoacetate [Isobornyl thiocanoacetate]	Xn: R22 N; R50-53	Xn; N R: 22-50/53 S: (2)-24/25-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
115-32-2	Dicofol (ISO) [2,2,2-Trichloro-1,1-bis(4-chlorophenyl)ethanol]	Xn: R21/22 Xi; R38 R43 N; R50-53	Xn; N R: 21/22 - 38 - 43 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R21/22; R43; R38 >=20%Conc<25%; Xi; R43; R38 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
115-76-6	Chlorphonium chloride (ISO) [Tributyl (2,4-dichlorobenzyl) phosphonium chloride]	T; R25 Xn: R21 Xi; R36/38	T ; R: 21 - 25 - 36/38 , S: (1/2) - 36/37/39 - 45	Conc>=25%; T; R25; R21; R36/38 >=20%Conc<25%; Xn; R22; R36/38 >=3%Conc<20%; Xn; R22	Eu	-	-	-	-	-	-	-	-
115-86-6	Triphenyl phosphate		A	Triphenyl phosphate	A	Triphenyl phosphate	-	3	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
115-90-2	O,O-Diethyl O-4-methylsulfinylphenyl phosphorothioate [Fensulfotion (ISO)]	T+: R27/28 N: R50-53	T+: N ; R: 27/28 - 50/53 S: (1/2) - 23 - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+: R27/28 >=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn: R21/22	Eur, A	Fensulfotion	-	0.1	-	-	-	-	-
115-96-8	Tris(2-chloroethyl)phosphate	Carc. Cat. 3: R40 Repr. Cat. 2: R60 Xn: R22 N: R51-53	T: N R: 60-22-40-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R40; R60; R22 >=1%Conc<25%; T: R40; R60 >=0.5%Conc<1%; T: R60	Eu	-	-	-	-	-	-	-	-
116-01-8	Ethoate methyl (ISO) [Ethylcarbamoylmethyl o-o-dimethyl phosphorodithioate]	Xn: R21/22	Xn: R: 21/22 , S: (2) - 36/37	Conc>=25%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
116-06-3	Aldicarb (ISO) [2-Methyl-2-(methylthio)propanaldehyde O-(methylcarbamoyl) oxime; 2-Methyl-2-(methylthio)propanal-O-(N-methylcarbamoyl)oxime]	T+: R26/28 T: R24 N: R50-53	T+: N ; R: 26/28 - 24 - 50/53 S: (1/2) - 22 - 36/37 - 45 - 60 - 61	Conc>=25%; T+: R26/28; R24 >=7%Conc<25%; T+: R26/28; R21 >=3%Conc<7%; T: R23/25; R21 >=1%Conc<3%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
116-15-4	Hexafluoropropene [Hexafluoropropylene]	Xn: R20 Xi: R37	Xn: R: 20 - 37 , S: (2) - 41	Conc>=25%; Xn: R20; R37 >=20%Conc<25%; Xi: R37	Eu	-	-	-	-	-	-	-	-
116-16-5	Hexachloroacetone	Xn: R22 N: R51-53	Xn: N ; R: 22 - 51/53, S: (2) - 24/25 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
117-08-8	Tetrachlorophthalic anhydride	Xi: R41 Xn: R42/43 N: R50-53	Xn: N ; R: 41 - 42/43 - 50/53 S: (2) - 22 - 24 - 26 - 37/39 - 60 - 61	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
117-18-0	Tecnazene (ISO) [1,2,4,5-Tetrachloro-3-nitrobenzene]	Xn: R22 Xi: R43 N: R50-53	Xn: N ; R: 22 - 43 - 50/53 S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
117-52-2	Fumarin [4-Hydroxy-3-[3-oxo-1-(2-furyl)butyl]coumarin; Coumatufury; (RS)-3-(1-(2-Furyl)-3-oxobutyl)-4-hydroxycoumarin]	T: R25-48/25 R52-53	T: R: 25 - 48/25 - 52/53, S: (1/2) - 37 - 45 - 61	Conc>=25%; T: R25; R48/25 >=10%Conc<25%; T: R48/25; R22 >=3%Conc<10%; Xn: R22; R48/22 >=1%Conc<3%; Xn: R48/22	Eu	-	-	-	-	-	-	-	-
117-80-6	Dichloro (ISO) [2,3-Dichloro-1,4-naphthoquinone]	Xn: R22 Xi: R36/38 N: R50-53	Xn: N ; R: 22 - 36/38 - 50/53, S: (2) - 26 - 60 - 61	Conc>=25%; Xn: R22; R36/38 >=20%Conc<25%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester [Bis(2-ethylhexyl) phthalate; DEHP; Di-(2-ethylhexyl) phthalate]	Carc. Cat. 2: R45 Repr. Cat. 2: R60-61	T R: 45-60-61	Conc>=0.5%; T: R45; R60; R61 >=0.1%Conc<0.5%; T: R45	N: A	Di-sec-octyl phthalate	-	5	-	10	-	-	-
117-82-8	Bis(2-methoxyethyl) phthalate [1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) ester]	Repr. Cat. 2: R 61 Repr. Cat. 3: R 62	T: R 61 - 62 S: 53 - 45	Conc>=5%; T: R61; R62 >=0.5%Conc<5%; T: R61	Eu	-	-	-	-	-	-	-	-
118-48-9	4H-3,1-Benzoxazine-2,4(1H)-dione	Xi: R36 R43	Xi: R: 36 - 43, S: (2) - 24 - 26 - 37	Conc>=20%; Xi: R36; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
118-52-5	1,3-Dichloro-5,5-dimethyl hydantoin			1,3-Dichloro-5,5-dimethyl hydantoin	A	-	0.2	-	0.4	-	-	-	-
118-74-1	Hexachlorobenzene [Benzene, hexachloro]	Carc. Cat. 2: R45 T: R48/25 N: R50-53	T: N ; R: 45 - 48/25 - 50/53 S: 53 - 45 - 60 - 61; Note: E	Conc>=10%; T: R45; R48/25 >=1%Conc<10%; T: R45; R48/22 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
118-75-2	Tetrachloro-p-benzoquinone [2,5-Cyclohexadiene-1,4-dione, 2,3,5,6-tetrachloro]	Xi: R36/38 N: R50-53	Xi: N ; R: 36/38 - 50/53, S: (2) - 37 - 60 - 61	Conc>=20%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
118-96-7	2,4,6-Trinitrotoluene [TNT]	E: R2 T: R23/24/25 R33 N: R51-53	E ; T ; N ; R: 2 - 23/24/25 - 33 - 51/53 S: (1/2) - 35 - 45 - 61	Conc>=25%; T: R23/24/25; R33 >=3%Conc<25%; Xn: R20/21/22; R33 >=1%Conc<3%; Xn: R33 Conc>=7%; T+: R27/28 >=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn: R21/22	Eur, A	2,4,6-Trinitrotoluene (TNT)	-	0.5	-	-	-	Sk	-
119-38-0	1-Isopropyl-3-methylpyrazol-5-yl dimethylcarbamate [Isolan]	T+: R27/28 Xi: R36/38 N: R51-53	T+: R: 27/28 , S: (1/2) - 28 - 36/37/39 - 45	Conc>=7%; T+: R27/28 >=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
119-64-2	1,2,3,4-Tetrahydronaphthalene	Xi: R36/38 N: R51-53	Xi: N ; R: 19 - 36/38 - 51/53, S: (2) - 26 - 28 - 61	Conc>=20%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
119-90-4	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy, [3,3'-Dimethoxybenzidine; o-Dianisidine]	Carc. Cat. 2: R45 Muta. Cat. 3: R68 Xn: R22	T R: 45-22-68	Conc>=25%; T: R45; R68; R22 >=1%Conc<25%; T: R45; R68 >=0.1%Conc<1%; T: R45	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
119-90-4	3,3'-Dimethoxybenzidine [o-Dianisidine]	Carc. Cat. 2; R45 Xn: R22	T: R: 45 - 22 , S: 53 - 45 , Note: E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
119-93-7	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl- [3,3'-Dimethylbenzidine; o-Tolidine; 4,4'-bi-o-Tolidine]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn: R22 N; R51-53	T: N R: 45-22-68-51-53	Conc>=25%; T; R45; R68; R22 >=1%Conc<25%; T; R45; R68 >=0.1%Conc<1%; T; R45	N/Eu; A	o-Tolidine (d)	-	-	-	-	2	Sk	-
120-36-5	Dichloroprop (ISO) [2-(2,4-Dichlorophenoxy) propionic acid]	Xn: R21/22 Xi: R38-41	Xn: R: 21/22 - 38 - 41 , S: (2) - 26 - 36/37	Conc>=25%; Xn; R21/22; R38; R41 >=20% Conc<25%; Xi: R38; R41 >=10% Conc<20%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
120-51-4	Benzyl benzoate	Xn: R22 N; R51-53	Xn; N R: 22-51/53 S: (2) -25-46-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
120-71-8	6-Methoxy-m-tolidine [p- Cresidine]	Carc.Cat.2; R45 Xn: R22	T R: 45-22 S: 53-45 Note: E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
120-76-5	di(Benzothiazol-2-yl) disulphide	R31 Xi: R43 N; R50-53	Xi: N: R: 31 - 43 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=1%; Xi: R43; R31	Eu	-	-	-	-	-	-	-	-
120-80-9	1,2-Benzenediol [1,2-Dihydroxybenzene; Catechol; Pyrocatechol]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn: R21/22 Xi: R36/38 R43	Xn R: 21/22-36/38-40-43-68	Conc>=25%; Xn; R40; R68; R21/22; R36/38; R43 >=20% Conc<25%; Xn; R40; R68; R36/38; R43 >=1%Conc<20%; Xn; R40; R68; R43	N; A	Catechol	5	23	-	-	-	-	-
120-82-1	1,2,4-Trichlorobenzene	Xn: R22 Xi: R38 N; R50-53	Xn: N: R: 22 - 38 - 50/53 S: (2/3) - 37/39 - 60 - 61	Conc>=25%; C; R22; R38 >=20% Conc<25%; Xi: R38	Eu; A	1,2,4-Trichlorobenzene	5 Peak limitation	37 Peak limitation	-	-	-	-	-
120-83-2	2,4-Dichlorophenol [Phenol, 2,4-dichloro]	T: R24 Xn: R22 C: R34 N; R51-53	T: N R: 22 - 24 - 34 - 51/53 S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; T; R24; R22; R34 >=10% Conc<25%; C; R21; R34 >=5% Conc<10%; Xn; R21; R36/38 >=3% Conc<5%; Xn; R21	Eu	-	-	-	-	-	-	-	-
120-92-3	Cyclopentanone	R10 Xi: R36/38	Xi: R: 10 - 36/38 , S: (2) - 23	Conc>=20%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
121-14-2	2,4-Dinitrotoluene(Note: see also CAS No. 25321-14-6)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T: R23/24/25 Xn: R48/22 N; R50-53	T: N R: 45-23/24/25-48/22-62-68-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25%; R45; R62; R68; R20/21/22; R48/22 >=5%Conc<10%; T; R45; R62; R68; R20/21/22 >=3%Conc<5%; T; R45; R68; R20/21/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
121-20-0	3-(But-2-enyl)-2-methyl-4-oxocyclopent-2-enyl-2,2-dimethyl-3-(3-methoxy-2-methyl-3-oxoprop-1-enyl)cyclopropanecarboxylate [Cinerin-II]	Xn: R22 N; R50-53	Xn; N R: 22 - 50/53 S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
121-21-1	Pyrethrin-I [2-Methyl-4-oxo-3-(penta-2,4-dienyl)cyclopent-2-enyl [1R-[1alpha]S*(Z);3beta]]-chrysanthemate]	Xn: R20/21/22 N; R50-53	Xn: N: R: 20/21/22 - 50/53, S: (2) - 13 - 60 - 61	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
121-29-9	Pyrethrin-II [2-Methyl-4-oxo-3-(penta-2,4-dienyl)cyclopent-2-enyl[1R-[1alpha]S*(Z)][3beta]]-3-(3-methoxy-2-methyl-3-oxoprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate]	Xn: R20/21/22 N; R50-53	Xn: N: R: 20/21/22 - 50/53, S: (2) - 13 - 60 - 61	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
121-43-7	Trimethyl borate	R10 Xn: R21	Xn; R: 10 - 21 , S: (2) - 23 - 25	Conc>=25%; Xn; R21	Eu	-	-	-	-	-	-	-	-
121-44-8	Triethylamine [Ethanamine, N,N-diethyl]	F: R11 C: R35 Xn: R20/21/22	F: C: R: 11 - 35 - 20/21/22, S: (1/2) - 3 - 16 - 26 - 29 - 36/37/39 - 45	Conc>=25%; C; R35; R20/21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi: R36/37/38	Eu; A	Triethylamine	2	8	4	17	-	-	-
121-45-9	Trimethyl phosphite			Conc>=25%; Xn; R21	A	Trimethyl phosphite	2	10	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
121-47-1	3-Aminobenzene sulphonic acid [Metanilic acid]	Xn; R20/21/22 Xi; R36/38 R43	Xn; R; 20/21/22, S: (2) - 25 - 28 Xi; R; 36/38 - 43, S: (2) - 24 - 37	Conc>=25%; Xn; R20/21/22 Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
121-57-3	4-Aminobenzenesulphonic acid [Sulphanilic acid]	Xn; R22 N; R50-53	T; N; R; 40 - 23/24/25 - 51/53 , S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; Xn; R22; R43 Conc>=20%; Xi; R43	Eu; A	N,N-Dimethylaniline	5	25	10	50	-	Sk	-
121-69-7	N,N-Dimethylaniline [Benzenamine, N,N-dimethyl]	T; R23/24/25 R33 R52-53	R; 23/24/25-33-52/53 S: (1/2)-28-36/37-45-61; Note: C	Conc>=5%; T; R23/24/25; R33 >=1%Conc<5%; Xn; R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
121-72-2	N,N-Dimethyl-m-toluidine (Note: see also CAS No. 99-97-8 and 609-72-3)	Xn; R22 N; R50-53	Xn; N R; 22-43-50/53 S: (2)-24-37-46-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu; A	Malathion	-	10	-	-	-	Sk	-
121-75-5	dimethyl phosphorothioate)(Note: containing <= 0.03 % isomalathion)	Xn; R22 N; R50-53	Xn; R; R; 22 - 43 , S: (2) - 24 - 37	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
121-79-9	Propyl 3,4,5-trihydroxybenzoate	Xi; R43			Eu	-	-	-	-	-	-	-	-
121-82-4	Cyclonite [Hexahydro-1,3,5-trinitro-1,3,5-triazine]				A	Cyclonite	-	1.5	-	-	-	Sk	-
121-87-9	2-Chloro-4-nitroaniline [Benzenamine, 2-chloro-4-nitro]	Xn; R22 N; R51 - 53	Xn; N; R; 22 - 51/53, S: (2) - 22 - 24 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
122-14-5	Fenitrothion (ISO) [Fenitrothion (ISO); O,O-Dimethyl O-4-nitro-m-tolyl phosphorothioate]	Xn; R22 N; R50-53	Xn; N; R; 22 - 50/53 , S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
122-15-6	5,5-Dimethyl-3-oxocyclohex-1-enyl dimethylcarbamate 5,5-dimethyldihydroresorcinol dimethylcarbamate [Dimetan]	T; R25	T; R; 25 , S: (1/2) - 36/37 - 45	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
122-20-3	2-Propanol, 1,1',1''-nitriloltris- [1,1',1''-Nitrilotripropan-2-ol; Trisopropanolamine]	Xi R52-53	Xi R; 37/38-41-52-53	Conc>=20%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N/Eu	-	-	-	-	-	-	-	-
122-34-9	Simazine (ISO) [6-Chloro-N,N'-diethyl-1,3,5-triazine-2,4-diamine]	Xn; N R; 40 - 50/53 N; R50-53	Xn; N S: (2) - 36/37 - 46 - 60 - 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
122-39-4	Diphenylamine [Benzenamine, N-phenyl]	T; R23/24/25 R33 N; 50-53	T; N; R; 23/24/25 - 33 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	Diphenylamine	-	10	-	-	-	-	-
122-60-1	Oxirane, (phenoxymethyl)- [1,2-Epoxy-3-phenoxypropane; 2,3-Epoxypropyl phenyl ether; Phenyl glycidyl ether (PGE)]	Carc. Cat. 2; R45 Xi; R20 Xi; R36/37/38 R43 R52-53	T R; 45-20-36/37/38-43-68-52-53 S: (2) - 24/25	Conc>=25%; T; R45; R68; R20; R36/37/38; R43; >=20%Conc<25%; T; R45; R68; R36/37/38; R43; >=1%Conc<20%; T; R45; R68; R43 >=0.1%Conc<1%; T; R45	N/Eu; A	Phenyl glycidyl ether (PGE)	1	6.1	-	-	-	Sen	-
122-66-7	Hydrazobenzene [1, 2-Diphenylhydrazine]	Carc. Cat. 2; R45 Xn; R22 N; R50-53	T; N; R; 45 - 22 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
122-86-3	4-CPA	Xn; R22	Xn; R; R; 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
122-99-6	2-Phenoxyethanol	Xn; R22 Xi; R36	Xn; R; R; 22 - 36 , S: (2) - 26	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
123-19-3	Dipropyl ketone [Di-n-propyl ketone; Heptan-4-one]	R10 Xn; R20	Xn; R; 10 - 20, S: (2) - 24/25	Conc>=25%; Xn; R20	Eu; A	Dipropyl ketone	50	233	-	-	-	-	-
123-30-8	4-Aminophenol [Phenol, 4-amino]	Muta. Cat. 3; R68 Xn; R20/22 N; R50-53	Xn; N; R; 20/22 - 50/53 - 68, S: (2) - 28 - 36/37 - 60 - 61	Conc>=25%; Xn; R68; R20/22 >=1%Conc<25%; Xn; R68	Eu	-	-	-	-	-	-	-	-
123-31-9	1,4-Dihydroxybenzene [Hydroquinone; Quinol]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn; R22 Xi; R41 R43 N; R50	Xn; N R; 22-40-41-43-68-50 S: (2)-26-36/37/39-61	Conc>=25%; Xn; R40; R68; R22; R41; R43 >=10%Conc<25%; Xn; R40; R68; R41; R43 >=5%Conc<10%; Xn; R40; R68; R36; R43 >=1%Conc<5%; Xn; R40; R68; R43	Eu;A	Hydroquinone	-	2	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
123-38-6	Propanal [Propionaldehyde]	F; R11 Xi; R36/37/38	F; Xi; R: 11 - 36/37/38; S: (2) - 9 - 16 - 29	Conc>=20%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
123-39-7	N-Methylformamide	Repr. Cat. 2; R61 Xn; R21	T; R: 61 - 21 S: 53 - 45; Note: E	Conc>=25%; T; R61; R21 0.5>=5%Conc<25%; T; R61	Eu	-	-	-	-	-	-	-	-
123-42-2	4-Hydroxy-4-methylpentan-2-one [Diacetone alcohol]	Xi; R36	Xi; R: 36; S: (2) - 24/25	Conc>=10%; Xi; R36	Eu; A	Diacetone alcohol	50	238	-	-	-	-	-
123-51-3	Isoamyl alcohol [3-Methylbutyl alcohol; 3-Methyl-1-butanol]				A	Isoamyl alcohol	100	361	125	452	-	-	-
123-54-6	Pentane-2,4-dione [Acetylacetone]	R10 Xn; R22	Xn; R: 10 - 22, S: (2) - 21 - 23 - 24/25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
123-62-6	Propionic anhydride	C; R34	C; R: 34; S: (1/2) - 26 - 45	Conc>=25%; C; R34 >=10%Conc<25%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
123-63-7	2,4,6-Trimethyl-1,3,5-trioxane [Paraldehyde]	R10	R: 10 S: (2)-29		Eu	-	-	-	-	-	-	-	-
123-72-8	Butyraldehyde	F; R11	F; R11, S: (2) - 9 - 29 - 33		Eu	-	-	-	-	-	-	-	-
123-73-9	(E)-2-Butenal [(E)-Crotonaldehyde](Note: see also CAS No 4170-30-3)	F; R11 Muta. Cat. 3; R68 T+; R26 T; R24/25 Xn; R48/22 Xi; R37/38-41 N; R50	F; T+; N R: 11 - 24/25 - 26 - 37/38 - 41 - 48/22 - 50 - 68 S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%; T+; R68; R26; R24/25; R48/22; R37/38; R41 >=20%Conc<25%; T+; R68; R26; R21/22; R48/22; R37/38; R41 >=10%Conc<20%; T+; R68; R26; R21/22; R48/22; R41 >=7%Conc<10%; T+; R68; R26; R21/22; R36 >=5%Conc<7%; T; R68; R23; R21/22; R36 >=3%Conc<5%; T; R68; R21/22; R23 S: (1/2) - 26 - 28 - 36/37/39 - >=1%Conc<3%; T; R68; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	
123-77-3	C,C'-Azodi(formamide)	E; R2 R42	E; Xn R: 2,42 S: (2)-22-24-37	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
123-86-4	Acetic acid, butyl ester [n-Butyl acetate]	R10 R66 R67	R: 10-66-67		N/Eu; A	n-Butyl acetate	150	713	200	950	-	-	-
123-88-6	2-Methoxyethylmercury chloride	T; R25-48/25 C; R34 N; R50-53	T; N; R: 25 - 34 - 48/25 - 50/53, S: (1/2) - 36/37/39 - 45 - 60 - 61	Conc>=25%; T; R25; R48/25; R34 >=10%Conc<25%; T; R48/25; R34; R22 >=5%Conc<10%; Xn; R22; R48/22; R36/38 >=3%Conc<5%; Xn; R22; R48/22 >=1%Conc<3%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
123-91-1	1,4-Dioxane [Dioxane]	F; R11-19 Carc. Cat. 3; R40 Xi; R36/37 R66	F; Xn R: 11 - 19 - 36/37 - 40 - 66 S: (2) - 9 - 16 - 36/37 - 46; Note: D	Conc>=20%; Carc. Cat. 3; Xn; R40; R36/37 >=1%Conc<20%; Xn; Carc. Cat. 3; R40	Eu; A	1,4-Dioxane	10	36	-	-	-	Sk	-
123-92-2	Isopentyl acetate [Isoamyl acetate](Note: see also CAS No 628-63-7, 626-38-0, 624-41-9 & 84145-37-9)	R10 R66	R: 10 - 66, S: (2) - 23 - 25; Note: C		Eu; A	Isoamyl acetate	50	270	100	541	-	-	-
124-04-9	Hexanedioic acid [Adipic acid]	Xi; R37-41	Xi R: 37-41	Conc>=20%; Xi; R37; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
124-09-4	Hexamethylenediamine	Xn; R21/22 Xi; R37 C; R34	C; R: 21/22 - 34 - 37, S: (1/2) - 22 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R21/22; R37 >=20%Conc<25%; C; R34; R37 S: (1/2) - 22 - 26 - 36/37/39 - >=10%Conc<20%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
124-38-9	Carbon dioxide in coal mines			Carbon dioxide in coal mines	A	Carbon dioxide in coal mines	12500	22500	30000	54000	-	-	-
124-38-9	Carbon dioxide			Carbon dioxide	A	Carbon dioxide	5000	9000	30000	54000	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
124-40-3	Dimethylamine ...%(Note: see also CAS No 74-89-5 & 75-50-3)	F+; R12 Xn; R20/22 C; R34	F+; C; R: 12 - 20/22 - 34, S: (1/2) - 3 - 16 - 26 - 29 - 36/37/39 - 45; Note: B	Conc>=15%; C; R34; R20/22 >=10%Conc<15%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eur; A	Dimethylamine	2	3.8	6	11	-	-
124-40-3	Dimethylamine(Note: see also CAS No 74-89-5 & 75- Xi; R37/38 R41 50-3)	F+; R12 Xn; R20 Xi; R37/38 R41	F+; Xn; R: 12 - 20 - 37/38 - 41, S: (2) - 16 - 26 - 39	Conc>=5%; Xn; R20; R37/38; R41 >=0.5%Conc<5%; Xi; R36	Eur; A	Dimethylamine	2	3.8	6	11	-	-
124-41-4	Sodium methanolate [Sodium methoxide; Sodium methylate](Note: see also CAS No 865-33-8 & 865-34-9)	F; R11 R14 C; R34	F; C; R: 11 - 14 - 34, S: (1/2) - 8 - 16 - 26 - 43 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
124-66-5	2-Amino-2-methylpropanol	Xi; R36/38 R52-53	R: 36/38-52/53 S: (2)61	Conc>=10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
126-33-0	Tetrahydrothiophene-1,1-dioxide [Sulpholane]	Xn; R22	Xn; R: 22, S: (2) - 25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
126-72-7	tris(2,3-dibromopropyl) phosphate [TBPP; 2,3-dibromo-1-propanol-phosphate (3:1); tris(2,3-dibromopropyl) phosphoric acid ester; phosphoric acid, tris(2,3-dibromo-propyl) ester; tris(dibromopropyl) phosphate]	Carc. Cat. 2; R45 Muta. Cat. 3; R68	T; R: 45-68 S: 45-53-60	Conc>=1%; T;R45; R68 >=0.1% Conc <1%; T;R45	N	-	-	-	-	-	-	-
126-73-8	Phosphoric acid, tributyl ester [Tributyl phosphate]	Carc. Cat. 3; R40 Xn; R20/22 Xi; R38	Xn R: 20/22-38-40	Conc>=25%; Xn; R40; R20/22; R38 >=20%Conc<25%; Xn; R40; R38 >=1%Conc<20%; Xn; R40	N; A	Tributyl phosphate	0.2	2.2	-	-	-	-
126-75-0	Demeton-S (ISO) [Diethyl-S-2-ethylthioethyl phosphorothioate]	T+; R27/28	T+; R: 27/28, S: (1/2) - 28 - 36/37 - 45	Conc>=7%; T+; R27/28 >=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-
126-98-7	alpha-Methacrylonitrile [2-Methyl-2-propene nitrile; Methacrylonitrile]	F; R11 T; R23/24/25 R43	F; T R: 11-23/24/25-43 S: (1/2)-19-16-18-29-45; Note: D	Conc>=1%; T; R23/24/25; R43 >=0.2%Conc<1%; Xn; R20/21/22; R43	Eur; A	Methacrylonitrile	1	2.7	-	-	Sk	-
126-99-8	2-Chlorobuta-1,3-diene [Chloroprene (stabilised)]	F; R11 Carc. Cat. 2; R45 Xn; R20/22-48/20 Xi; R36/37/38	F; T R: 45-11-20/22-36/37/38-48/20 S: 53-45; Notes: D; E	Conc>=25%; T; R45; R20/22; R48/20; R36/37/38 >=20%Conc<25%; T; R45; R48/20; R36/37/38 >=10%Conc<20%; T; R45; R48/20 >=0.1%Conc<10%; T; R45	Eur; A	b-Chloroprene	10	36	-	-	Sk	-
127-18-4	Tetrachloroethylene [Ethene, tetrachloro; Perchloroethylene]	Carc. Cat. 3; R40 N; R51-53	Xn; N; R: 40 - 51/53, S: (2) - 23 - 36/37 - 61	Conc>=1%; Xn; R40	Eur; A	Perchloroethylene	50	340	150	1020	3	-
127-19-5	Acetamide, N,N-dimethyl- [N,N-Dimethylacetamide]	Repr. Cat. 2; R61 Xn; R20/21-48/20/21	T R: 61-20/21-48/20/21	Conc>=25%; T; R61; R20/21; R48/20/21 >=10%Conc<25%; T; R61; R48/20/21 >=0.5%Conc<10%; T; R61	N; A	Dimethyl acetamide	10	36	-	-	Sk	-
127-20-8	Dalapon-sodium [Sodium 2,2-dichloropropionate](Note: see also CAS No. 75-99-0)	Xi; R38-41 R52-53	Xi R: 38-41-52/53 S: (2)-26-39-61	Conc>=20%; Xi; R41; R38 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
127-65-1	Chloramine T [Tosylchloramide sodium]	Xn; R22 R31 C; R34 R42	C; R: 22 - 31 - 34 - 42, S: (1/2) - 7 - 22 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R22; R42; R31 >=10%Conc<25%; C; R34; R42; R31 >=5%Conc<10%; Xn; R42; R36/38; R31 >=1%Conc<5%; Xn; R42; R31	Eu	-	-	-	-	-	-	-
127-68-4	Sodium 3-nitrobenzenesulphonate [Benzenesulfonic acid, 3-nitro, sodium salt]	Xi; R36 R43	Xi; R: 36 - 43 S: (2) - 24 - 26 - 37	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-
128-37-0	2,6-Di-tert-butyl-p-cresol				A	2,6-Di-tert-butyl-p-cresol	-	10	-	-	-	-
129-64-6	8,9,10-Trinorborn-5-ene-2,3-dicarboxylic anhydride [cis-Himic anhydride](Note: see also CAS No 826-62-0 & 2746-19-2)	Xi; R41 Xn; R42/43	Xn; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-
129-67-9	Endothal sodium (ISO) [Disodium 7-oxabicyclo(2.2.1)heptane-2,3-dicarboxylate]	T; R25 Xn; R21 Xi; R36/37/38	T; R: 21 - 25 - 36/37/38, S: (1/2) - 36/37/39 - 45	Conc>=25%; T; R25; R21; R36/37/38 >=20%Conc<25%; Xn; R22; R36/37/38 >=3%Conc<20%; Xn; R22	Eu	-	-	-	-	-	-	-
129-73-7	Leucomalachite green [N,N,N',N'-Tetramethyl-4,4'-benzylidenedianiline]	Carc. Cat. 3; R40 Muta. Cat. 3; R68	Xn S: (2)-36/37	Conc>=1%; Xn; R40; R68	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
130-37-0	Menadione sodium bisulfite [2-Naphthalenesulfonic acid,1,2,3,4-tetrahydro-2-methyl-1,4-dioxo-, sodium salt]	Xi; R36/38 N; R50-53	Xi; N R: 36/38-50/53 S: (2-24/25-60-61	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
131-11-3	Dimethyl phthalate				A	Dimethylphthalate	-	5	-	-	-	-	-
131-17-9	Diallyl phthalate	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2-24/25-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
131-18-0	Di-n-Pentyl phthalate (Note: see also CAS No. 84777-06-0; 605-50-5 and n-Pentyl-isopentylphthalate)	Repr. Cat. 2; R60-61 N; R50	T; N R: 60-61-50 S: 53-45-61	Conc>=0.5%; T; R60; R61	Eu	-	-	-	-	-	-	-	-
131-52-2													
131-73-7	Bis(2,4,6-trinitrophenyl)amine [Hexyl]	E; R3 T+; R26/27/28 R33 N; R51-53	E; T+; N R: 3-26/27/28-33-51/53 S: (1/2-27/28-35-36/37-45-61-63	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
131-89-5	Dinex [2-Cyclohexyl-4,6-dinitrophenol]	T; R23/24/25 N; R50-53	T; N R: 23/24/25 - 50/53 S: (1/2) - 13 - 45 - 60 - 61	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
132-27-4	Sodium 2-biphenylate [2-Phenylphenol, sodium salt]	Xn; R22 Xi; R37/38-41 N; R50	Xn; N R: 22 - 37/38 - 41 - 50 S: (2) - 22 - 26 - 61	Conc>=25%; Xn; R22; R37/38; R41 >=20%Conc<25%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
132-32-1	3-Amino-9-ethyl carbazole [9-Ethylcarbazol-3-yamine]		T R: 45 S: 53-45 Note: H										
132-67-2	Napilam-sodium [Sodium N-naphth-1-yphthalamate]	Carc. Cat. 2; R45 Xn; R22	Xn; R; 22, S: (2)	Conc>=0.1%; T; R45 Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
133-06-2	Captan (ISO) [1,2,3,6-Tetrahydro-N-(trichloromethylthio)phthalimide]	Carc. Cat. 3; R40 T; R23 Xi; R41 R43 N; R50	T; N R: 23-40-41-43-50 S: (1/2-26-29-36/37/39-45-61	Conc>=25%; T; R40; R23; R41; R43 >=10%Conc<25%; Xn; R40; R20; R41; R43 >=5%Conc<10%; Xn; R40; R20; R36; R43 >=3%Conc<5%; Xn; R40; R20; R43 >=1%Conc<3%; Xn; R40; R43	Eu/A	Captan	-	0.5	-	-	2	Sk Sen	-
133-07-3	Folpet (ISO) [N-(Trichloromethylthio)phthalimide]	Carc. Cat. 3; R40 Xn; R20 Xi; R36 R43 N; R50	Xn; N R: 20-36-40-43-50 S: (2-36/37-46-61 Xn; R; 22, S: (2) - 36 -	Conc>=25%; Xn; R40; R20; R36; R43 >=20%Conc<25%; Xn; R40; R36; R43 >=1%Conc<20%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
134-31-6	Bis(8-hydroxyquinolinium) sulphate	Xn; R22	Xn; R; 22, S: (2) - 36 -	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
134-32-7	1-Naphthylamine [1-Naphthalenamine]	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53, S: (2) - 24 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
134-62-3	N,N-Diethyl-m-tolamide [DEET]	Xn; R22 Xi; R36/38 R52-53	Xn R: 22 - 36/38 - 52/53 S: (2) - 61	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
135-19-3	2-Naphthol [beta-Naphthol]	Xn; R20/22 N; R50	Xn; N; R: 20/22 - 50, S: (2) - 24/25 - 61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
135-88-6	N-Phenyl-2-naphthylamine [N-2-Naphthylaniline; N-Phenyl-beta-naphthylamine]	Carc. Cat. 3; R40 Xi; R36/38 R43 N; R51-53	Xn; N; R: 36/38 - 40 - 43 - 51/53, S: (2) - 26 - 36/37 - 61	Conc>=20%; Xn; R40; R36/38; R43 >=1%Conc<20%; Xn; R40; R43	Eu; A	n-Phenyl-beta-naphthylamine (d)	-	-	-	-	2	-	-
136-23-2	Zinc bis(dibutylthiocarbamate)	Xi; R36/37/38 R43 N; R50-53	Xi; N; R: 36/37/38 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
136-25-4	Erbon (ISO) [2-(2,4,5-Trichlorophenoxy)ethyl 2,2-dichloropropionate]	Xn: R22 N; R51-53	Xn: N; R: 22 - 51/53, S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
136-78-7	Sesone [Sodium2-(2,4-dichlorophenoxy-ethyl sulphate]												
137-05-3	Methyl 2-cyanoacrylate [Mecrlate]	Xi: R36/37/38	Xi: R: 36/37/38 T: N R: 45-23/24/25-51/53 S: 53-45-61 Note: E	Conc>=10%; Xi; R36/37/38	Eu; A	Methyl 2-cyanoacrylate	2	9.1	4	18	-	-	-
137-17-7	2,4,5-Trimethylaniline (Note: see also CAS No. 21436-97-5)	Carc. Cat.2; R45 T; R23/24/25 N; R51-53		Conc>=25%; T; R45; R23/24/25 >=3%Conc<25%; T; R45; R20/21/22 >=0.1%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-	-
137-26-8	Thiram [Tetramethythiuram disulphide]	Xn: R20/22-48/22 Xi: R36/38 R43 N; R50-53	Xn; N R: 20/22-36/38-43-48/22-50/53 S: (2)-26-36/37-60-61	Conc>=25%; Xn; R20/22; R48/22; R36/38; R43 >=20%Conc<25%; Xn; R48/22; R36/38; R43 >=10%Conc<20%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu; A	Thiram	-	1	-	-	-	-	-
137-30-4	Ziram (ISO) [Zinc bis dimethyldithiocarbamate]	Xn: R22 C; R34 R31 N; R50-53	C; N; R: 34 - 22 - 31 - 43 - 50/53 , S: (1/2 - J) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T+; R26; R22; R48/22; R37; R41; R43 >=20%Conc<25%; T+; R26; R48/22; R37; R41; R43 >=10%Conc<20%; T+; R26; R48/22; R41; R43 >=7%Conc<10%; T+; R26; R36; R43 >=5%Conc<7%; T; R23; R36; R43 >=1%Conc<5%; T; R23; R43 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
137-42-8	Metam sodium (ISO) [Sodium methyldithiocarbamate]	Xn: R22 C; R34 R31 N; R50-53	C; N; R: 34 - 22 - 31 - 43 - 50/53 , S: (1/2 - J) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C; R34; R22; R43; R31 >=10%Conc<25%; C; R34; R43; R31 >=5%Conc<10%; Xn; R43; R36/38; R31 >=1%Conc<5%; Xi; R43; R31	Eu	-	-	-	-	-	-	-	-
138-22-7	n-Butyl lactate				A	n-Butyl lactate	5	30	-	-	-	-	-
138-24-9	N,N,N-Trimethylanilinium chloride [Benzenaminium, N,N,N-trimethyl, chloride]	T: R24/25	T; R: 24/25; S: (1/2) - 25 - 39 - 45 - 53	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
138-86-3	p-Mentha-1,8(9)-diene [Limonene; Dipentene; trans-1; Xi: R38 Methyl-4-(1-methylvinyl)cyclohexene] (Note: see also CAS No 5989-27-5 & 5983-54-8)	R10 R43 N; R50-53	Xi; N; R: 10 - 38 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61; Note: C	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu/N	-	-	-	-	-	-	-	-
139-40-2	Propazine [2-Chloro-4,6-bis(isopropylamino)-1,3,5-triazine]	Carc. Cat. 3; R40 N; R50-53	Xn; N; R: 40 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
139-65-1	4,4'-Thiodianiline and its salts	Carc. Cat.2; R45 Xn: R22 R51-53	T: N R: 45-22-51/53 S: 53-45-61 Note: E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
140-31-8	2-Piperazine-1-ylethylamine [1-Piperazine ethanamine]	Xn: R21/22 C; R34 R43 R52-53	C; R: 21/22 - 34 - 43 - 52/53, S: (1/2) - 26 - 36/37/39 - 45 - 61 Note: E	Conc>=25%; C; R34; R21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
140-41-0	Monuron - TCA [3-(4-Chlorophenyl)-1,1-dimethyluronium trichloroacetate]	Carc. Cat. 3; R40 Xi: R36/38 N; R50-53	Xn; N; R: 36/38 - 40 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=20%; Xn; R40; R36/38 >=1%Conc<20%; Xn; R40	Eu	-	-	-	-	-	-	-	-
140-56-7	Fenaminsulf (ISO) [Sodium 4-dimethylaminobenzenediazoesulphonate]	T: R25 Xn: R21 R52-53	T R: 21 - 25 - 52/53 S: (1/2) - 36/37 - 45 - 61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol [4-tert-Octylphenol]	Xi: R38-41 N; R50-53	Xi; N R: 38-41-50/53 S: (2)-26-37/39-60-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
140-88-5	Ethyl acrylate	F: R11 Xn: R20/21/22 Xi: R36/37/38 R43	F; Xn; R: 11 - 20/21/22 - 36/37/38 - 43 , S: (2) - 9 - 16 - 33 - 36/37; Note: D	Conc>=25%; Xn; R20/21/22; R36/37/38; R43 >=5%Conc<25%; Xi; R36/37/38; R43 >=1%Conc<5%; Xi; R43	Eu; A	Ethyl acrylate	5 Peak limitation	20 Peak limitation	-	-	-	Sen	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
140-90-9	Sodium ethylxanthate [Sodium xanthogenate]	R15/29 Xn; R21/22 Xi; R36/38	Xn; R: 15 - 29 - 21/22 - 36/38 S: 3/9 - 24/25 - 36/37/39	Conc>=25%; Xn; R21/22; R36/38 >=20%Conc<25%; Xi; R36/38	N	-	-	-	-	-	-	-	-
		Xn; R22 Xi; R38 N; R51-53 Xi; R38 R43	Xn; N R: 22 - 38 - 51/53 S: (2) - 13 - 61	Conc>=25%; Xn; R22; R38 >=20%Conc<25%; Xi; R38 Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
141-27-5	2,6-Octadienal, 3,7-dimethyl-, (E)-		R: 38-43		N	-	-	-	-	-	-	-	-
141-32-2	n-Butyl acrylate	R10 Xi; R36/37/38 R43	Xi; R: 10 - 36/37/38 - 43, S: (2) - 9 - ; Note: D	Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu; A	n-Butyl acrylate	1	5	5	26	-	-	-
		Xn; R20/21/22 C; R34	C R: 20/21/22-34 S: (1/2)-26-36/37/39-45	Conc>=25%; C; R34; R20/21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu; A	Ethanolamine	3	7.5	6	15	-	-	-
141-43-5	2-Aminoethanol [Ethanolamine]												
141-52-6	Sodium ethanolate [Sodium ethoxide](Note: see also CAS No 917-58-8)	F; R11 R14 C; R34	F; C; R: 11 - 14 - 34 , S: (1/2) - 8 - 16 - 26 - 43 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
		T+; R28 T; R24 N; R50-53	T+; N; R: 24 - 28 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu; A	Dicrotophos	-	0.25	-	-	-	-	Sk
141-75-3	Butyryl chloride	F; R11 Xi; R36 R66 R67	F; C; R: 11 - 34 , S: (1/2) - 16 - 23 - 26 - 36 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
141-78-6	Acetic acid, ethyl ester [Ethyl acetate]		F; Xi R: 11-36-66-67	Conc>=20%; Xi; R36	N/Eu; A	Ethyl acetate	200	720	400	1440	-	-	-
141-79-7	4-Methylpent-3-en-2-one [Mesityl oxide]	R10 Xn; R20/21/22	Xn; R: 10 - 20/21/22, S: (2) - 25	Conc>=5%; Xn; R20/21/22	Eu; A	Mesityl oxide	15	60	25	100	-	-	-
142-59-6	Nabam (ISO) [Disodium ethylenebis(N,N'-dithiocarbamate)]	Xn; R22 Xi; R37 R43 N; R50-53	Xn; N; R: 22 - 37 - 43 - 50/53 , S: (2 -) - 8 - 24/25 - 46 - 60 - 61	Conc>=25%; Xn; R22; R37; R43 >=20%Conc<25%; Xi; R37; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Repr. Cat. 3; R62-63 Xi; R36/38 R42/43 R52-53	Xn R: 36/38-42/43-62-63-52/53 S: (1/2)-22-36/37-45-63-61	Conc>=20%; Xn; R62; R63; R36/38; R42/43 >=5%Conc<20%; Xn; R62; R63; R42/43 >=1%Conc<5%; Xn; R42/43	Eu/A	Piperazine dhydrochloride	-	5	-	-	-	-	-
142-82-5	Heptane [n-Heptane](Note: see also CAS No. 108-08- Xi; R38 7, 464-06-2, 562-49-2, 565-59-3, 589-34-4, 590-35-2, R67 591-76-4, 617-78-7 & 31394-54-4)	F; R11 Xn; R65 R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu/A	Heptane (n-Heptane)	400	1640	500	2050	-	-	-
142-84-7	Dipropylamine [1-Propanamine, n-propyl]	F; R11 Xn; R20/21/22 C; R35	F; C; R: 11 - 20/21/22 - 35 , S: (1/2) - 16 - 26 - 36/37 - 38 - 45	Conc>=25%; C; R35; R20/21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
142-90-5	Dodecyl methacrylate	Xi; R36/37/38 N; R50-53	Xi; N R: 36/37/38-50/53 S: (2)-26-28-60-61	Conc>=10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
142-96-1	2-[2-(2-Butoxyethoxy)ethoxy]ethanol [TEGBE; Triethylene glycol monobutyl ether; Butoxytriethylene glycol]	R10 Xi; R36/37/38 R52-53	Xi R: 10-36/37/38-52/53 S: (2)-61	Conc>=10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
		Xi; R41	Xi R: 41 S: (2)-26-39-46	Conc>=30%; Xi; R41 >=20%Conc<30%; Xi; R36	Eu	-	-	-	-	-	-	-	-
143-33-9	Sodium cyanide(Note: see also CAS No. 151-50-8)	T+; R26/27/28 Xi; R38 R32	T+; R: 26/27/28-32-38	Conc>=20%; T+; R26/27/28; R38 >=7%Conc<20%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	V	Cyanides (as CN)	-	5	-	-	-	-	Sk

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
143-50-0	Chlorcone (ISO) [Perchloropentacyclo[5.3.0.02,6.03,9,04,8]decan-5-one; Decachloropentacyclo (5.2.1,02,6,03,9,05,8]decan-4-one]	T; R24/25 Carc. Cat. 3; R40 N; R50-53	T ; N ; R: 24/25 - 40 - 50/53 , S: (1/2) - 22 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R40; R24/25 >=3%Conc<25%; Xn; R40; R21/22 >=1%Conc<3%; Xn; R40	Eu	-	-	-	-	-	-	-	-
144-41-2	Morphthion [O,O-Dimethyl-S- (morpholinocarbonyl(methyl)phosphorodithioate]	T; R23/24/25 N; R50-53	T ; N ; R: 23/24/25 - 50/53 , S: (1/2) - 13 - 45 - 60 - 61	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
144-49-0	Fluoroacetic acid	T+; R28 N; R50	T+ ; N ; R: 28 - 50, S: (1/2) - 20 - 22 - 26 - 45 - 61	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
144-62-7	Oxalic acid	Xn; R21/22 S: (2) - 24/25	Xn ; R: 21/22 , S: (2) - 24/25	Conc>=5%; Xn; R21/22	Eu; A	Oxalic acid	-	1	-	2	-	-	-
145-73-3	Erdthal [7-Oxabicyclo(2,2,1)heptane-2,3- dicarboxylic acid]	T; R25 Xn; R21 Xi; R36/37/38	T ; R: 21 - 25 - 36/37/38, S: (1/2) - 36/37/39 - 45	Conc>=25%; T; R25; R21; R36/37/38 >=20%Conc<25%; Xn; R22; R36/37/38 >=3%Conc<20%; Xn; R22	Eu	-	-	-	-	-	-	-	-
148-01-6	Dinitolmide				A	Dinitolmide	-	5	-	-	-	-	-
148-79-8	Thiabendazol (ISO) [2-(Thiazole-4-y)benzimidazole]	N; R50-53	N ; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
149-26-8	Disul [2-(2,4- Dichlorophenoxy)ethyl hydrogensulphate; 2,4-Des]	Xn; R22 Xi; R38-41	Xn ; R: 22 - 38 - 41 , S: (2) - 26	Conc>=25%; Xn; R22; R41; R38 >=20%Conc<25%; Xi; R41; R38 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
149-30-4	Benzothiazole-2-thiol [2(3H)-Benzothiazolethione]	Xi; R43 N; R50 - 53	Xi ; R43 S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
149-57-5	Hexanoic acid, 2-ethyl- [2-Ethylhexanoic acid]	Repr. Cat. 3; R62-63 Xi; R38	Xn R: 38-62-63	Conc>=20% Xn; R62; R63; R38 >=5%Conc<20%; Xn; R62; R63	N	-	-	-	-	-	-	-	-
150-68-5	Monuron (ISO) [3-(4-Chlorophenyl)-1,1-dimethylurea]	Xn; R22 Carc. Cat. 3; R40 N; R50-53	Xn ; N ; R: 22 - 40 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R40; R22 >=1%Conc<25%; Xn; R40	Eu	-	-	-	-	-	-	-	-
150-76-5	Mequinol [4-Methoxyphenol; Hydroquinone monomethyl ether]	Xn; R22 Xi; R36 R43	Xn ; R: 22 - 36 - 43, S: (2) - 24/25 - 26 - 37/39 - 46	Conc>=25%; Xn; R22; R36; R43 >=20%Conc<25%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu; A	4-Methoxyphenol	-	5	-	-	-	-	-
151-21-3	Sodium lauryl sulphate	Xn; R21/22 Xi; R37/38-41	Xn; R: 21/22-37/38-41	Conc>=25%; Xn; R21/22; R37/38; R41 >=20%Conc<25%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	V	-	-	-	-	-	-	-	-
151-50-8	Cyanides (as CN)				A	Cyanides (as CN)	-	5	-	-	-	Sk	-
151-50-8	Potassium cyanide(Note: see also CAS No. 143-33-9)	T+; R26/27/28 Xi; R38 R32	T+; R: 26/27/28-32-38	Conc>=20%; T+; R26/27/28; R38 >=7%Conc<20%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	V	Cyanides (as CN)	-	5	-	-	-	Sk	-
151-56-4	Ethyleneimine [Aziridine]	F; R11 Carc. Cat. 2; R45 Muta. Cat. 2; R46 T+; R26/27/28 C; R34 N; R51-53	F ; T+ ; N ; R: 45 - 46 - 11 - 26/27/28 - 34 - 51/53 , S: 53 - 45 - 61 ; Notes: D; E	Conc>=10%; T+; R45; R46; R26/27/28; R34 >=7%Conc<10%; T+; R45; R46; R26/27/28; R36/38 >=5%Conc<7%; T; R45; R46; R23/24/25; R36/38 26/27/28 - 34 - 51/53 , S: 53 - 45 - 61 ; >=1%Conc<5%; T; R45; R46; R23/24/25 >=0.1%Conc<1%; T; R45; R46; R20/21/22	Eu; A	Ethyleneimine	0.5	0.88	-	-	3	Sk	-
151-67-7	Halothane				A	Halothane	0.5	4.1	-	-	-	-	-
152-16-9	Schradan (ISO) [Octamethylpyrophosphoramide]	T+; R27/28	T+ ; R: 27/28 , S: (1/2) - 36/37 - 38 - 45	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
156-43-4	4-Ethoxyaniline [p-Phenetidine]	Muta. Cat. 3; R68 Xn; R20/21/22 Xi; R36 R43	Xn R: 68-20/21/22-36-43 S: (2-36/37-46	Conc>=25%; Xn; R68; R20/21/22; R36; R43 >=20%Conc<25%; Xn; R68; R36; R43 >=1%Conc<20%;Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
156-59-2	cis-Dichloroethylene 540-59-0 and 156-60-5)	F; R11 Xn; R20 R52-53	F; Xn R: 11-20-52/53 S: (2-17-16-29-61; Note: C	Conc>=12.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
156-60-5	trans-Dichloroethylene (Note: see also CAS No. 540-59-0 and 156-59-2)	F, R11 Xn, R20 R52-53	F, Xn R: 11-20-52/53 S: (2-17)-16-29-61; Note: C	Conc>=12.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
156-62-7	Calcium cyanamide	Xn, R22 Xi, R37-41	Xn; R: 22 - 37 - 41 , S: (2-22 - 26 - 36/37/39	Conc>=25%; Xn, R22; R37; R41 >=20% Conc<25%; Xi; R37; R41 >=10% Conc<20%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu; A	Calcium cyanamide	0.5	-	-	-	-	-	-
192-97-2	Benzo[e]pyrene	Carc. Cat. 2; R45 N; R50-53	T ; N ; R: 45 - 50/53, S: 53 - 45 - 60 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
205-82-3	Benzo[b]fluoranthene	Carc. Cat. 2; R45 N; R50-53	T ; N ; R: 45 - 50/53, S: 53 - 45 - 60 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
205-99-2	Benzo[b]fluoranthene [Benzo[e]jacephenanthrylene]	Carc. Cat. 2; R45 N; R50-53	T ; N ; R: 45 - 50/53, S: 53 - 45 - 60 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
207-08-9	Benzo[k]fluoranthene	Carc. Cat. 2; R45 N; R50-53	T ; N ; R: 45 - 50/53, S: 53 - 45 - 60 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
218-01-9	Chrysene	Carc. Cat. 2; R45 Muta. Cat. 3; R68 N; R50-53	T; N R: 45-68-50/53 S: 53-45-60-61	Conc>=1%; T; R45; R68 >=0.1% Conc<1%; T; R45	Eu; A	Chrysene (d)	-	-	-	-	3	-	-
287-92-3	Cyclopentane	F, R11 R52-53	F ; R: 11 - 52/53 , S: (2) - 9 - 16 - 29 - 33 - 61		Eu; A	Cyclopentane	600	1720	-	-	-	-	-
288-88-0	1,2,4-Triazole	Repr. Cat. 3; R63 Xn, R22 Xi; R36	Xn; R: 22 - 36 - 63, S: (2) - 36/37	Conc>=25%; Xn, R22; R63; R36 >=20% Conc<25%; Xn; R63; R36 >=5% Conc<20%; Xn; R63	Eu	-	-	-	-	-	-	-	-
294-90-6	1,4,7,10-Tetraazacyclododecane	C; R34 Xn, R21/22 N; R50-53	C; N R: 21/22-34-50/53 S: (1/2-122-26-36/37/39-45-60-61	Conc>=25%; C; R34; R21/22 >=10% Conc<25%; C; R34 >=5% Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
297-78-9	Isobenzan (ISO) [1,3,4,5,6,7,8,8-Octachloro-1,3,3a,4,7,7a-hexahydro-4,7-methanolsobenzofuran]	T+; R27/28 N; R50	T+; N ; R: 27/28 - 50 , S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=7%; T+; R27/28 >=1% Conc<7%; T; R24/25 >= 0.1% Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
297-97-2	O,O-Diethyl O-pyrazin-2-yl phosphorothioate [Thionazin]	T+; R27/28	T+ ; R: 27/28 , S: (1/2) - 36/37/39 - 38 - 45	Conc>=7%; T+; R27/28 >=1% Conc<7%; T; R24/25 >=0.1% Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
298-00-0	Parathion - methyl (ISO) [O,O-Dimethyl O-4-nitrophenyl phosphorothioate; Methyl parathion]	R5 R10 T+; R26/28 T; R24 Xn, R48/22 N; R50-53	T+; N R: 5-10-24-26/28-48/22-50/53 S: (1/2-28-36/37-45-60-61	Conc>=25%; T+; R26/28; R24; R48/22 >=10% Conc<25%; T+; R26/28; R21; R48/22 >=7% Conc<10%; T+; R26/28; R21 >=3% Conc<7%; T; R23/25; R21 >=1% Conc<3%; T; R23/25 >=0.1% Conc<1%; Xn; R20/22	Eu; A	Methyl parathion	0.2	-	-	-	-	Sk	-
298-02-2	Phorate (ISO) [O,O-Diethyl ethylthiomethyl phosphorodithioate]	T+; R27/28 N; R50-53	T+; N R: 27/28-50/53 S: (1/2-28-36/37-45-60-61	Conc>=7%; T+; R27/28 >=1% Conc<7%; T; R24/25 >=0.1% Conc<1%; Xn; R21/22	Eu; A	Phorate	0.05	-	0.2	-	-	Sk	-
298-03-3	Demeton-O (ISO) [O,O-Diethyl-O-2-ethylthioethyl phosphorothioate]	T+; R27/28 N; R50	T+ ; N ; R: 27/28 - 50 , S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=7%; T+; R27/28 >=1% Conc<7%; T; R24/25 >=0.1% Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
298-04-4	Disulfoton (ISO) [O,O-Diethyl 2-ethylthioethyl phosphorodithioate]	T+; R27/28 N; R50-53	T+ ; N ; R: 27/28 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R27/28 >=1% Conc<7%; T; R24/25 >=0.1% Conc<1%; Xn; R21/22	Eu; A	Disulfoton	0.1	-	-	-	-	-	-
299-42-3	Ephedrine	Xn, R22	Xn ; R: 22 S: (2) - 22 - 25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
299-45-6	Potasin [O,O-Diethyl O-(4-methylcoumarin-7-yl) phosphorothioate]	T+; R26/27/28 N; R50-53	T+; N R: 26/27/28-50/53 S: (1/2-113-28-45-60-61	Conc>=7%; T+; R26/27/28 >=1% Conc<7 %; T; R23/24/25 >=0.1% Conc<1 %; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
299-84-3	Fendchlorphos (ISO) [O,O-Dimethyl O-2,4,5-trichlorophenyl phosphorothioate; Ronnel]	Xn, R21/22 N; R50-53	Xn; N R: 21/22-50/53 S: (2-25-36/37-60-61	Conc>=25%; Xn; R21/22	Eu; A	Ronnel	10	-	-	-	-	-	-
299-86-5	Cruformate (ISO) [4-tert-Butyl-2-chlorophenyl methyl methylphosphoramidate]	Xn, R21/22 N; R50-53	Xn ; N ; R: 21/22 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R21/22	Eu; A	Cruformate	5	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
300-76-5	Naled (ISO) [1,2-Dibromo-2,2-dichloroethyl dimethyl phosphate]	Xn; R21/22	Xn; N	Conc>=25%; Xn; R21/22; R36/38 >=20%Conc<25 %; Xi; R36/38	Eur; A	Naled	-	3	-	-	-	Sk	-
		Xi; R36/38 N; R50	R; 21/22-36/38-50 S: (2-38)/37-61										
301-04-2	Acetic acid, lead(2+) salt [Lead di(acetate)]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20-48/22 R33 N; R50-53	T; N R; 45-23/24/25-43-48/25-68-50-53	N/Eu	-	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R; 61-20/22-33-40-62-68										
301-08-6	Hexanoic acid, 2-ethyl-, lead(2+) salt		T; N; R; 24/25 - 50 , S: (1/2) - 23 - 36/37 - 45 - 61		N	-	-	-	-	-	-	-	-
301-12-2	Oxydemeton methyl [S-2-(Ethylsulphiny)ethyl O,O-dimethyl phosphorothioate]	T; R24/25 N; R50		Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
302-01-2	Hydrazine	R10 Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25-48/23/25 C; R34 R43 N; R50-53	T; N R; 10-45-23/24/25-34-43-48/23/25-68-50-53	N/Eu	Hydrazine	0.01	0.013	-	-	-	2	Sk;Sen	-
		T; R25 Xi; R36/38	T; R; 25 - 36/38 , S: (1/2) - 25 - 45										
302-17-0	Chloral hydrate [2,2,2-Trichloroethane-1,1-diol]			Conc>=25%; T; R25; R36/38 >=20%Conc<25%; Xn; R22; R36/38 >=3%Conc<20%; Xn; R22	Eu	-	-	-	-	-	-	-	-
302-27-2	Aconitine	T+; R26/28	T+ ; R; 26/28 , S: (1/2) - 24 - 45	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
302-97-6	3-Oxoandrost-4-ene-17-beta-carboxylic acid	Repr. Cat. 3; R62 R53	R; 62-53 S: (2-36)/37-61	Conc>=5%; Xn; R62	Eu	-	-	-	-	-	-	-	-
306-83-2	HCFC-123 (gas) [Ethane, 2,2-dichloro-1,1,1-trifluoro (gas)]	Carc. Cat. 3; R40 R64 Xn; R48/20	Xn; R40; R64; R48/20 S: 3/9; 23; 38; 41	Conc>=5%; Xn; R40; R64; R48/20 >=1%Conc<5%; Xn; R40; R64	N	-	-	-	-	-	-	-	-
306-83-2	HCFC-123 (liquid) [Ethane, 2,2-dichloro-1,1,1-trifluoro (liquid)]	Carc. Cat. 3; R40 R64 Xn; R48/20	Xn; R40; R64; R48/20 S: 3/9; 23; 38; 41	Conc>=10%; Xn; R40; R64; R48/20 >=1%Conc<10%; Xn; R40; R64	N	-	-	-	-	-	-	-	-
309-00-2	Aldrin (ISO)	T; R24/25-48/24/25 Carc. Cat. 3; R40 N; R50-53	T; N ; R; 24/25 - 40 - 48/24/25 - 50/53 , S: (1/2) - 22 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R40; R24/25-48/24/25 >=10%Conc<25%; T; R40; R48/24/25; R21/22 >=3%Conc<10%; Xn; R40; R21/22; R48/21/22 >=1%Conc<3%; Xn; R40; R48/21/22	Eur; A	Aldrin	-	0.25	-	-	3	Sk	-
314-40-9	Bromacil			Conc>=25%; T+; R28; R21 >=7%Conc<25%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	A	Bromacil	1	11	-	-	-	-	-
315-18-4	Mexcarbarte (ISO) [4-Dimethylamino-3,5-xylyl methylcarbamate; 3,5-Dimethyl-4-dimethylaminophenyl N-methylcarbamate]	T+; R28 Xn; R21 N; R50-53	T+ ; N ; R; 21 - 28 - 50/53 , S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
327-98-0	Trichloronate (ISO) [O-Ethyl O-2,4,5-trichlorophenyl ethylphosphonothioate]	T+; R28 T; R24 N; R50-53	T+ ; N ; R; 24 - 28 - 50/53 , S: (1/2) - 23 - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
329-71-5	2,5-Dinitrophenol(Note: see also CAS No 66-56-8; 573-56-8; 577-71-9; & dinitrophenol, salts of)	T; R23/24/25 R33 N; R50-53	T; N ; R; 23/24/25 - 33 - 51/53 S: (1/2) - 28 - 37 - 45 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
330-54-1	Diuron (ISO) [3-(3,4-Dichlorophenyl)-1,1-dimethylurea]	Carc. Cat. 3; R40 Xn: R22-48/22 N: R50-53	Xn; N R: 22-40-48/22-50/53 S: (2)-13-39/37-46-60-61	Conc>=25%; Xn: R40; R22; R48/22 >=10%Conc<25%; Xn: R40; R48/22 >=1%Conc<10%; Xn: R40	Eu/A	Diuron	-	10	-	-	-	-	-
330-55-2	Linuron (ISO) [3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea]	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Carc. Cat. 3; R40 Xn: R22-48/22 N: R50-53	T; N R: 61-22-40-48/22-62-50/53 S: 53-45-60-61; Note: E	Conc>=25%; T; R61; R40; R62; R22; R48/22 >=10%Conc<25%; R61; R40; R62; R48/22 >=5%Conc<10%; T; R61; R40; R62 >=1%Conc<5%; T; R61; R40 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
333-41-5	Diazinon (ISO) [O,O-Diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate]	T; R48/25 N: R50-53	Xn; T; N; R: 22 - 48/25 - 50/53 , S: (2) - 24/25 - 60 - 61	Conc>=25%; Xn: R22	Eu; A	Diazinon	-	0.1	-	-	-	Sk	-
334-88-3	Diazomethane	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45	Conc>=0.1%; T; R45	Eu; A	Diazomethane	0.2	0.34	-	-	3	-	-
353-50-4	Carbonyl fluoride				A	Carbonyl fluoride	2	5.4	5	13	-	-	-
357-57-3	Brucine [2,3-Dimethoxystyrychline]	T+; R26/28 R52-53	T+; R: 26/28 - 52/53, S: (1/2) - 13 - 45 - 61	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
362-03-8	3-(Phenothiazin-10-yl)propionic acid	N: R51-53	N R: 51/53 S: 24/25-61		Eu	-	-	-	-	-	-	-	-
367-51-1	Acetic acid, mercapto-, monosodium salt	T; R23/25 Xn: R21 Xi: R36/37/38 R43	T R: 21-23/25-36/37/38-43	Conc>=25%; T; R23/25; R21; R36/37/38; R43 >=20%Conc<25%; Xn: R20/22; R36/37/38; R43 >=3%Conc<20%; Xn: R20/22; R43 >=1%Conc<3%; Xi: R43	N	-	-	-	-	-	-	-	-
371-86-8	Mipafox [NN'-di-Isopropylphosphordiamidic fluoride]	T+; R39/26/27/28	T+; R: 39/26/27/28 , S: (1/2) - 13 - 45	Conc>=10%; T+; R39/26/27/28 >=1%Conc<10%; T; R39/23/24/25 >=0.1%Conc<1%; Xn: R68/20/21/22	Eu	-	-	-	-	-	-	-	-
373-02-4	Acetic acid, nickel(2+) salt	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn: R20/22 Xi: R38 R42/43	T R: 49-61-20/22-38-42/43-48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49	N	-	-	-	-	-	-	-	-
382-21-8	Perfluorobutylene				A	Perfluorobutylene	0.01 Peak limitation	0.082 Peak limitation	-	-	-	-	-
399-95-1	4-Amino-3-fluorophenol	Carc. Cat. 2; R45 Xn: R22 Xi: R43 N: R51-53	T; N; R: 45 - 22 - 43 - 51/53 , S: 53 - 45 - 61 ; Note: E	Conc>=25%; T; R45; R22; R43 >=1%Conc<25%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
406-58-6	1,1,1,3,3-Pentafluorobutane	F; R11	R: 11 S: (2)-3-9-16-41		Eu	-	-	-	-	-	-	-	-
420-04-2	Cyanamide [Carbanonitri]	T; R25 Xn: R21 Xi: R36/38 R43	T; R: 21 - 25 - 36/38 - 43 , S: (1/2) - 3 - 22 - 36/37 - 45	Conc>=25%; T; R25; R21; R36/38; R43 >=20%Conc<25%; Xn: R22; R36/38; R43 >=3%Conc<20%; Xn: R22; R43 >=1%Conc<3%; Xi: R43	Eu; A	Cyanamide	-	2	-	-	-	-	-
444-14-4	2-Bromo-4,6-difluoroaniline	Xn: R22 N: R51-53	R: 22-51/53 S: (2)-25-61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
460-19-5	Oxalotrile [Cyanogen]	F+; R12 T; R23 N: R50-53	F+; T; N R: 12-23-50/53 S: (1/2)-19-16-23-33-45-63-60-61	Conc>=5%; T; R23 >=0.5%Conc<5%; Xn: R20	Eu/A	Cyanogen	10	21	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
461-96-1	1-Bromo-3,5-difluorobenzene	R10	Xn: R22-48/22 Xn: R38 Xi: R43 R43 R50-53 F: R11 Xn: R20/22	Conc>=25%; Xn: R22-48/22; R38; R43 >=20% Conc<25%; Xn: R48/22; R38; R43 >=10% Conc<20%; Xn: R48/22; R43 >=1% Conc<10%; Xi: R43	Eu		-	-	-	-	-	-	-
463-04-7	Pentyl nitrile(Note: see also CAS No 110-46-3)		F: R11 Xn: R20/22	F: Xn; R: 11 - 20/22, S: (2) - 16 - 24 - 46	Eu		-	-	-	-	-	-	-
463-51-4	Ketene				A	Ketene	0.5	0.86	1.5	2.6	-	-	-
463-56-9	Thiocyanic acid	Xn: R20/21/22 R32	Xn: R: 20/21/22 - 32 - 52/53 S: (2) - 13 - 61	Conc>=25%; Xn: R20/21/22; R32	Eu		-	-	-	-	-	-	-
		R52-53											
463-71-8	Thiocarbonyl chloride [Thiophosgene]	T: R23	T: R: 22 - 23 - 36/37/38, S: (1/2) - 7 - 9 - 36/37 - 45	Conc>=25%; T: R23; R22: R36/37/38 >=20% Conc<25%; Xn: R20; R36/37/38 >=3% Conc<20%; Xn: R20	Eu		-	-	-	-	-	-	-
		Xi: R36/37/38											
463-82-1	Neopentane [2,2-Dimethylpropane]	F+: R12	F+: N R: 12 - 51/53		Eu		-	-	-	-	-	-	-
		N: R51-53											
464-06-2	2,2,3-Trimethylbutane(Note: see also CAS No. 142-82-5, 108-08-7, 562-49-2, 565-59-3, 589-34-4, 590-35- R67 2, 591-76-4, 617-78-7 & 31394-54-4)	F: R11	F: Xn: N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	Conc>=20%; Xn: R65; R38 >=10% Conc<20%; Xn: R65	Eu		-	-	-	-	-	-	-
		N: R50-53											
465-73-6	Isodrin [(1alpha,4alpha,4beta,5beta,8beta,8beta)-1,2,3,4,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-dimethanonaphthalene, 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10:10-hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4beta,5beta,8beta,8beta)]	T+: R26/27/28 N: R50-53	T+: N R: 26/27/28-50/53 S: (1/2)-113-28-36/37-45-60-61	Conc>=7%; T+: R26/27/28 =1% Conc<7%; T: R23/24/25 >=0,1% Conc<1%; Xn: R20/21/22	Eu		-	-	-	-	-	-	-
467-69-6	Fluorenl [9-Hydroxy-9H-fluorene-9-carboxylic acid]	N: R51-53	N: R: 51/53, S: 61		Eu		-	-	-	-	-	-	-
470-90-6	Chlorfenvinphos (ISO) [2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphat]	T+: R28 T: R24 N: R50-53	T+: N R: 26/27/28-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T+: R28; R24 >=7% Conc<25%; T+: R28; R21 >=3% Conc<7%; T: R25; R21 >=1% Conc<3%; T: R25 >=0,1% Conc<1%; Xn: R22	Eu		-	-	-	-	-	-	-
		E: R3 T: R23/24/25 R33											
479-45-8	N-Methyl-N,2,4,6-tetranitroaniline [Tetryl]		R: 3-23/24/25-33 S: (1/2)-35-36/37-45-63	Conc>=25%; T: R23/24/25; R33 >=3% Conc<25%; Xn: R20/21/22; R33 >=1% Conc<3%; Xn: R33	Eu/A	Tetryl	-	1.5	-	-	-	Sen	-
484-33-3	1-(4-Methoxy-5-benzofuranyl)-3-phenyl-1,3-propanedione	N: R50-53	N R: 50/53 S: 60-61		Eu		-	-	-	-	-	-	-
485-31-4	Binapacryl (ISO) [2-sec-Butyl-4,6-dinitrophenyl-3-methylcrotonate]	Repr. Cat. 2; R61 Xn: R21/22 N: R50-53	T: N R: 61 - 21/22 - 50/53 S: 53 - 45 - 60 - 61 ; Note: E	Conc>=25%; T: R61; R21/22 >=0,5% Conc<25%; T: R61	Eu		-	-	-	-	-	-	-
492-80-8	4,4'-Carbonimidoylbis N,N-dimethylaniline [Benzaniline, 4,4'-carbonimidoylbis(N,N-dimethyl; Auramine)]	Carc. Cat. 3; R40 Xn: R22 Xi: R36 N: R51-53	Xn: N; R: 22 - 36 - 40 - 51/53, S: (2) - 36/37 - 61	Conc>=25%; Xn: R40; R22; R36 >=20% Conc<25%; Xn: R40; R36 >=1% Conc<20%; Xn: R40	Eu		-	-	-	-	-	-	-
495-49-7	Azoxybenzene	Xn: R20/22	Xn: R: 20/22, S: (2) - 28	Conc>=25%; Xn: R20/22	Eu		-	-	-	-	-	-	-
495-54-5	Chrysoidine [4-(Phenylazo)benzene-1,3-diamine]	Muta. Cat. 3; R68 Xn: R22 Xi: R38 N: R50-53	Xn: N R: 22-38-68-50/53 S: (2)-23-26-36/37-46-60-61	Conc>=25%; Xn: R68; R22; R38 >=20% Conc<25%; Xn: R68; R38 =1% Conc<20%; Xn: R68	Eu		-	-	-	-	-	-	-
495-73-8	Benquiniox (ISO) [p-Benzquinone 1-benzoylhydrazone 4-oxime]	T: R25 Xn: R21	T: R: 21 - 25, S: (1/2) - 36/37 - 45	Conc>=25%; T: R25; R21 >=3% Conc<25%; Xn: R22	Eu		-	-	-	-	-	-	-
497-19-8	Carbonic acid, disodium salt [Sodium carbonate]	Xi: R37-41	Xi R: 37-41	Conc>=20%; Xi: R41; R37 >=10% Conc<20%; Xi: R41 >=5% Conc<10%; Xi: R36	N		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
500-28-7	Chlorthion [O-(3-chloro-4-nitrophenyl) O,O-Dimethyl phosphorothioate](Note: Common name not adopted by ISO)	Xn; R20/21/22 N; R50-53	Xn; N R: 20/21/22-50/53 S: (2)-13-60-61	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
			C; N R: 34-50/53 S: (1/2)-26-45-60-61 Xn; R: 22, S: (2)-24	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/37/38 Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
501-53-1	Benzyl chloroformate	C; R34 N; R50-53	S: (1/2)-26-45-60-61 Xn; R: 22, S: (2)-24	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/37/38 Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
502-55-6	Dikantogen [O,O-Diethyl dithiobis(thioformate)]	Xn; R22	S: (2)-24	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
503-30-0	1,3-Propylene oxide	F; R11 Xn; R20/21/22	F; Xn; R: 11 - 20/21/22, S: (2) - 9 - 16 - 26 - 29	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
504-29-0	2-Aminopyridine				A	2-Aminopyridine	0.5	0.3 Peak limitation	-	2	0.75 Peak limitation	-	-
506-77-4	Cyanogen chloride				A	Cyanogen chloride	0.3 Peak limitation	-	-	-	-	-	-
507-60-8	Buta-4,20,22-trienolide 6-(acetyloxy)-3-(beta-D-glucopyranosyloxy)-8,14-dihydroxy, (3beta 6beta) [Red squilli; Scilliroside]	T+; R28	T+; R: 28, S: (1/2) - 36/37 - 45	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
509-14-8	Tetranitromethane				A	Tetranitromethane (h)	1	8	-	-	-	-	-
510-15-6	Chlorobenzilate (ISO) [Ethyl 4,4'-dichlorobenzilate; Ethyl 2,2-di(4-chlorophenyl)-2-hydroxyacetate]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
512-26-5	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, lead(2+) salt (2:3)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68 F; C; N; R: 11 - 20/22 - 35 - 50 , S: (1/2) - 9 - 16 - 26 - 28 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
513-49-5	(S)-sec-Butylamine [(S)-2-Aminobutane](Note: see also CAS No 13250-12-9 & 13952-84-6)	F; R11 Xn; R20/22 C; R35 N; R50	F; C; N; R: 11 - 20/22 - 35 - 50 , S: (1/2) - 9 - 16 - 26 - 28 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; C; R35; R20/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
513-77-9	Barium carbonate	Xn; R22	Xn; R: 22 , S: (2) - 24/25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
513-79-1	Cobalt carbonate	Carc. Cat. 2; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R60 R42/43 N; R50-53	T; N R: 49-60-42/43-66-50/53 S: 53-45-60-61	Conc>=1%; T; R49; R60; R68; R42/43 >=0.5%Conc<1%; T; R49; R60 >=0.01%Conc<0.5%; T; R49	Eu	-	-	-	-	-	-	-	-
514-10-3	1-Phenanthrenecarboxylic acid 1,2,3,4,4a,5,6,10,10a-decalhydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1.alpha.,4a.beta.,4b.alpha.,10a.alpha.)]- [Abletic acid]	Xi; R43 This substance has only been assessed against the single endpoint of skin sensitisation. This substance has not been subject to a complete assessment for hazard classification in accordance with the approved criteria	Xi; R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
520-45-6	3-Acetyl-6-methyl-2H-pyran-2,4(3H)-dione [Dehydracetic acid]	Xn; R22	Xn; R: 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
525-66-6	Propranolol				A	Propranolol	0.188	2	0.565	6	-	-	-
526-75-0	2,3-Xylenol [2,3-Dimethylphenol](Note: see also CAS No 95-65-8, 95-87-4, 105-67-9, 576-26-1, 1300-71-6 & 71975-58-1)	T; R24/25 C; R34 N; R51-53	T; N; R: 24/25 - 34 - 51/53, S: (1/2) - 26 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; T; R24/25; R34 >=10%Conc<25%; C; R34; R21/22 >=5%Conc<10%; Xn; R21/22; R36/38 >=3%Conc<5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
528-29-0	1,2-Dinitrobenzene [o-Dinitrobenzene](Note: see also R33, CAS No 25154-54-5, 99-65-0 & 100-25-4)	T+; R26/27/28 R33 N; R50-53	T+; R: 26/27/28 - 33 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >= 0.1%Conc<1%; Xn; R20/21/22	Eu; A	o-Dinitrobenzene	0.15	1	-	-	-	Sk	-
531-85-1	Benzidine, salt of [Benzidine dihydrochloride](Note: see also CAS No 36341-27-2, 531-86-2 & 21136-70-9)	Carc. Cat. 1; R45 Xn; R22 N; R50-53	T; N; R: 45 - 22 - 50/53, S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
531-86-2	Benzidine, salt of Benzidine sulphate (1:1)(Note: see also CAS No 531-85-1, 36341-27-2 & 21136-70-9)	Carc. Cat. 1; R45 Xn; R22 N; R50-53	T ; N ; R: 45 - 22 - 50/53; S: 53 - 45 - 60 - 61; Notes: A ; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-
532-27-4	alpha-Chloroacetophenone				A	a-Chloroacetophenone	0.05	0.32	-	-	-	-
532-82-1	Chrysoline monohydrochloride [4-Phenylazophenylene-1,3-diamine monohydrochloride](Note: see also CAS No. 75660-25-2, 79234-33-6, 63681-54-9, 83968-67-6 & 84196-22-5)	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-68-50/53 S: (2)-23-26-36/37/39-46-60-61	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-
533-74-4	Dazomet (ISO) [Tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione]	Xn; R22 Xi; R36 N; R50-53	Xn; N ; R: 22 - 36 - 50/53; S: (2) - 15 - 22 - 24 - 60 - 61	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-
534-15-6	1,1-Dimethoxyethane [Dimethyl acetal]	F; R11	F; R11, S: (2) - 9 - 16 - 33		Eu	-	-	-	-	-	-	-
534-52-1	DNOC [4,6-Dinitro-o-cresolate]			Conc>=20%; T+; R68; R26/27/28; R41; R43; R38 >=10%Conc<20%; T+; R68; R26/27/28; R41; R43 >=7%Conc<10%; T+; R68; R26/27/28; R43; R36 >=5%Conc<7%; T; R68; R23/24/25; R43; R36 >=1%Conc<5%; T; R68; R23/24/25; R43 >= 0.1%Conc<1%; Xn; R20/21/22	Eu; A	Dinitro-o-cresol	-	0.2	-	-	Sk	
535-89-7	Crimidine (ISO) [2-Chloro-6-methylpyrimidin-4-yl dimethylamine]	T+; R28	T+ ; R: 28 , S: (1/2) - 36/37 - 45	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-
538-75-0	Dicyclohexylcarbodiimide [Cyclohexanamine, N,N'-methanetetraylbis]	T; R24 Xn; R22 Xi; R41 R43	T ; R: 22 - 24 - 41 - 43; S: (1/2) - 24 - 26 - 37/39 - 45	Conc>=25%; T; R24; R22; R41; R43 >=10%Conc<25%; Xn; R21; R41; R43 >=5%Conc<10%; Xn; R21; R36; R43 >=3%Conc<5%; Xn; R21; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-
540-23-8	Toluidinium chloride (Note: see also CAS No 106-49-0 & 540-25-0)	Carc. Cat. 3; R40 T; R23/24/25 Xi; R36 R43 N; R50	T ; N ; R: 23/24/25 - 36 - 40 - R43 43 - 50 S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; T; R40; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R40; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R40; R20/21/22; R43 >=1%Conc<3%; Xn; R40; R43	Eu	-	-	-	-	-	-	-
540-25-0	Toluidine sulphate (1:1)(Note: see also CAS No 106-49-0 & 540-23-8)	Carc. Cat. 3; R40 T; R23/24/25 Xi; R36 R43 N; R50	T ; N ; R: 23/24/25 - 36 - 40 - R43 43 - 50 S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; T; R40; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R40; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R40; R20/21/22; R43 >=1%Conc<3%; Xn; R40; R43	Eu	-	-	-	-	-	-	-
540-42-1	Isobutyl propionate	R10	R10, S: (2) Note: C		Eu	-	-	-	-	-	-	-
540-54-5	1-Chloropropane [Propyl chloride](Note: see also CAS No 75-29-6)	F; R11 Xn; R20/21/22	F ; Xn ; R: 11 - 20/21/22; S: (2) - 9 - 29 ; Note: C	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
540-59-0	1,2-Dichloroethylene (Note: see also CAS No. 156-59-2 and 156-60-5)	F; R11 Xn; R20 R52-53	F; Xn R: 11-20-52/53 S: (2)-7-16-29-61; Note: C	Conc>=12.5%; Xn; R20	Eu; A	1,2-Dichloroethylene	200	793	-	-	-	-
540-67-0	Ethyl methyl ether	F+; R12	F+; R12, S: (2) - 9 - 16 - 33		Eu	-	-	-	-	-	-	-
540-73-8	N,N'-Dimethylhydrazine [1,2-Dimethylhydrazine]	Carc. Cat. 2; R45 T; R23/24/25 N; R51-53	T ; N ; R: 45 - 23/24/25 - 51/53; S: 53 - 45 - 61; Note: E	Conc>=25%; T; R45; R23/24/25 >=3%Conc<25%; T; R45; R20/21/22 >=0.01%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
540-80-7	tert-Butyl nitrite	F; R11 Xn; R20/22	F; Xn; R: 11 - 20/22 , S: (2) - 16 - 24 - 46	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
540-84-1	2,2,4-Timethylpentane(Note: see also CAS No. 111-65-9, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R65 R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
540-88-5	Acetic acid, 1,1-dimethylethyl ester [tert-Butyl acetate]	F; R11 R66 R67	F R: 11-66-67		N/Eur; A	tert-Butyl acetate	200	950	-	-	-	-	-
541-41-3	Ethyl chloroformate [Carbonochloridic acid, ethyl ester]	F; R11 T+; R26 C; R34 Xn; R22	F; T+; R: 11 - 22 - 26 - 34, S: (1/2) - 9 - 16 - 26 - 28 - 33 - 36/37/39 - 45	Conc>=25%; T+; R26; R34; R22 >=10%Conc<25%; T+; R26; R34 >=7%Conc<10%; T+; R26; R36/38 >=5%Conc<7%; T; R23; R36/38 >=1%Conc<5%; T; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
541-79-1	1,3-Dichlorobenzene [Benzene, 1,3-dichloro]	Xn; R22 N; R51-53 R10	Xn; N; R: 22 - 51/53, S: (2) - 61 - 36/37 , X; R: 10 - 36/37 , S: (2) - 23	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
541-85-5	Ethyl amyl ketone [5-Methylheptan-3-one]	Xi; R36/37	F; X; R: 11 - 36/37, S: (2) - 9 - 16 - 24 - 33; Note: C	Conc>=10%; Xi; R36/37	Eur; A	5-Methylheptan-3-one	10	53	20	107	-	-	-
542-55-2	Isobutyl formate (Note: see also CAS No 592-84-7 & 762-75-4)	F; R11 Xn; R20/22 Carc. Cat. 2; R45 Xi; R36/37	F; T R: 11-20/22-45-68 S: 53-45; Note: E	Conc>=25%; T; R45; R68; R20/22 >=1%Conc<25%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
542-56-3	Isobutyl nitrite	F; R11 Xn; R20/22 Carc. Cat. 2; R45 Muta. Cat. 3; R68	F; T R: 11-20/22-45-68 S: 53-45; Note: E	Conc>=25%; T; R24/25; R20; R65; R36/37/38; R43 >=20%Conc<25%; Xn; R21/22; R65; R: 10-20-24/25-36/37/38-43- R36/37/38; R43 65-50/53 S: (1/2)-36/37-45-60-61 Notes: C; D	Eu	-	-	-	-	-	-	-	-
542-75-6	1,3-Dichloropropene [1-Propene, 1,3-dichloro]([Note: symmetrical; BCME; Oxypis(chloromethane)])	R10 T; R24/25 Xn; R20-65 Xi; R36/37/38 R43 N; R50-53	T; N R: 10-20-24/25-36/37/38-43- 65-50/53 S: (1/2)-36/37-45-60-61 Notes: C; D	Conc>=25%; T; R24/25; R20; R65; R36/37/38; R43 >=20%Conc<25%; Xn; R21/22; R65; R: 10-20-24/25-36/37/38-43- R36/37/38; R43 65-50/53 S: (1/2)-36/37-45-60-61 Notes: C; D	Eu/A	Dichloropropene	1	4.5	-	-	3	Sk	-
542-83-6	Cadmium cyanide	T+; R26/27/28 R32 R33 Xn; R68 N; R50-53	T+; N R: 26/27/28-32-33-68-50/53 S: (1/2)-7-28-29-45-60-61	Conc>=7%; T+; R26/27/28; R32; R33; R68 >=1%Conc<7%; T; R23/24/25; R32; R33; R68 >=0.1%Conc<1%; Xn; R20/21/22; R33	Eur; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-	-
542-88-1	Bis(chloromethyl) ether [Dichlorodimethyl ether symmetrical; BCME; Oxypis(chloromethane)]	F; R11 Carc. Cat. 1; R45 T+; R26 T; R24 Xn; R22	F; T+ R: 45-11-22-24-26 S: 53-45 Note: E	Conc>=25%; T+; R45; R26; R24; R22 >=7%Conc<25%; T+; R45; R26; R21 >=3%Conc<7%; T; R45; R23; R21 >=1%Conc<3%; T; R45; R23 >=0.1%Conc<1%; T; R45; R20 >=0.001%Conc<0.1%; T; R45	Eu/A	bis(Chloromethyl) ether	.001(P)	0.005	-	-	1	-	-
542-92-7	Cyclopentadiene				A	Cyclopentadiene	75	203	-	-	-	-	-
543-59-9	1-Chloropentane (Note: see also CAS No 616-20-5 & 625-29-6)	F; R11 Xn; R20/21/22	F; Xn; R: 11 - 20/21/22, S: (2) - 9 - 29 ; Note: C	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21		Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22	N	-	-	-	-	-	-	-	
543-90-8	Acetic acid, cadmium salt		T+ R: 45-46-60-61-21-25-26-48/23/25	F; T; R: 11 - 23/25, S: (1/2) - 16 - 24 - 45	Eu	-	-	-	-	-	-	-	-
544-16-1	Butyl nitrite		T; R23/25 F; C; N; R: 14 - 17 - 34 - 50/53, S: (1/2) - 16 - 43 - 45 - 60 - 61	Conc>=25%; T; R23/25 >=3%Conc<25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
544-97-8	Dimethylzinc(Not: see also CAS No 557-20-0)		F; R17 C; R34 N; R50-53	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
545-06-2	Trichloroacetnitrile		T; R23/24/25 N; R51-53	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	
546-67-8	Acetic acid, lead(4+) salt		Xi; R: 10 - 36/37 S: (2) - 24; Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
547-64-8	Methyl lactate(Not: see also CAS No 2155-30-8; 17392-83-5 & 27871-49-4)		Xn; R36/37	Conc>=25%; Xn; R40; R22; R41 >=10%Conc<25%; Xn; R40; R41 >=5%Conc<10%; Xn; R40; R36 >=1%Conc<5%; Xn; R40	Eu	-	-	-	-	-	-	-	-
	C.I Basic Violet 3 [4-[4-(4-Bis(dimethylamino) benzhydrylidene)cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride]		Xn; R22 Xi; R41 N; R50-53	Conc>=25%; Xn; R40; R22; R41 >=10%Conc<25%; T; R45; R41 >=5%Conc<10%; T; R45; R36 >=0.1%Conc<5%; T; R45	Eu	-	-	-	-	-	-	-	-
548-62-9			T; N R: 45-22-41-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T; R45; R22; R41 >=10%Conc<25%; T; R45; R41 >=5%Conc<10%; T; R45; R36 >=0.1%Conc<5%; T; R45	Eu	-	-	-	-	-	-	-	-
548-62-9	C.I. Basic Violet 3 with >= 0.1% of Michler's ketone (CAS No. 90-94-6)		Xi; R37 Xn; R41 R: 42/43	Conc>=20%; Xn; R42/43; R37; R41 >=10%Conc<20%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xi; R36	Eu; A	Trimellitic anhydride	0.005	0.039	-	-	-	Sen	-
552-30-7	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride [Trimellitic anhydride]		T; N; R: 45 - 22 - 51/53, S: 53 - 45 - 61; Notes: A ; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
553-00-4	2-Naphthylammonium acetate, salt of(Not: see also CAS No 612-52-2)		F; R11 Xn; R20	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
554-12-1	Methyl propionate		F; R11 Xn; R20	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
555-31-7	Aluminium-tri-isopropoxide		F; R11 S (2) - 8 - 16	Conc>=25%; T; R45; R60; R68; R23; R21/22; R36/37/38 >=20%Conc<25%; T; R45; R60; R68; R20; R36/37/38 R: 45-60-21/22-23-36/37/38-68 S: 53-45; Note: E	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 2; R60 T; R23 Xn; R21/22 Xi; R36/37/38		Conc>=25%; T; R45; R60; R68; R23; R21/22; R36/37/38 >=20%Conc<25%; T; R45; R60; R68; R20; R36/37/38 R: 45-60-21/22-23-36/37/38-68 S: 53-45; Note: E	Eu; A	Glycidol	25	76	-	-	-	-	-
556-52-5	2,3-Epoxypropan-1-ol [Glycidol; Oxiranemethanol]		F; C R: 11-34 S: (1/2)-7-16-26-45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
556-56-9	3-Iodopropene [Allyl iodide]		T; N; R: 23/25 - 34 - 43 - 50/53, S: (1/2) - 36/37 - 38 - 45 - 60 - 61	Conc>=25%; T; R23/25; R34; R43 >=10%Conc<25%; C; R34; R20/22; R43 >=5%Conc<10%; Xn; R20/22; R36/38; R43 >=3%Conc<5%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
556-61-6	Methyl isothiocyanate												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
556-67-2	Odamethylcycloetrasiloxane	Repr. Cat. 3; R62 R53	Xn; T; R: 53 - 62 S: (2)36/37 - 46 - 51 - 61	Conc>=5%; Xn; R62	Eu	-	-	-	-	-	-	-
		R14 F; R17 C; R34 N; R50-53	F; C; N; R: 14 - 17 - 34 - 50/53. S: (1/2) - 16 - 43 - 45 - 60 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
557-20-0	Diethylzinc(Note: see also CAS No 544-97-8)					Carbon tetrabromide	0.1	1.4	0.3	4.1	-	-
558-13-4	Carbon tetrabromide				A							
	2,3,3-Timethylpentane(Note: see also CAS No. 111-65-9, 540-84-1, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
560-21-4		F; R11 Xn; R65	F; Xn; N R: 11-38-65-67-50/53	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
562-49-2		5, 108-08-7, 464-06-2, 565-59-3, 589-34-4, 590-35-2, 591-76-4, 617-78-7 & 31394-54-4)	S: (2)-9-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
563-12-2	Ethion (ISO) [O.O.O'.O'-Tetraethyl S,S'-methylene]di (phosphorodithioate) diethion]	T; R25 Xn; R21 N; R50-53	T; N R: 21-25-50/53 S: (1/2)-25-36/37-45-60-61	Conc>=25 %; T; R25; R21 >=3%Conc<25 %; Xn; R22	Eu; A	Ethion	-	0.4	-	-	Sk	-
	3,3-Dimethylhexane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R20/22 C; R34 R43 N; R51-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
563-47-3	3-Chloro-2-methylpropene [1-Propene, 3-chloro-2-methyl]	F; R11 T; R25 R52-53	F; T; R: 11 - 25 - 52/53. S: (1/2) - 16 - 29 - 33 - 45 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-
563-58-6	1,1-Dichloropropene [1-Propene, 1,1-dichloro]	F; R11 Xn; R20/22 C; R34 R43 N; R51-53	F; C; N; R: 11 - 20/22 - 34 - 43 - 51/53 , S: (2) - 9 - 16 - 26 - 29 - 36/37 - 38 - 45 - 61	Conc>=25%; C; R34; R20/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
563-80-4	3-Methylbutan-2-one [Methyl isopropyl ketone]	F; R11	F; R11, S: (2) - 9 - 16 - 33	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu; A	Methyl isopropyl ketone	200	705	-	-	-	-
	2,2,3-Trimethylpentane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
565-59-3	2,3-Dimethylpentane(Note: see also CAS No. 142-82-5, 108-08-7, 464-06-2, 562-49-2, 589-34-4, 590-35-2, 591-76-4, 617-78-7 & 31394-54-4)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
	2,3,4-Trimethylpentane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
565-80-0	2,4-Dimethylpentan-3-one [Di-isopropyl ketone]	F; R11 Xn; R20	F; Xn; R: 11 - 20, S: (2) - 9 - 16 - 24/25	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-
589-61-9	4,4'-(4-Iminocyclohexa-2,5-dienylidene-methylene)dianiline hydrochloride [C.I. Basic Red 9]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Xn: R22 Xi: R41 Repr. Cat. 3; R63 N; R50-53	Xn; N R: 22-41-63-50/53 S: (2)-26-36/37-39-46-60-61	Conc>=25%; Xn; R63; R22; R41 >=10%Conc< 25%; Xn; R63; R41 >=5%Conc<10%; Xn; R63; R36	Eu	-	-	-	-	-	-	-	-
569-64-2	Malachite green hydrochloride (Note: see also CAS No.18015-76-4)												
572-48-5	Coumthioate (ISO) [O,O-Diethyl O-7,8,9,10-tetrahydro-6-oxo-benzo(c)chromen-3-yl phosphorothioate]	T; R25	T ; R: 25 , S: (1/2) - 28 - 36/37 - 45	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
573-56-8	2,6-Dinitrophenol(Note: see also CAS No 66-56-8; 329-71-5; 577-71-9; & dinitrophenol, salts of)	T; R23/24/25 R33 N; R50-53	T ; N ; R; R: 23/24/25 - 33 - 51/53 S: (1/2) - 28 - 37 - 45 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
573-58-0	1-Naphthalenesulfonic acid, 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[4-amino-, disodium salt [C.I. Direct red 28]	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
576-26-1	2,6-Xylenol [2,6-Dimethylphenol](Note: see also CAS No 95-65-8, 95-87-4, 105-67-9, 526-75-0, 1300-71-6 C; R34 & 71975-58-1)	T; R24/25 C; R34 N; R51-53	T ; N ; R; R: 24/25 - 34 - 51/53, S: (1/2) - 26 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; T; R24/25; R34 >=10%Conc<25%; C; R34; R21/22 >=5%Conc<10%; Xn; R21/22; R36/38 >=3%Conc<5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
577-71-9	3,4-Dinitrophenol(Note: see also CAS No 66-56-8; 329-71-5; 573-56-8 & dinitrophenol, salts of)	T; R23/24/25 R33 N; R50-53	T ; N ; R; R: 23/24/25 - 33 - 51/53 S: (1/2) - 28 - 37 - 45 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
578-36-9	Benzoic acid, 2-hydroxy-, monopotassium salt	Xn; R22	R: 22	Conc>=25%; Xn; R22	N	-	-	-	-	-	-	-	-
579-66-8	2,6-Diethylaniline	Xn; R22	Xn; R: 22 , S: (2) - 23 - 24	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
581-89-5	2-Nitronaphthalene	Carc. Cat. 2; R45 N; R51-53	T ; N ; R: 45 - 51/53, S: 53 - 45 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
583-48-2	3,4-Dimethylhexane(Note: see also CAS No. 111-65- F; R11 9, 540-94-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, Xn; R65 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, Xi; R38 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, R67 1067-08-9 & 26635-64-3)	Xn; R: 20 S: (2) - 24/25; Note: C	Xn ; R: 20 S: (2) - 24/25; Note: C	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
583-60-8	2-Methylcyclohexanone [o-Methylcyclohexanone]	R10 Xn; R20	Xn ; R: 10 - 20 , S: (2) - 25	Conc>=25%; Xn; R20	Eu; A	o- Methylcyclohexano ne	50	229	75	344	-	Sk	-
584-02-1	3-Pentanol(Note: see also CAS No. 71-41-0)	R10 Xn; R20 Xi; R37/38	Xn R: 10-20-37/38 S: (1/2)-36/37-46	Conc>=25%; Xn; R20; R37/38 >=20%Conc<25%; Xi; R37/38 Conc>=20%; Xi; R41; R37 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
584-09-7	Carbonic acid, dipotassium salt	Xi; R37-41	Xi R: 37-41		N	-	-	-	-	-	-	-	-
584-79-2	Allethrin [Bioallethrin; (RS)-3-allyl-2-methyl-4-oxocyclopent-2-enyl (1R,3R)-2,2-di-methyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate; (RS)-3-allyl-2-methyl-4-oxocyclopent-2-enyl (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate](Note: see also CAS 28434-00-6 & 84030-86-4)	Xn; R20/22 N; R50-53	Xn ; N ; R: 20/22 - 50/53, S: (2) - 36 - 60 - 61; Note: C	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
584-84-9	Toluene 2,4-di-isocyanate [4-Methyl-m-phenylene diisocyanate; TDII](Note: see also CAS No. 91-08-7 and 26471-62-5)	Carc. Cat. 3; R40 T+; R26 Xi; R36/37/38 R42/43 R52-53	T+ R: 26-36/37/38-40-42/43-52/53 S: (1/2)-23-36/37-45-61	Conc>=20%; T+; R40; R26; R36/37/38; R42/43 >=7%Conc<20%; T+; R40; R26; R42/43 >=1%Conc<7%; T; R40; R23; R42/43 >=0.1%Conc<1%; Xn; R20; R42	Eu; A	Isocyanates, all (as-NCO)	-	0.02	-	0.07	-	Sen	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
584-84-9	Toluene-2,4-diisocyanate [4-Methyl-m-phenylene diisocyanate; TDI](Note: see also CAS No. 91-08-7 and 26471-62-5)	Carc. Cat. 3; R40	T+	Conc>=20%; T+; R40; R26; R36/37/38; R42/43	Eu; A	Toluene-2,4-diisocyanate (TDI)	-	-	-	-	-	-	(see Isocyanates, all)
		T+; R26	R: 26-36/37/38-40-42/43-52/53	>=7%Conc<20%; T+; R40; R26; R42/43			-	-	-	-			
		Xi; R36/37/38 R42/43 R52-53	S: (1/2)-23-36/37-45-61	>=1% Conc<7%; T; R40; R23; R42/43 >=0,1%Conc<1%; Xn; R20; R42			-	-	-	-			
584-94-1	2,3-Dimethylhexane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11	F; Xn; N	Conc>=20%; Xn; R65; R38	Eu		-	-	-	-	-	-	
		Xn; R65	R: 11-38-65-67-50/53	>=10%Conc<20%; Xn; R65			-	-	-	-			
		Xi; R38	S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38			-	-	-	-			
589-34-4	3-Methylhexane(Note: see also CAS No. 142-82-5, 108-08-7, 464-06-2, 562-49-2, 565-59-3, 590-35-2, 591-76-4, 617-78-7 & 31394-54-4)	R67	Note: C	>=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	
589-40-2	sec-Butyl formate	F; R11	F; R11, S: (2) - 9 - 16 - 33 Note: C		Eu	-	-	-	-	-	-	-	
589-43-5	2,4-Dimethylhexane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11	F; Xn; N	Conc>=20%; Xn; R65; R38	Eu		-	-	-	-	-	-	
		Xn; R65	R: 11-38-65-67-50/53	>=10%Conc<20%; Xn; R65			-	-	-	-			
		Xi; R38	S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38			-	-	-	-			
589-53-7	4-Methylheptane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	R67	Note: C	>=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	
589-81-1	3-Methylheptane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11	F; Xn; N	Conc>=20%; Xn; R65; R38	Eu		-	-	-	-	-	-	
		Xn; R65	R: 11-38-65-67-50/53	>=10%Conc<20%; Xn; R65			-	-	-	-			
		Xi; R38	S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38			-	-	-	-			
589-90-2	1,4-Dimethylcyclohexane	R67	Note: C	>=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	
590-01-2	n-Butyl propionate	F; R11	F; Xn; N		Eu		-	-	-	-	-	-	
		Xn; R65	R: 11-38-65-67-51/53	Conc>=20%; Xn; R65; R38			-	-	-	-			
		Xi; R38	S: (2)-9-16-33-61-62	>=10%Conc<20%; Xn; R65			-	-	-	-			
590-01-2		N; R51-53	R10, S: (2) Note: C										
590-28-3	Potassium cyanate	R10	Xn; R: 22 , S: (2) - 24/25 Note: C	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	
590-28-3	2,2-Dimethylpentane(Note: see also CAS No. 142-82-5, 108-08-7, 464-06-2, 562-49-2, 565-59-3, 589-34-4, 591-76-4, 617-78-7 & 31394-54-4)	F; R11	F; Xn; N	Conc>=20%; Xn; R65; R38	Eu		-	-	-	-	-	-	
		Xn; R65	R: 11-38-65-67-50/53	>=10%Conc<20%; Xn; R65			-	-	-	-			
		Xi; R38	S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38			-	-	-	-			
590-35-2		R67	Note: C	>=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	
590-35-2	2,2-Dimethylhexane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11	F; Xn; N	Conc>=20%; Xn; R65; R38	Eu		-	-	-	-	-	-	
		Xn; R65	R: 11-38-65-67-50/53	>=10%Conc<20%; Xn; R65			-	-	-	-			
		Xi; R38	S: (2)-9-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38			-	-	-	-			
590-73-8		R67	Note: C	>=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	
591-27-5	3-Aminophenol [Phenol, 3-amino]	Xn; R20/22 N; R50-53	Xn; N; R: 20/22 - 50/53, S: (2) - 28 - 61 R10, S: (2) Note: C	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	
591-34-4	sec-Butyl propionate	R10	Note: C		Eu	-	-	-	-	-	-	-	

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
591-76-4	2-Methylhexane(Note: see also CAS No. 142-82-5, 108-08-7, 464-06-2, 562-49-2, 565-59-3, 589-34-4, 590-35-2, 617-78-7 & 31394-54-4)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
		R10 Repr. Cat. 3; R62 T; R48/23 R67	T R: 10-48/23-62-67 S: (1/2)-36/37-45	Conc>=10%; T; R62; R48/23 >=5%Conc<10%; Xn; R62; R48/20 >=1%Conc<5%; Xn; R48/20	Eu/A	Methyl n-butyl ketone	5	20	-	-	-	Sk	-
		T+; R28 R32 N; R50-53	R: 28 - 32 - 50/53 S: (1/2) - 7/8 - 23 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R28; R32 >=1%Conc<7%; T; R25; R32 >=0.1%Conc<1%; Xn; R22; R32	Eu	-	-	-	-	-	-	-	-
		2,5-Dimethylhexane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-27-8, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
592-27-8	2-Methylheptane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 594-82-1, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-29-33-60-61-62 Note: C	Conc>=25%; T; R23; R34 >=10%Conc<25%; C; R34; R20 >=5%Conc<10%; Xn; R20; R36/38 >=3%Conc<5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
		R10. T; R23. C; R34	T; R: 10 - 23 - 34 , S: (1/2) - 26 - 36 - 45	Conc>=0.5%; T; R45; R61 >=0.1%Conc<0.5%; T; R45	Eu	-	-	-	-	-	-	-	-
		Butyl chloroformate [Chloroformic acid butyl ester] Methyl ONN azoxymethyl acetate [Methyl azoxy methyl acetate]	Carc. Cat. 2; R45 Repr. Cat. 2; R61	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
		Butyl formate(Note: see also CAS No 542-55-2 & 762- F; R11 75-4) F+; R12 Carc. Cat. 2; R45	F; Xi; R: 11 - 36/37, S: (2) - 9 - 16 - 24 - 33; Note: C F+; T; R: 12 - 45, S: 53 - 45	Conc>=20%; Xi; R36/37 Conc>=0.1%; T; R45	Eu Eur, A	- Vinyl bromide	- 5	- 22	- -	- -	2	-	-
593-74-8	Dimethylmercury (Note: see also CAS No. 627-44-1) N; R50-53	T+; R26/27/28 R33 N; R50-53	T+; N R: 26/27/28-33-50/53 S: (1/2)-113-28-36-45-60-61	Conc>=0.5%; T+; R26/27/28; R33 >=0.1%Conc<0.5%; T; R23/24/25; R33 >=0.05%Conc<0.1%; T; R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
		Perchloromethyl mercaptan	Perchloromethyl mercaptan	0.1	A	-	0.76	-	-	-	-	-	-
		1,1-Dichloro-1-nitroethane	1,1-Dichloro-1-nitroethane	2	Eur, A	-	12	-	-	-	-	-	-
		2,2,3,3-Tetramethylbutane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 609-26-7, 619-99-8, 1067-08-9 & 26635-64-3)	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-29-33-60-61-62 Note: C	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu, A	-	-	-	-	-	-	-	-
598-56-1	Ethyl dimethylamine	F; R11 Xn; R20/22 C; R34 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20 R33	F; Xn; N R: 11-38-65-67-50/53 S: (1/2)-3-16-26-36-45 T R: 61-20-33-40-62-68 C; R22 - 35 , S: (1/2) - 23 - 26 - 28 - 36 - 45 Xn; R: 20/22 , S: (2)	Conc>=25%; C; R34; R20/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38 Conc>=25%; T; R40; R61; R62; R68; R20; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	Eu/A	N,N-Dimethylethylamin e	10	30	15	45	-	-	-
		Carbonic acid, lead(2+ salt (1:1)	-	-	N	-	-	-	-	-	-	-	-
		2-Chloropropionic acid	-	-	Eu, A	2-Chloropropionic acid	0.1	0.44	-	-	-	Sk	-
		1-Chloro-1-nitropropane	-	-	Eu, A	1-Chloro-1-nitropropane	2	10	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
602-01-7	2,3-Dinitrotoluene	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T; R23/24/25 Xn; R48/22 N; R50-53	T; N R: 45-23/24/25-48/22-62-68-50/53 S: 53-45-60-61; Note: E	Conc>=25% T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25% T; R45; R62; R68; R20/21/22; R48/22 >=5%Conc<10% T; R45; R62; R68; R20/21/22 >=3%Conc<5% T; R45; R68; R20/21/22 >=1%Conc<3% T; R45; R68 >=0.1%Conc<1% T; R45	Eu	-	-	-	-	-	-	-	-
602-87-9	5-Nitroacenaphthene	Carc. Cat. 2; R45 E; R2.	T; R: 45 , S: 53 - 45	Conc>=0.1% T; R45	Eu	-	-	-	-	-	-	-	-
602-99-3	2,4,6-Trinitro-m-cresol	R4. Xn; R20/21/22	E ; Xn ; R: 2 - 4 - 20/21/22 , S: (2) - 35	Conc>=25% Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
603-34-9	Triphenyl amine				A	Triphenyl amine	-	5	-	-	-	-	-
605-50-5	Disopentylphthalate (Note: see also CAS No. 84777-06-0; 605-50-5 and n-Pentyl-isopentylphthalate)	Repr. Cat. 2; R60-61 N; R50	T; N R: 60-61-50 S: 53-45-61	Conc>=0.5% T; R60; R61	Eu	-	-	-	-	-	-	-	-
606-20-2	2,6-Dinitrotoluene	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T; R23/24/25 Xn; R48/22 R52-53	T R: 45-23/24/25-48/22-62-68-52/53 Xn; R48/22 S: 53-45-61; Note: E	Conc>=25% T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25% T; R45; R62; R68; R20/21/22; R48/22 >=5%Conc<10% T; R45; R62; R68; R20/21/22 >=3%Conc<5% T; R45; R68; R20/21/22 >=1%Conc<3% T; R45; R68 >=0.1%Conc<1% T; R45	Eu	-	-	-	-	-	-	-	-
606-35-9	2,4,6-Trinitroanisole	Xn; R20/21/22 N; R51-53	E; Xn ; N ; R: 2 - 20/21/22 - 51/53 S: (2) - 35 - 61	Conc>=25% Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
608-73-1	1,2,3,4,5,6-Hexachlorocyclohexanes, with the exception of those elsewhere specified	Carc. Cat. 3; R40 T; R25 Xn; R21 N; R50-53	T; N ; R: 21 - 25 - 40 - 50/53 S: (1/2 -) - 22 - 36/37 - 45 - 60 - 61; Note: C	Conc>=25% T; R40; R25; R21 >=3%Conc<25% Xn; R40; R22 >=1%Conc<3% Xn; R40	Eu	-	-	-	-	-	-	-	-
608-93-5	Pentachlorobenzene [Benzene, pentachloro]	F; R11 Xn; R22 N; R50-53	F ; Xn ; N ; R: 11 - 22 - 50/53 S: (2) - 41 - 46 - 50 - 60 - 61	Conc>=25% Xn; R22	Eu	-	-	-	-	-	-	-	-
609-26-7	3-Ethyl-2-methylpentane (Note: see also CAS No. 111; F: R11 65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 619-99-8, 1067-08-9 & 26635-64-3)	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-29-33-60-61-62 Note: C	F; Xn; N R: 11-38-65-67-50/53 S: (2-9)-16-29-33-60-61-62 Note: C	Conc>=20% Xn; R65; R38 >=10%Conc<20% Xn; R65	Eu	-	-	-	-	-	-	-	-
609-72-3	N,N-Dimethyl-o-tolidine (Note: see also CAS No. 99-8 and 121-72-2)	T; R23/24/25 R: 33 R52-53	T R: 23/24/25-33-52/53 S: (1/2-28-36/37-45-61; Note: C	Conc>=5% T; R23/24/25; R33 >=1%Conc<5% Xn; R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
610-39-9	3,4-Dinitrotoluene	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T; R23/24/25 Xn; R48/22 N; R51-53	T; N R: 45-23/24/25-48/22-62-68-51/53 S: 53-45-61; Note: E	Conc>=25% T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25% T; R45; R62; R68; R20/21/22; R48/22 >=5%Conc<10% T; R45; R62; R68; R20/21/22 >=3%Conc<5% T; R45; R68; R20/21/22 >=1%Conc<3% T; R45; R68 >=0.1%Conc<1% T; R45	Eu	-	-	-	-	-	-	-	-
611-15-4	2-Methylstyrene [2-Vinyltoluene]	Xn; R20 N; R51-53	Xn; N R: 20-51/53 S: (2-24-61	Conc>=25% Xn; R20	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
611-21-2	N-Methyl-o-tolidine [Benzenamine, N,2-dimethyl](Note: see also CAS No 623-08-5 & 696-44-6)	T; R23/24/25 R33 N; R52-53	T; N; R: 23/24/25 - 33 - 52/53, S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-
			T; N; R: 45 - 22 - 51/53, S: 53 - 45 - 61; Notes: A; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-
612-52-2	2-Naphthylammonium chloride, salt of (Note: see also CAS No 553-00-4)	Carc. Cat. 1; R45 Xn; R22 N; R51-53	T; N; R: 45 - 22 - 51/53, S: 53 - 45 - 61; Notes: A; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-
612-82-8	4,4'-bi-o-Tolidine dihydrochloride [4,4'-bi-o-Tolidine, salts of; o-Tolidine, salts of; 3,3'-Dimethylbenzidine dihydrochloride](Note: see also CAS No 64969-36-4 & 74753-18-7)	Carc. Cat. 2; R45 Xn; R22 N; R51-53	T; N; R: 45 - 22 - 51/53, S: 53 - 45 - 61; Notes: A; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-
612-83-9	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-, dihydrochloride [3,3'-Dichlorobenzidine dihydrochloride, salts of; 3,3'-Dichloro(1,1'-biphenyl)-4,4'-diamine dihydrochloride; 3,3'-Dichlorobiphenyl-4,4'-ylenediamine dihydrochloride, salts of]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xi; R36 N; R50-53	T; N R: 45-36-68-50-53	Conc>=20%; T; R45; R68; R36 >=1%Conc<20%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-
613-35-4	N,N'-Diacetylbenzidine	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn; R20/21/22	T R: 45-20/21/22-68 S: 53-45 Note: E	Conc>=25%; T; R45; R68; R20/21/22 >=1%Conc<25%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-
613-62-7	2-(Phenylmethoxy)naphthalene	R53	R: 53, S: 61	Conc>=25%; T; R45; R68; R20/21/22 >=1%Conc<25%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-
615-05-4	2,4-Diaminoanisole 4-methoxy-m-phenylenediamine (Note: see also CAS No. 39156-41-7)	Carc.Cat.2; R45 Muta.Cat.3; R68 Xn; R22 N; R51-53	T; N R: 45-22-68-51/53 S: 53-45-61	Conc>=25%; T; R45; R68; R22 >=1%Conc<25%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-
615-28-1	o-Phenylenediamine, dihydrochloride [1,2-Benzenediamine dihydrochloride]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 T; R25 Xn; R20/21 Xi; R36 R43 N; R50-53	T; N; R: 20/21 - 25 - 36 - 40 - 43 - 50/53 - 68, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R40; R68; R25; R20/21; R36; R43 >=20%Conc<25%; Xn; R40; R68; R22; R36; R43 >=3%Conc<20%; Xn; R40; R68; R22; R43 >=1%Conc<3%; Xn; R40; R68; R43	Eu	-	-	-	-	-	-	-
615-50-9	2-Methyl-p-phenylenediamine sulphate [2,5-Toluenediamine sulfate (1:1)](Note: see also CAS No 6369-59-1)	Xn; R20/21 C; R43 N; R51-53	T; N; R: 25 - 20/21 - 43 - 51/53, S: (2) - 24 - 37 - 45 - 61	Conc>=25%; T; R25; R20/21; R43 >=3%Conc<25%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-
616-20-6	3-Chloropentane (Note: see also CAS No 543-59-9 & 625-29-6)	F; R11 Xn; R20/21/22	F; Xn; R: 11 - 20/21/22, S: (2) - 9 - 29 ; Note: C	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
616-38-6	Dimethyl carbonate	F; R11	F; R11, S: (2) - 9 - 16	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
616-47-7	1-Methylimidazole	Xn; R21/22 C; R34	C; R: 21/22 - 34, S: (1/2) - 26 - 36 - 45	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
617-55-0	Dimethyl (2S)-2-hydroxy succinate	R10 Xi; R41 R43	Xi R: 10-41-43 S: (2)-24-26-37/39-43	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
617-78-7	3-Ethylpentane (Note: see also CAS No. 142-82-5, 108-08-7, 464-06-2, 562-49-2, 565-59-3, 589-34-4, 590-35-2, 591-76-4 & 31394-54-4)	F; R11 Xn; R65 Xi; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-
618-26-8	Bis(N-methyl-N-phenylhydrazine)sulfate	F; R11 T; R48/25 Xn; R22 Xi; R41 R43 N; R50-53	F; T; N R: 11-22-41-43-48/25-50/53 S: (1/2)-22-26-33-36/37/39-45-60-61	Conc>=25%; T; R48/25; R22; R41; R43 >=10%Conc<25%; T; R48/25; R41; R43 >=5%Conc<10%; Xn; R48/22; R36; R43 >=1%Conc<5%; Xn; R48/22; R43	Eu	-	-	-	-	-	-	-
618-36-0	DL-alpha-Methylbenzylamine [Benzenemethanamine, alpha-methyl, (+ -)](Note: see also CAS No 98-84-0)	Xn; R21/22 C; R34	C; R: 21/22 - 34, S: (1/2) - 26 - 28 - 36/37/39 - 45	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
618-85-9	3,5-Dinitrotoluene	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T; R23/24/25 Xn; R48/22 R52-53	T R: 45-23/24/25-48/22-62-68-52/53 S: 53-45-61; Note: E	Conc>=25%; T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25%; T; R45; R62; R68; R20/21/22; R48/22 >=5%Conc<10%; T; R45; R62; R68; R20/21/22 >=3%Conc<5%; T; R45; R68; R20/21/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu		-	-	-	-	-	-	-
619-15-8	2,5-Dinitrotoluene	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 T; R23/24/25 Xn; R48/22 N; R51-53	T; N R: 45-23/24/25-48/22-62-68-51/53 S: 53-45-61; Note: E	Conc>=25%; T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25%; T; R45; R62; R68; R20/21/22; R48/22 R: 45-23/24/25-48/22-62-68-51/53 >=5%Conc<10%; T; R45; R62; R68; R20/21/22 >=3%Conc<5%; T; R45; R68; R20/21/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu		-	-	-	-	-	-	-
619-99-8	3-Ethylhexane(Note: see also CAS No. 111-65-9, 540 F; R11 84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 1067-08-9 & 26635-64-3)	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	F; Xn; N R: 11-38-65-67-50/53 S: (2)-9-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu		-	-	-	-	-	-	-
621-64-7	Nitrosodipropylamine [1-Propanamine, N-nitroso-N-propyl]	Carc. Cat. 2; R45 Xn; R22 N; R51-53	R: 45-22-51/53 S: 53-45-61 Note: E	Conc>=25%; T; R45; R22 >=0.001%Conc<25%; T; R45	Eu		-	-	-	-	-	-	-
623-08-5	N-Methyl-p-toluidine [Benzenamine, N,4-dimethyl](Note: see also CAS No 611-21-2 & 696-44-6)	T; R23/24/25 R33 N; R52-53	T; N; R: 23/24/25 - 33 - 52/53. S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu		-	-	-	-	-	-	-
624-18-0	p-Phenylenediamine, dihydrochloride [Benzene-1,4-diamine, dihydrochloride]	T; R23/24/25 Xi; R36 R43 N; R50-53	T; N; R: 23/24/25 - 36 - 43 - 50/53. S: (1/2) - 28 - 36/37 - 45 - 60 - 61 R: 10 - 66 S: (2) - 23 - 25; Note: C	Conc>=25%; T; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R20/21/22; R43 >=1%Conc<3%; Xi; R43	Eu		-	-	-	-	-	-	-
624-41-9	2-Methylbutyl acetate(Note: see also CAS No 123-92-2, 626-38-0, 628-63-7 & 84145-37-9)	R10 R66	R: 10 - 66 S: (2) - 23 - 25; Note: C	Conc>=25%; T; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R20/21/22; R43 >=1%Conc<3%; Xi; R43	Eu; A		-	-	-	-	-	-	-
624-54-4	Amyl propionate [Pentyl propionate]	R10	R: 10 - 66 S: (2) - 23 - 24 Note: C	Conc>=25%; T; R23/24/25; R36; R43 >=20%Conc<25%; Xn; R20/21/22; R36; R43 >=3%Conc<20%; Xn; R20/21/22; R43 >=1%Conc<3%; Xi; R43	Eu		-	-	-	-	-	-	-
624-83-9	Methyl isocyanate	F; R11 Repr. Cat. 3; R63 T+; R26 T; R24/25 R42/43 Xi; R37/38-41	F; T+ R: 11-24/25-26-37/38-41-42/43-63 S: (1/2)-16-26-27/28-36/37/39-45-63	Conc>=25%; T+; R63; R26; R24/25; R37/38; R41; R42/43 >=20%Conc<25%; T+; R63; R26; R21/22; R37/38; R41; R42/43 >=10%Conc<20%; T+; R63; R26; R21/22; R41; R42/43 >=7%Conc<10%; T+; R63; R26; R21/22; R36; R42/43 >=5%Conc<7%; T; R63; R23; R21/22; R36; R42/43 >=3%Conc<5%; T; R23; R21/22; R42/43 >=1%Conc<3%; T; R23; R42/43 >=0.1%Conc<1%; Xn; R20	Eu; A	Methyl isocyanate	-	-	-	-	-	-	(see isocyanates, all)

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		F; R11 T; R23/24/25-48/23 Xi; R36 R43 S: (1/2) - 16 - 26 - 36/37/39 - 45 - 60 - 61 N; R50	F; T; N R: 11 - 23/24/25 - 36 - 43 - 48/23 - 50 S: (1/2) - 16 - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R48/23; R36; R43 >=20%Conc<25%; T; R20/21/22; R48/23; R36; R43 >=10%Conc<20%; T; R20/21/22; R48/23; R43 >=3%Conc<10%; Xn; R20/21/22; R48/20; R43 >=1%Conc<3%; Xn; R48/20; R43	Eu	-	-	-	-	-	-	-	
624-86-2	o-Ethylhydroxylamine				Eu	-	-	-	-	-	-	-	-
624-92-0	Dimethyl disulfide	Xi; R36/38	Xi; R; 36/38	Conc>=20%; Xi; R36/38	V	-	-	-	-	-	-	-	-
625-29-6	2-Chloropentane (Note: see also CAS No 543-59-9 & 616-20-5)	F; R11 Xn; R20/21/22	F; Xn; R; 11 - 20/21/22; S: (2) - 9 - 29; Note: C	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
625-45-6	Methoxyacetic acid	Repr. Cat. 2; R60-61 Xn; R22 C; R34	T; R; 60 - 61 - 22 - 34 S: 53 - 45; Note: E	Conc>=25%; T; R60; R61; R22; R34 >=10%Conc<25%; T; R60; R61; R34 >=5%Conc<10%; T; R60; R61; R36/37/38 >=0.5%Conc<5%; T; R60; R61	Eu	-	-	-	-	-	-	-	-
625-55-8	Isopropyl formate (Note: see also CAS No. 110-74-7)	F; R11 Xi; R36/37 R67	F; Xi R: 11-36/37-67 S: (2)-9-16-24-33 Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
625-59-1	Ethyl nitrate	E; R3	R: 3 S: (2)-23-24/25		Eu	-	-	-	-	-	-	-	-
626-17-5	m-Phthalodinitrile				A	m-Phthalodinitrile	5	-	-	-	-	-	-
626-23-3	Di-sec-butylamine (Note: see also CAS No 111-92-2)	R10 Xn; R20/21/22	Xn; R; 10 - 20/21/22 , S: (2)	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
626-38-0	2-Pentyl acetate [1-Methylbutyl acetate; sec-Amyl acetate] (Note: see also CAS No 123-92-2, 628-63-7, 624-41-9 & 84145-37-9)	R10 R66	R: 10 - 66; S: (2) - 23 - 25; Note: C		Eu; A	sec-Amyl acetate	50	270	100	541	-	-	-
627-13-4	n-Propyl nitrate				A	n-Propyl nitrate	25	107	40	172	-	-	-
627-44-1	Diethylmercury (Note: see also CAS No. 593-74-8)	T+; R26/27/28 R33 N; R50-53	T+; N R: 26/27/28-33-50/53 S: (1/2)-13-28-36-45-60-61	Conc>=0.5%; T+; R26/27/28; R33 >=0.1%Conc<0.5%; T; R23/24/25; R33 >=0.05%Conc<0.1%; T; R20/21/22; R33	Eu	-	-	-	-	-	-	-	-
628-11-5	3-Chloropropyl chloroformate	T; R23 Xn; R22-48/22 Xi; R38-41 R43	T R: 22-23-38-41-43-48/22 S: (1/2)-26-36/37/39-45 R: 10 - 66;	Conc>=25%; T; R23; R22; R48/22; R38; R41; R43 >=20%Conc<25%; Xn; R20; R48/22; R38; R41; R43 >=10%Conc<20%; Xn; R20; R48/22; R41; R43 >=5%Conc<10%; Xn; R20; R36; R43 >=3%Conc<5%; Xn; R20; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
628-63-7	n-Amyl acetate [Pentyl acetate] (Note: see also CAS No 123-92-2, 624-41-9, 626-38-0 & 84145-37-9)	R10 R66	S: (2) - 23 - 25; Note: C		Eu; A	n-Amyl acetate	50	270	100	541	-	-	-
628-86-4	Mercuric fulminate [Fulminate of mercury; Mercury difulminate]	E; R3 T; R23/24/25 R33 N; R50-53	E; T; N; R; 3 - 23/24/25 - 33 - 50/53 S: (1/2) - 3 - 35 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
628-96-6	Ethylene dinitrate [Ethylene glycol dinitrate]	E; R3 T+; R26/27/28 R33	R: 3-26/27/28-33 S: (1/2)-27/28-33-35-36/37- 45 E; T+;	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >=0.1%Conc<1%; Xn; R20/21/22	Eu; A	Ethylene glycol dinitrate	0.05	0.31	-	-	-	Sk	-
629-14-1	1,2-Diethoxyethane	F; R11 R19 Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xi; R36	F; T R: 61-11-19-36-62 S: 53-45	Conc>=20%; T; R61; R62; R36 >=5%Conc<20%; T; R61; R62 >=0.5%Conc<5%; T; R61	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
630-08-0	Carbon monoxide	F+; R12 Repr. Cat. 1; R61 T; R23-48/23	F+; T; R: 61 - 12 - 23 - 48/23 , S: 53 - 45 ; Note: E	Conc>=5%; T; R61; R23-48/23 >=0.5%Conc<5%; T; R61; R20-48/20 >=0.2%Conc<0.5%; T; R61	Eu; A	Carbon monoxide (e)	30	34	-	-	-	-	(see footnote (e))
630-60-4	Ouabain	T; R23/25 R33	T; R: 23/25 - 33 , S: (1/2) - 45	Conc>=25%; T; R23/25; R33 >=3%Conc<25%; Xn; R20/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
632-92-8	2,4,6-Trinitro-m-xylene	E; R2 Xn; R20/21/22 R33	E; Xn; R: 2 - 20/21/22 - 33 , S: (2) - 35	Conc>=25%; Xn; R20/21/22; R33 >=1%Conc<25%; Xn; R33	Eu	-	-	-	-	-	-	-	-
637-78-5	Isopropyl propionate	F; R11	F; R: 11 - 33 S: (2) - 16 - 23 - 24 - 29 - 33	-	Eu	-	-	-	-	-	-	-	-
638-21-1	Phenylphosphine				A	Phenylphosphine	0.05 Peak limitation	0.23 Peak limitation	-	-	-	-	-
638-49-3	Pentyl formate [n-Amyl formate](Note: see also CAS No 110-45-2 & 35073-27-9)]	R10 X; R36/37	X; R: 10 - 36/37, S: (2) - 24; Note: C	Conc>=20%; X; R36/37	Eu	-	-	-	-	-	-	-	-
640-15-3	Thiometon (ISO) [S-2-Ethylthioethyl O,O-dimethyl phosphorodithioate]	T; R25 Xn; R21	T; R: 21 - 25 , S: (1/2) - 36/37 - 45	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
640-19-7	2-Fluoroacetamide	T+; R28 T; R24	T+; R: 24 - 28 , S: (1/2) - 36/37 - 45	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
644-64-4	1-Dimethylcarbamoyl-5-methylpyrazol-3-yl dimethylcarbamate [Dimetilan (ISO)]	T; R25 Xn; R21 N; R50-53	T; N; R: 21 - 25 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
646-06-0	1,3-Dioxolane	F; R11	F; R11, S: (2) - 16	-	Eu	-	-	-	-	-	-	-	-
650-51-1	TCA-sodium (ISO) [Sodium trichloroacetate]	X; R37 N; R50/53	X; N R: 37 - 50/53 S: (2) - 46 - 60 - 61	Conc>=20%; X; R37	Eu	-	-	-	-	-	-	-	-
652-18-6	2,3,5,6-Tetrafluorobenzoic acid	X; R38-41	X R: 38-41 S: (2)-22-26-37/39	Conc>=20%; X; R38; R41 >=10%Conc<20%; X; R41 >=5%Conc<10%; X; R36	Eu	-	-	-	-	-	-	-	-
659-49-4	4-Nitrosoaniline	Xn; R20/21/22	Xn; R: 20/21/22 , S: (2) - 25 - 28	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
674-82-8	Diketene [Diketen]	R10 Xn; R20	Xn; R: 10 - 20 , S: (2) - 3 ; Note: D	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
680-31-9	Hexamethyl phosphoramide [Hexamethylphosphoric triamide]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	R: 45 - 46 S: 53 - 45	Conc>=0.1%; T; R45; R46 >=0.001%Conc<0.1%; T; R45	Eu; A	Hexamethyl phosphoramide (d)	-	-	-	-	2	Sk	-
681-84-5	Methyl silicate [Tetramethyl orthosilicate; Methyl orthosilicate]				A	Methyl silicate	1	6	-	-	-	-	-
682-80-4	Demephion-O (ISO) [O,O-Dimethyl O-2-methylthioethyl phosphorothioate]	T+; R28 T; R24	T+; R: 24 - 28 , S: (1/2) - 28 - 36/37 - 45	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
				Conc>=25%; T+: R60; R61; R68; R26; R25; R48/25; R34; R21 >=10% Conc<25%; T+: R60; R61; R68; R26; R48/25; R34; R22 >=7% Conc<10%; T+: R60; R61; R68; R26; R22; R48/22; R36/38 >=3% Conc<7%; T; R60; R61; R68; R23; R22; R48/22; R36/38 >=1% Conc<3%; T; R60; R61; R68; R23; T+: C; N R: 60-61-21-25-26-34-48/25- R48/22; R36/38 68 50/53 S: 53-45-60-61 Note: E	Eu;A	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
683-18-1	Dibutyltin dichloride(DBTC)												
684-16-2	Hexafluoroacetone				A	Hexafluoroacetone	0.1	0.68	-	-	-	Sk	-
687-47-8	Ethyl L-lactate [Ethyl-(S)-lactate: Ethyl (S)-2-hydroxypropionate](Note: see also CAS No 97-64-3)	R10 Xi: R37 Xi: R41	Xi; R: 10 - 37 - 41, S: (2) - 24 - 26 - 39; Note: C	Conc>=20%; Xi: R41; R37 >=10% Conc<20%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu		-	-	-	-	-	-	-
693-21-0	Diethylene glycol dinitrate [Digo dinitrate; Oxydiethylene dinitrate]	E; R3 T+: R26/27/28 R33 R52-53	E; T+; R: 3 - 26/27/28 - 33 - 52/53 S: (1/2) - 33 - 35 - 36/37 - 45 - 61	Conc>=7%; T+: R26/27/28; R33 >=1% Conc<7%; T; R23/24/25; R33 >= 0.1% Conc<1%; Xn: R20/21/22	Eu		-	-	-	-	-	-	-
694-64-4	2,2-Ethylmethylthiazolidine	Xn: R22 Xi: R41 R43 N: R51-53	Xn; N; R: 22 - 41 - 43 - 51/53 S: (2)24 - 26 - 37/39 - 61	Conc>=25%; Xn: R22; R41; R43 >=10% Conc<25%; Xi: R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	Eu		-	-	-	-	-	-	-
696-33-3	Iodoxybenzene	E; R2	E R: 2 S: (2-)35		Eu		-	-	-	-	-	-	-
696-44-6	N-Methyl-m-toluidine [Benzenamine, N,3-dimethyl](Note: see also CAS No 611-21-2 & 623-08-5)	T: R23/24/25 R33 N: R52-53	T; N; R: 23/24/25 - 33 - 52/53, S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=25%; T: R23/24/25; R33 >=3% Conc<25%; Xn: R20/21/22; R33 >=1% Conc<3%; Xn: R33	Eu		-	-	-	-	-	-	-
700-13-0	2,3,5-Trimethylhydroquinone	Xn: R20 Xi: R37/38-41 R43 N: R50-53	Xn; N; R: 20 - 37/38 - 41 - 43 - 50/53, S: (2) - 24 - 26 - 37/39 - 60 - 61	Conc>=25%; Xn: R20; R37/38; R41; R43 >=20% Conc<25%; Xi: R37/38; R41; R43 >=10% Conc<20%; Xi: R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	Eu		-	-	-	-	-	-	-
709-98-8	Propanil (ISO) [3',4'-Dichloroprotonanilide]	Xn: R22 N: R50	Xn; N R: 22-50 S: (2-)22-61	Conc>=25%; Xn: R22	Eu		-	-	-	-	-	-	-
719-86-8	3-Acetyl-1-phenyl-pyrrolidine-2,4-dione	Xn: R48/22 N: R51-53	R: 48/22-51/53 S: (2-)22-36/37-61	Conc>=10%; Xn: R48/22	Eu		-	-	-	-	-	-	-
719-96-0	N-(Dichlorofluoromethylthio)phthalimide [N-(Fluorodichloromethylthio)phthalimide]	Xi: R38 Xi: R41 R43	Xi; R: 38, S: (2) - 28	Conc>=20%; Xi: R38 Conc>=10%; Xi: R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	Eu		-	-	-	-	-	-	-
723-38-6	2-Methyl-5-(1,1,3,3-tetramethylbutyl)hydroquinone	N: R51-53	Xi; N; R: 41 - 43 - 51/53, S: (2) - 24/25 - 26 - 37 - 61	Conc>=20%; Xi: R36/37/38; R43 >=1% Conc<20%; Xi: R43	Eu		-	-	-	-	-	-	-
731-27-1	Tolylfluanid (ISO) [Dichloro-N-[(dimethylamino)sulphonyl]fluoro-N-(p-tolyl)methanesulphenamide](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres)	Xi: R36/37/38 R43 N: R50	Xi; N R: 36/37/38-43-50 S: (2-)25-36/37-46-61	Conc>=20%; Xi: R36/37/38; R43 >=1% Conc<20%; Xi: R43	Eu		-	-	-	-	-	-	-
731-27-1	Tolylfluanid (ISO) [Dichloro-N-[(dimethylamino)sulphonyl]fluoro-N-(p-tolyl)methanesulphenamide](Note: containing >= 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres)	T+: R26 T: R48/23 Xi: R36/37/38 R43 N: R50	T+; N R: 26-36/37/38-43-48/23-50 S: (1/2-)28-36/37/39-45-63-61	Conc>=20%; T+: R26; R48/23; R43 >=10% Conc<20%; T+: R26; R48/23; R43 >=7% Conc<10%; T+: R26; R48/20; R43 >=1% Conc<7%; T: R23; R48/20; R43 >=0.1% Conc<1%; Xn: R20	Eu		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
732-11-6	Phosmet (ISO) [O,O-Dimethyl phthaldimidomethyl S-phosphorodithioate]	Xn; R21/22 N; R50-53	Xn; N R: 21/22-50/53 S: (2-12)-36/37-60-61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
741-59-2	Bensulide (ISO) [O,O-Disopropyl 2-phenylsulphonylaminoethyl phosphorodithioate]	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2-24)-36-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
756-13-8	1,1,1,2,2,4,5,5,5-Nonafluoro-4-(trifluoromethyl)-3-pentanone	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
759-94-4	EPTC (ISO) [S-Ethyl dipropythiocarbamate]	Xn; R22	Xn; R: 22 , S: (2) - 23	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
762-76-4	tert-Butyl formate(Note: see also CAS No 542-55-2 & 592-84-7)	F; R11 Xi; R36/37	F; Xi; R: 11 - 36/37 , S: (2) - 9 - 16 - 24 - 33; Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
764-41-0	1,4-Dichlorobut-2-ene [2-Butene, 1,4-dichloro]	Carc. Cat. 2; R45 T+; R26 T; R24/25 C; R34 N; R50-53	T+; N R: 45-24/25-26-34-50/53 S: 53-45-60-61; Note: E	Conc>=25%; T+; R45; R26; R24/25; R34 >=10%Conc<25%; T+; R45; R26; R21/22; R34 >=7%Conc<10%; T+; R45; R26; R21/22; R36/37/38 >=5%Conc<7%; T; R45; R23; R21/22; R36/37/38 >=3%Conc<5%; T; R45; R23; R21/22 >=1%Conc<3%; T; R45; R23 >=0.1%Conc<1%; T; R45; R20 >=0.01%Conc<0.1%; T; R45	Eu	-	-	-	-	-	-	-	
768-52-5	N-Isopropylaniline	Xi; R38 N; R51-53	Xi; N; R: 38 - 51/53, S: (2) - 37 - 61	Conc>=20%; Xn; R38	A	N-Isopropylaniline	2	11	-	-	-	Sk	-
768-56-9	4-Phenylbut-1-ene	O; R7	O; C; N		Eu	-	-	-	-	-	-	-	-
771-29-9	1,2,3,4-Tetrahydro-1-naphthyl hydroperoxide [Teralin C; hydroperoxide]	Xn; R22 C; R34 N; R50-53	R: 7-22-34-50/53 S: (1/2-3/7-14-26-36/37/39-45-60-61	Conc>=25%; C; 34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
786-19-6	Carbophenothion (ISO) [4-Chlorophenylthiomethyl O,O-diethyl phosphorodithioate]	T; R24/25 N; R50-53	T; N; R: 24/25 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
811-54-1	Formic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
811-97-2	1,1,1,2-Tetrafluoroethane [HFC 134a]				A	1,1,1,2-Tetrafluoroethane	1000	4240	-	-	-	-	-
814-71-1	Acetic acid, mercapto-, calcium salt (2:1)	T; R23/25 Xn; R21 Xi; R36/37/38 R43	T R: 21-23/25-36/37/38-43	Conc>=25%; T; R23/25; R21; R36/37/38; R43 >=20%Conc<25%; Xn; R20/22; R36/37/38; R43 >=3%Conc<20%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	N	-	-	-	-	-	-	-	-
818-61-1	2-Hydroxyethyl acrylate	T; R24 C; R34 R43 N; R50	T; N R: 24-34-43-50 S: (1/2)-26-36/39-45-61; Note: D	Conc>=10%; T; R24; R34; R43 >=5%Conc<10%; T; R24; R36/38; R43 >=2%Conc<5%; T; R24; R43 >=0.2%Conc<2%; Xn; R21; R43	Eu	-	-	-	-	-	-	-	-
822-06-0	Hexamethylene-diisocyanate	T; R23 Xi; R36/37/38 R42/43	T; R: 23 - 36/37/38 - 42/43 , S: (1/2) - 26 - 28 - 38 - 45	Conc>=20%; T; R23; R36/37/38; R42/43 >=2%Conc<20%; T; R23; R42/43 >=0.5%Conc<2%; Xn; R20; R42/43	Eu, A	Hexamethylene diisocyanate	-	-	-	-	-	-	(see isocyanates, all)
823-40-5	2-Methyl-m-phenylene diamine [1,3-Benzenediamine,2-methyl; 2,6-Toluene diamine]	Muta. Cat. 3; R68 Xn; R21/22 Xi; R43 N; R51-53	Xn; N R: 21/22-43-68-51/53 S: (2-24)-36/37-61	Conc>=25%; Xn; R68; R21/22; R43 >=1%Conc<25%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
824-35-1	Benzoic acid, 2-hydroxy-, calcium salt (2:1)	Xn; R22	Xn R: 22	Conc>=25%; Xn; R22	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
824-39-5	Sodium ortho-nitrophenolate	Xn: R22 Xi: R36	Xn; R: 22-36	Conc>=25%; Xn: R22; R36 >=20%Conc<25%; Xi: R36	V	-	-	-	-	-	-	-	-
824-78-2	Sodium para-nitrophenolate	Xn: R22 Xi: R36	Xn; R: 22-36	Conc>=25%; Xn: R22; R36 >=20%Conc<25%; Xi: R36	V	-	-	-	-	-	-	-	-
826-62-0	1,2,3,6-Tetrahydro-3,6-methanophthalic anhydride [Himic anhydride](Note: see also CAS No 129-64-6 & 2746-19-2)	Xi: R41 Xn: R42/43	Xn : R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
834-12-8	Anetryn (ISO) [2-Ethylamino-4-isopropylamino-6-methylthio-1,3,5-triazine]	Xn: R22 N: R50-53	Xn: N R: 22-50/53 S: (2)-36-60-61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
838-88-0	4,4'-Methylenedi-o-toluidine [Benzenamine, 4,4'-methylenebis(2-methyl)]	Carc. Cat. 2; R45 Xn: R22 R43 N: R50-53	T ; N : R: 45 - 22 - 43 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T: R45; R22; R43 >=1%Conc<25%; T: R45; R43 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
842-07-9	C.i. Solvent Yellow 14 [1-Phenylazo-2-naphthol]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 R43 R53	Xn : R: 40 - 43 - 53 - 68 S: (2)2 - 36/37 - 46 - 61	Conc>=1%; Xn: R40; R68; R43	Eu	-	-	-	-	-	-	-	-
865-33-8	Potassium methanolate [Potassium methoxide](Note: see also CAS No 124-41-4 & 865-34-9)	F: R11 R14 C: R34	F ; C : R: 11 - 14 - 34, S: (1/2) - 8 - 16 - 26 - 43 - 45	Conc>=10%; C: R34 >=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
865-34-9	Lithium methanolate [Lithium methoxide](Note: see also CAS No 124-41-4 & 865-33-8)	F: R11 R14 C: R34	F ; C : R: 11 - 14 - 34, S: (1/2) - 8 - 16 - 26 - 43 - 45	Conc>=10%; C: R34 >=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
867-27-6	Demeton-O-methyl (ISO) [O-2-Ethylthioethyl O,O-dimethyl phosphorothoate]	T: R25	T ; R: 25 , S: (1/2) - 24 - 36/37 - 45	Conc>=25%; T: R25 >=3%Conc<25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
868-77-9	2-Hydroxyethyl methacrylate	Xi: R36/38; R43	Xi ; R: 36/38 - 43 , S: (2) - 26 - 28 ; Note: D	Conc>=20%; Xi: R36/38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
869-59-0	Trioctylstannane	T: R48/25 Xi: R38 R53	T ; R: 38 - 48/25 - 53 S: (1/2) - 23 - 36/37 - 45 - 61	Conc>=20%; T: R48/25; R38 >=10%Conc<20%; T: R48/25 >=1%Conc<10%; Xn: R48/22	Eu	Tin, organic compounds (as Sn)	0.1	-	0.2	-	-	Sk	-
872-50-4	N-Methyl-2-pyrrolidone [1-Methyl-2-pyrrolidone]	Repr. Cat. 2; R61 Xi: R36/37/38	T R: 61-36/37/38 S: 53-45	Conc>=10%; T: R61; R36/37/38 >=5%Conc<10%; T: R61	Eu/A	1-Methyl-2-pyrrolidone	25	103	75	309	-	Sk	-
873-32-5	2-Chlorobenzonitrile	Xn: R21/22 Xi: R36	Xn : R: 21/22 - 36 , S: (2) - 23	Conc>=25%; Xn: R21/22; R36 >=20%Conc<25%; Xi: R36	Eu	-	-	-	-	-	-	-	-
873-54-1	Benzoic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T: R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T: R40; R61; R62; R68; R33 >=1%Conc<5%; T: R40; R61; R68; R33 >=0.5%Conc<1%; T: R61	N	-	-	-	-	-	-	-	-
895-85-2	Bis(4-methylbenzoyl)peroxide	E: R2 O: R7 N: R50-53	E: N R: 2 - 7 - 50/53 S: (2)7 - 14 - 36/37/39 - 47 - 60 - 61	Conc>=25%; T+: R40; R63; R26; R24/25; R48/23; R37/38; R41 >=20%Conc<25%; T+: R40; R63; R26; R48/23; R21/22; R37/38; R41 >=10%Conc<20%; T+: R40; R63; R26; R48/23; R21/22; R41 >=7%Conc<10%; T+: R40; R63; R26; R21/22; R48/20; R36 >=5%Conc<7%; T: R40; R63; R23; R21/22; R48/20; R36 >=3%Conc<5%; T: R40; R23; R21/22; R48/20 >=1%Conc<3%; T: R40; R23; R48/20 >=0.1%Conc<1%; Xn: R20	Eu	-	-	-	-	-	-	-	
900-95-8	Fentin acetate (ISO) [Triphenyltin acetate]	Carc. Cat. 3; R40 Repr. Cat. 3; R63 T+: R26 T: R24/25-48/23 Xi: R37/38-41 N: R50-53	T+: N R: 24/25-26-37/38-40-41-48/23-63-50/53 S: (1/2)-26-28-36/37/39-45-60-61	Tin, organic compounds (as Sn)	Eu/A	-	0.1	-	0.2	-	-	Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		F: R11 R14 C: R34	F : C ; R: 11 - 14 - 34 , S: (1/2) - 8 - 16 - 26 - 43 - 45	Conc=>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
917-61-3	Sodium cyanate	Xn: R22 R52-53	Xn ; R: 22 - 52/53 , S: (2) - 24/25 - 61	Conc=>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
919-30-2	3-Aminopropyltriethoxysilane	Xn: R22 C: R34	C ; R: 22 - 34 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
919-76-6	Amidition (ISO) [2-Methoxyethylcarbamoymethyl O,O-dimethyl phosphorothioate]	Xn: R22	Xn ; R: 22 , S: (2) - 24 - 36	Conc=>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
919-86-8	Demeton-S-methyl (ISO) [S-2-Ethylthioethyl dimethyl phosphorothioate]	T: R24/25 N: R51-53	T ; N ; R: 24/25 - 51/53 , S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
920-36-5	(2-Methylpropyl)lithium [Isobutyllithium]	F: R15-17 R14 C: R35 R67 N: R50-53	F; C; N R: 14/15-17-35-67-50/53 S: (1/2-16-16-26-30-33-36/37/39-43-45-60-61	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
923-26-2	2-Hydroxypropyl methacrylate(Note: see also CAS No 2761-09-3)	Xi: R36 R43	Xi ; R: 36 - 43 , S: (2) - 24/25 - 26 - 37/39 ; Notes: C ; D	Conc>=20%; Xi; R36, R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
924-43-6	sec-Butyl nitrite	F: R11 Xn: R20/22	F ; Xn ; R: 11 - 20/22 , S: (2) - 16 - 24 - 46	Conc>=25%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
924-99-2	Ethyl trans-3-dimethylaminoacrylate	Xi: R43	Xi ; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
935-79-5	cis-1,2,3,6-Tetrahydrophthalic anhydride [1,3-Isobenzofuranone, 3a,4,7,7a-tetrahydro-cis](Note: see also CAS No 85-43-8, 2426-02-0 & 26266-63-7)	Xi: R41 Xn: R42/43 R51-53	Xn ; R: 41 - 42/43 - 51/53 , S: (2) - 22 - 24 - 26 - 37/39 - 61 ; Note: C	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
944-22-9	Fonofos (ISO) [o-Ethyl phenyl ethylphosphorodithioate]	T+: R27/28 N: R50-53	T+ ; N ; R: 27/28 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn: R21/22	Eu; A	Fonofos	-	0.1	-	-	-	Sk	-
947-02-4	Phostolan (ISO) [Diethyl 1,3-dithiolan-2-ylidenephosphoramidate]	T+: R27/28	T+ ; R: 27/28 , S: (1/2) - 28 - 36/37 - 45	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
950-10-7	Mephosfolan (ISO) [Diethyl 4-methyl-1,3-dithiolan-2-ylidenephosphoramidate]	T+: R27/28 N: R51-53	T+ ; N ; R: 27/28 - 51/53 , S: (1/2) - 36/37/39 - 45 - 61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
950-37-8	Methidathion (ISO) [2,3-Dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ymethyl-O,O-dimethylphosphorodithioate]	T+: R28 Xn: R21 N: R50-53	T+ ; N ; R: 21 - 28 - 50/53 , S: (1/2) - 22 - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T+; R28; R21 >=7%Conc<25%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn: R22	Eu	-	-	-	-	-	-	-	-
953-17-3	Methylcarbophenothione [S-(Chlorophenylthiomethyl) O,O-dimethylphosphorodithioate]	T: R24/25 N: R50-53	T; N R: 24/25-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
954-16-5	2,4,6-Trimethylbenzophenone	Xn: R22 Xi: R36 N: R50-53	Xn ; N ; R: 22 - 36 - 50/53 , S: (2) - 26 - 60 - 61	Conc>=25%; Xn: R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
957-51-7	Diphenamid (ISO) [N,N-Dimethyl-2,2-diphenylacetamide]	Xn: R22 R52-53	Xn R: 22 - 52/53 S: (2) - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
973-21-7	Dinobuton (ISO) [2-sec-Butyl-4,6-dinitrophenyl isopropyl carbonate; 2-(1-Methylpropyl)-4,6-dinitrophenyl isopropyl carbonate]	T: R25 N: R50-53	T ; N ; R: 25 - 50/53 , S: (1/2) - 37 - 45 - 60 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
991-42-4	Norbornide (ISO) [5-(alpha-Hydroxy-alpha-2-pyridylbenzyl)-7-(alpha-2-pyridylbenzylidene) bicyclo[2.2.1] hept-5-ene-2,3-dicarboximide]	Xn: R22	Xn ; R: 22 , S: (2)	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
994-05-8	2-Methoxy-2-methylbutane [tert-Amyl methyl ether]	F: R11 Xn: R22 R67	F; Xn R: 11-22-67 S: (2-19-16-23-33	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
999-61-1	2-Hydroxypropyl acrylate(Note: see also CAS No 2918-23-2 & 25584-83-2)	T; R23/24/25 C; R34 R43	T; R: 23/24/25 - 34 - 43, S: (1/2) - 26 - 36/37/39 - 45; Notes: C; D	Conc>=10%; T; R23/24/25; R34; R43 >=5%Conc<10%; T; R23/24/25; R36/38; R43 >=2%Conc<5%; T; R23/24/25; R43 >=0.2%Conc<2%; Xn; R20/21/22; R43	Eu; A	2-Hydroxypropyl acrylate	0.5	2.8	-	-	-	Sk	-
999-81-5	Chloroethat chloride (ISO) [2-Chloroethyl(trimethylammonium chloride)]	Xn; R21/22 Xi; R38 R43	Xn; R: 21/22 , S: (2) - 36/37	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
1000-78-8	N,N'-(2,2-Dimethylpropylidene)hexamethylenediamine	Xi; R38 R43	Xi; R: 38 - 43, S: (2) - 24 - 37	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1014-69-3	Desmetryne (ISO) [6-Isopropylamino-2-methylamino-4-methylthio-1,3,5-triazine]	Xn; R21/22 N; R50-53	Xn; N; R: 21/22 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
1014-70-6	Simetryn (ISO) [2,4-Bis(ethylamino)-6-methylthio-1,3,5-triazine]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1024-57-3	Heptachlor epoxide [2,3-Epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane]	Carc. Cat. 3; R40 T; R25 R33 N; R50-53	T; N; R: 25 - 33 - 40 - 50/53 , S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R40; R25; R33 >=3%Conc<25%; Xn; R40; R22; R33 >=1%Conc<3%; Xn; R40; R33	Eu	-	-	-	-	-	-	-	-
1031-15-8	Methyltriphenylphosphonium chloride	Xn; R21/22 Xi; R38-41 N; R51-53	Xn; N R: 21/22-38-41-51/53 S: (2)-22-26-36/37/39-61	Conc>=25%; Xn; R21/22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
1031-47-6	Triamphos (ISO) [5-Amino-3-phenyl-1,2,4-triazol-1-yl-N,N,N',N'-tetramethylphosphonic diamide]	T+; R27/28	T+; R: 27/28 , S: (1/2) - 22 - 28 - 36/37 - 45	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
1034-01-1	Octyl 3,4,5-trihydroxybenzoate	Xn; R22 R43	Xn; R: 22 - 43 , S: (2) - 24 - 37	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1067-08-9	3-Ethyl-3-methylpentane (Note: see also CAS No. 111-F; R11 65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8 & 26635-64-3)	R43 N; R51-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-19-16-29-33-60-61-62	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
1070-64-0	Ethyl 6,8-dichlorooctanoate	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1070-70-8	Tetramethylene diacrylate [1,4-Butyleneglycol diacrylate]	Xn; R21 C; R34 R43	C; R: 21 - 34 - 43 , S: (1/2) - 26 - 36/37/39 - 45 ; Notes: D	Conc>=25%; C; R34; R21; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1071-83-6	Glyphosate (ISO) [N-(Phosphonomethyl)glycine]	Xi; R41 N; R51-53	Xi; N; R: 41 - 51/53 S: (2)-26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
1072-35-1	Octadecanoic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T; N R: 25-51/53 S: (1/2)-22-36-45-61	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
1075-89-4	8-Azaspiro[4.5]decane-7,9-dione	T; R25 N; R51-53	R: 25-51/53 S: (1/2)-22-36-45-61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1085-98-9	Dichlofluanid (ISO) [N-Dichlorofluoromethylthio-N'-dimethyl-N-phenylsulfamide]	Xn; R20 Xi; R36 R43 N; R50	Xn; N R: 20-36-43-50 S: (2)-24-37-61	Conc>=25%; Xn; R20; R36; R43 >=20%Conc<25%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1111-67-7	Cuprous thiocyanate	Xi; R36/38 T; R25 Xn; R21 N; R50	Xi; R: 36/38 T; N; R: 21 - 25 - 50 , S: (1/2) - 23 - 36/37 - 45 - 61	Conc>=20%; Xi R36/38 Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	V	-	-	-	-	-	-	-	-
1113-02-6	Onethoate (ISO) [O,O-Dimethyl S-methylcarbamoylmethyl phosphorothioate]	Xn; R21 N; R50	Xn; R: 21 - 25 - 50 , S: (1/2) - 23 - 36/37 - 45 - 61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1114-71-2	Pebulate (ISO) [S-Propyl butyl (ethyl) thiocarbamate; N-Butyl-N-ethyl-S-propylthiocarbamate]	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53, S: (2) - 23 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1116-54-7	2,2''-(Nitrosoimino)bisethanol	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	
1120-46-3	9-Octadecenoic acid, lead(2+) salt, (Z)-		T R: 61-20/22-33-40-62-68 T; R: 45 - 21/22, S: 53 - 45 ; Note: E	Conc>=25%; T; R45; R21/22 >=0.01%Conc<25%; T; R45	Eu; A	Propane sulfone (d)	-	-	-	-	2	-	-
1120-71-4	1,3-Propanesultone [1,2-Oxathiolane 2,2-dioxide; Propane sultone]	Carc. Cat. 2; R45 Xn; R21/22	Xn; R22 S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1129-41-5	Metolcarb (ISO) [m-Tolyl methylcarbamate; MTMC]	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53, S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1132-95-2	1,1-Diisopropoxydichexane	C; R34	C R: 34 S: (1/2)-23-26-36/37/39-45	Conc>=10%; C; R34 >=5%Conc<10%; Xn; R36/38	Eu	-	-	-	-	-	-	-	-
1134-94-7	2-Phenylthioaniline	R43 N; R51-53	Xl; N; R: 43 - 51/53 S: (2)/24 - 37 - 61	Conc>=1%; Xl; R43	Eu	-	-	-	-	-	-	-	-
1166-52-5	Dodecyl 3,4,5-trihydroxybenzoate	Xl; R43	Xl; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xl; R43	Eu	-	-	-	-	-	-	-	-
1184-64-1	Copper carbonate	Xn; R22	Xn; R: R: 22	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
1189-85-1	tert-Butyl chromate (as CrO3)				A	tert-Butyl chromate (as CrO3)	-	0.1 Peak limitation	-	-	-	Sk	-
1191-79-3	Octadecanoic acid, barium cadmium salt (4:1:1)	Xn; R21	Xn; N R: 21 - 51/53 S: (2) - 36/37 - 61	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
1194-65-6	Dichlobenil (ISO) [2,6-Dichlorobenzonitrile]	Xn; R21 N; R51-53	Xn; N R: 21 - 51/53 S: (2) - 36/37 - 61	Conc>=25%; Xn; R21	Eu	-	-	-	-	-	-	-	-
1222-05-5	1,3,4,6,7,8-Hexahydro-4,6,7,8,8-hexamethylindeno[5,6-c]pyran [Galaxolide (HxCB)]	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
1239-45-8	Ethidium bromide [3,8-Diamino-1-ethyl-6-phenylphenanthridinium bromide]	Muta. Cat. 3; R68 T+; R26 Xn; R22	T+ R: 22-26-68 S: (1/2)-28-36/37-45-63	Conc>=25%; T+; R68; R26; R22 >=7%Conc<25%; T+; R68; R26 >=1%Conc<7%; T; R68; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
1300-71-6	Xylenol [Dimethylphenol](Note: see also CAS No 95-65-8, 95-87-4, 105-67-9, 526-75-0, 576-26-1 & 71975- C; R34	T; R24/25 T; R24/25 R33 N; R51-53	T; N; R: 24/25 - 34 - 51/53, S: (1/2) - 26 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; T; R24/25; R34 >=10%Conc<25%; C; R34; R21/22 >=5%Conc<10%; Xn; R21/22; R36/38 >=3%Conc<5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
1300-72-7	Benzenesulfonic acid, dimethyl-, sodium salt	Xl; R36	Xl R: 36 T; N; R: 23/24/25 - 33 - 51/53	Conc>=20%; Xl; R36	N	-	-	-	-	-	-	-	-
1300-73-8	Xylidine	T; R23/24/25 R33 N; R51-53	S: (1/2) - 28 - 36/37 - 45 - 61; Note: C	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	Xylidine	0.5	2.5	-	-	2	Sk	-
1303-00-0	Gallium arsenide (GaAs)	Carc. Cat. 2; R45 Repr. Cat. 2; R60 T; R23-48/23	T R: 45-60-23-48/23	Conc>=25%; T; R45; R60; R23; R48/23 >=10%Conc<25%; T; R45; R60; R48/23; R20; >=3%Conc<10%; T; R45; R60; R20; R48/20 >=1%Conc<3%; T; R45; R60; R48/20 >=0.5%Conc<1%; T; R45; R60 >=0.1%Conc<0.5%; T; R45	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1303-28-2	Arsenic oxide (As2O5) [Arsenic pentoxide; Diansenic C; R34 pentaoxide]	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T; R23/25 Xn; R21-48/20/21/22 C; R34 N; R50-53	T; N R: 45-21-23/25-34-48/20/21/22-68-50-53	Conc>=25%; T; R45; R68; R23/25; R34; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R68; R34; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R68; R20/22; R36/38 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-
				Conc>=25%; T+; R45; R68; R28; R23; R48/23/25 >=10%Conc<25%; T+; R45; R68; R28; R48/23/25; R20 >=7%Conc<10%; T+; R45; R68; R28; R20; R48/20/22 >=3%Conc<7%; T; R45; R68; R25; R20; R48/20/22 >=1%Conc<3%; T; R45; R68; R25; R48/20/22 >=0.1%Conc<1%; T; R45; R22	N	-	-	-	-	-	-	-	
1303-36-2	Arsenic selenide (As2Se3)	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T+; R28 T; R23-48/23/25	T+ R: 45-48/23/25-23-28-68										
1303-86-2	Diboron trioxide [Boric oxide]	Repr. Cat. 2; R60-61	R: 60-61 S: 53-45	Conc>=3.1%; T; R60; R61	Eu;A	Boron oxide	-	10	-	-	-	-	-
1303-96-4	Sodium tetraborate decahydrate [Borax decahydrate]	Repr. Cat. 2; R60-61 O; R8 Xn; R20/22	R: 60-61 S: 53-45 O; Xn; R: 8 - 20/22 , S: (2) - 13 - 27	Conc>=8.5%; T; R60; R61	Eu;A	Borates, tetra, sodium salts (decahydrate)	-	5	-	-	-	-	-
1304-29-6	Barium peroxide			Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
1304-56-9	Beryllium oxide	Carc. Cat. 2; R49 T+; R26 T; R25-48/23 Xi; R36/37/38 R43	T+; R: 49 - 25 - 26 - 36/37/38 - 43 - 48/23 S: 53 - 45; Note: E	>=7%Conc<10%; T+; R49; R26; R22; R48/20; R43 >=3%Conc<7%; T; R49; R23; R22; R48/20; R43 >=1%Conc<3%; T; R49; R23; R48/20; R43 >=0.1%Conc<1%; T; R49; R20	Eu	Beryllium & compounds	-	0.002	-	-	2	-	-
1304-82-1	Bismuth telluride undoped [Bismuth telluride Se-doped]				A	Bismuth telluride	-	10	-	-	-	-	-
1304-82-1	Bismuth telluride undoped [Bismuth telluride Se-doped]				A	Bismuth telluride, Se-doped	-	5	-	-	-	-	-
1305-62-0	Calcium hydroxide				A	Calcium hydroxide	-	5	-	-	-	-	-
1305-78-8	Calcium oxide				A	Calcium oxide	-	2	-	-	-	-	-
1305-99-3	Calcium phosphide [Tricalcium diphosphide]	F; R15/29 T+; R26 N; R50	F; T+; N R: 15/29-28-50 S: (1/2-122-28-36/37-43-45-61	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1306-19-0	Cadmium oxide (CdO) (non-pyrophoric)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62-63 T+; R26 T; R25-48/23/25 N; R50-53	T+; N R: 45-25-26-48/23/25-62-63-68-50-53	Conc>=25%; T+; R45; R62; R63; R68; R26; R25; R48/23/25 >=10%Conc<25%; T+; R45; R62; R63; R68; R26; R48/23/25; R22 >=7%Conc<10%; T+; R45; R62; R63; R68; R26; R22; R48/20/22 >=5%Conc<7%; T; R45; R62; R63; R68; R23; R22; R48/20/22 >=3%Conc<5%; T; R45; R68; R	N;Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1306-23-6	Cadmium sulphide	Carc. Cat. 2; R45	T; N R: 45-22-48/23/25-62-63-68- 53 S: 53-45-61; Note: E	Conc>=10%; T; R45; R68; R62/63; R48/23/25; R22	Eur; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-	-
		Muta. Cat. 3; R68		>=5%Conc<10%; T; R45; R68; R62/63; R48/20/22									
		Repr. Cat. 3; R62-63		>=1%Conc<5%; T; R45; R68; R48/20/22									
		Xn; R22		>=0.1%Conc<1%; T; R45; R48/20/22									
		R53											
1307-96-6	Cobalt oxide	Xn; R22	Xn; N R: 22-43-50/53 S: (2)-24-37-60-61	Conc>=25%; Xn; R22; R43	Eu	-	-	-	-	-	-	-	-
		R43		>=1%Conc<25%; Xi; R43									
1309-37-1	Iron oxide fume (as Fe)	N; R50-53			A	Iron oxide fume (Fe2O3) (as Fe)	-	5	-	-	-	-	(see Chapter 17)
1309-48-4	Magnesium oxide (fume)				A	Magnesium oxide (fume)	-	10	-	-	-	-	-
1309-60-0	Lead oxide (PbO2)	Carc. Cat. 3; R40	T 61-33-40-62-68	Conc>=5%; T; R40; R61; R62; R68; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=1%Conc<5%; T; R40; R61; R68; R33									
1309-64-4	Antimony trioxide,handling and use (as Sb)	Repr. Cat. 1; R61	Xn ; R: 40 , S: (2) - 22 - 36/37	Conc>=1%; Xn; R40	Eur; A	Antimony trioxide, handling and use (as Sb)	-	0.5	-	-	-	-	-
1309-64-4	Antimony trioxide,handling and use (as Sb)	Repr. Cat. 3; R62	Xn ; R: 40 , S: (2) - 22 - 36/37	Conc>=1%; Xn; R40	Eur; A	Antimony trioxide, production (d)	-	-	-	-	2	-	-
1310-58-3	Potassium hydroxide [Caustic potash]	Carc. Cat. 3; R40	C ; R: 22 - 35 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C; R35; R22	Eur; A	Potassium hydroxide	-	2	Peak limitation	-	-	-	-
		Xn; R22		>=5%Conc<25%; C; R35									
1310-73-2	Sodium hydroxide	C; R35	C ; R: 35 , S: (1/2) - 26 - 37/39 - 45	>=2%Conc<5%; C; R34	Eur; A	Sodium hydroxide	-	2	Peak limitation	-	-	-	-
1312-73-8	Potassium sulphide [Dipotassium sulphide]	C; R34	C ; N ; R: 31 - 34 - 50 , S: (1/2) - 26 - 45 - 61	Conc>=10%; C; R34; R31	Eu	-	-	-	-	-	-	-	-
1313-13-9	Manganese dioxide	N; R50	Xn ; R: 20/22 , S: (2) - 25	>=5%Conc<10%; Xi; R36/38; R31	Eu	-	-	-	-	-	-	-	-
1313-27-5	Molybdenum oxide (MoO3) [Molybdenum trioxide]	Xn; R20/22	Xn R: 36/37-40	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
1313-60-6	Sodium peroxide	Carc. Cat. 3; R40	O ; C ; R: 8 - 35 , S: (1/2) - 8 - 27 - 39 - 45	Conc>=20%; Xn; R40; R36/37	N	-	-	-	-	-	-	-	-
		Xi; R36/37		>=1%Conc<20%; Xn; R40									
		O; R8	T; R24 Xn; R22	Conc>=10%; C; R35	Eu	-	-	-	-	-	-	-	-
		C; R35		>=5%Conc<10%; C; R34									
1313-82-2	Disodium sulfide [Sodium sulfide]	T; R24	T; C; N R: 22-24-31-34-50	Conc>=25%; T; R34; R24; R22	Eu	-	-	-	-	-	-	-	-
		Xn; R22	S: (1/2)-26-36/37/39-45-61	>=10%Conc<25%; C; R34; R21									
1313-99-1	Nickel oxide (NiO) [Nickel monoxide]	C; R34	R: 22-24-31-34-50	>=5%Conc<10%; Xn; R21; R36/38	Eu	-	-	-	-	-	-	-	-
		R31		>=3%Conc<5%; Xn; R21									
1314-06-3	Dinickel trioxide	N; R50	T R: 49-43-53	Conc>=10%; T; R49; R48/23; R43	N/ Eu	-	-	-	-	-	-	-	-
		R43	S: 53 - 45 - 61	>=1%Conc<10%; T; R49; R48/20; R43									
1314-13-2	Zinc oxide (dust)	Carc. Cat. 1; R49	T S: 53 - 45 - 61	Conc>=1%; T; R49; R43	Eu	Zinc oxide (dust)	-	10	-	-	-	-	-
		R43		>=0.1%Conc<1%; T; R49									
		R53			A	Zinc oxide (a)	-	5	-	-	10	-	-
1314-13-2	Zinc oxide (fume)	N			A	Zinc oxide (fume)	-	5	-	-	-	-	-
1314-13-2	Zinc oxide	N; R50-53	R: 50/53 S: 60-61		Eur; A	Zinc oxide (dust)	-	10	-	-	-	-	-
1314-13-2	Zinc oxide	N; R50-53	R: 50/53 S: 60-61		Eur; A	Zinc oxide (fume)	-	5	-	-	10	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1314-27-8	Lead oxide (Pb2O3)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33	T 61-33-40-62-68	Conc>=5%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33	T 61-33-40-62-68	Conc>=5%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
1314-41-6	Lead oxide (Pb3O4)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33	T 61-33-40-62-68	Conc>=5%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
		C; R: 35 S: (1/2) - 22 - 26 - 45	C; R: 35 S: (1/2) - 22 - 26 - 45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
1314-56-3	Phosphorus pentoxide	C; R35	C; R: 35 S: (1/2) - 22 - 26 - 45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68 Repr. Cat. 3; R63	T; N; R; 20/22 - 37 - 48/23 - 63 - 51/53 - 68, S: (1/2) - 36/37 - 38 - 45 - 61	Conc>=25%; T; R68; R48/23; R63; R20/22; R37 >=20%Conc<25%; T; R68; R48/23; R63; R37 >=5%Conc<20%; T; R68; R48/23; R63 >=1%Conc<5%; Xi; R68; R48/20 >=0.5%Conc<1%; Xi; R48/20	Eu; A	Vanadium (as V2O5), respirable dust & fume)	-	0.05	-	-	-	-	-
1314-62-1		F; R11 R29 Xn; R20/22 N; R50	F; Xn; N; R; 11 - 20/22 - 29 - 50, S: (2) - 61	Conc>=25%; Xn; R20/22; R29	Eu; A	Phosphorus pentasulphide	-	1	-	3	-	-	-
		F; R15/29 T+; R28 R32 N; R50-53	F; T+; N R: 15/29-28-32-50/53 S: (1/2)-28-30-36/37-43-45- 60-61	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1314-84-7	Trizinc diphosphide [Zinc phosphide]	F; R11 Xn; R22 N; R50	F; Xn; N; R; 11 - 22 - 50, S: (2) - 7 - 16 - 24/25 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33	T 61-33-40-62-68	Conc>=5%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
1317-39-1	Dicopper oxide [Copper (I) oxide]	Xn; R22 N; 50-53	Xn; N R: 22-50/53 S: (2)-22-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
		R43 N; R50-53	Xi; N R: 43-50/53 S: (2)-24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1317-95-9	Silica crystalline [Tripoli]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20 R33	T R: 61-20-33-40-62-68 T; R: 24/25 - 34, S: (1/2) - 36/37/39 - 45; Note: C	Conc>=5%; T; R24/25; R34 >=1%Conc<5%; Xn; R21/22; R36/38 Conc>=25%; Xn; R22; R36/38; R43 >=20%Conc<25%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	A	Tripoli	-	-	-	-	-	-	(see Silica - Crystalline)
		Cresol, all isomers(Note: see also CAS No 108-39-4, 95-48-7& 106-44-5)	T; R24/25 C; R34	Conc>=5%; T; R24/25; R34 >=1%Conc<5%; Xn; R21/22; R36/38 Conc>=25%; Xn; R22; R36/38; R43 >=20%Conc<25%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu; A	Cresol, all isomers	5	22	-	-	-	-	Sk
1321-23-9	Chloroxylenol (Note: see also CAS No 88-04-0)	Xn; R22 Xi; R36/38 R43	Xn R: 22 - 36/38 - 43 S: (2) - 24 - 37	Conc>=25%; Xn; R22; R36/38; R43 >=20%Conc<25%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R21/22 Xi; R36/38 N; R50-53	Xn; N; R; 21/22 - 36/38 - 50/53, S: (2) - 35 - 60 - 61 ; Note: C	Conc>=25%; Xn; R21/22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu; A	Pentachloronaphthalene	-	0.5	-	-	-	-	-
1321-65-9	Trichloronaphthalene				A	Trichloronaphthalene	-	5	-	-	-	-	Sk

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1321-74-0	Divinyl benzene				A	Divinyl benzene	10	53	-	-	-	-	-
1322-98-1	Benzenesulfonic acid, decyl-, sodium salt	Xn: R22 Xi: R38-41	Xn R: 22-38-41	Conc>=25%; Xn: R22; R38; R41 >=20%Conc<25%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	N	-	-	-	-	-	-	-	-
1327-53-3	Arsenic oxide (As2O3) [Arsenic trioxide; Diarsenic trioxide]	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T+; R28 T: R23-48/23/25 C: R34 N: R50-53 R10	T+; N R: 23-28-34-45-48/23/25-68-50-53	Conc>=25%; T+; R45; R68; R28; R23; R48/23/25; R34 >=10%Conc<25%; T+; R45; R68; R28; R48/23/25; R34; R20 >=7%Conc<10%; T+; R45; R68; R28; R20; R48/20/22; R36/38 >=5%Conc<7%; T: R45; R68; R25; R20; R48/20/22; R36/38 >=3%Conc<5%; T: R45; R68; R25; R20; R48/2 N/Eur; A (d)	N/Eur; A	Xylene (o-, m-, p-isomers)	80	350	150	655	-	-	-
1330-20-7	Benzene, dimethyl-, [Xylene]	Xn: R20/21 Xi: R37/38	Xn R: 10-20/21-37/38	Conc>=25%; Xn: R20/21; R37/38 >=20%Conc<25%; Xi: R37/38	N/Eur; A	Borates, tetra, sodium salts (anhydrous)	-	1	-	-	-	-	-
1330-43-4	Disodium tetraborate, anhydrous [Boric acid, disodium salt](Note: see also CAS No. 12267-73-1 & 13840-56-7)	Repr. Cat. 2; R60-61	R: 60-61 S: 53-45	Conc>=4.5%; T: R60; R61 Conc>=25%; Xn: R22; R38; R41 >=20%Conc<25%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu;A	-	-	-	-	-	-	-	-
1331-51-9	Benzenesulfonic acid, dodecyl-, ammonium salt	Xn: R22 Xi: R38-41	Xn R: 22-38-41	Conc>=25%; Xn: R22	N	-	-	-	-	-	-	-	-
1332-40-7	Copper oxychloride	Xn: R22	Xn: R: 22	Conc>=25%;Xn: R22	V	-	-	-	-	-	-	-	-
1333-74-0	Hydrogen	F+; R12	F+; R12 S: (2) - 9 - 16 - 33		Eu	Hydrogen	-	-	-	-	-	-	Asphyxiant (see Chapter 10)
1333-82-0	Chromium oxide (CrO3) [Chromium (VI) trioxide; Chromium oxide (CrO3) (Cr VI)]	O: R9 Carc. Cat. 1; R45 Repr. Cat. 2; R60-61 T+; R26 T: R24/25-48/23 C: R35 R42/43 N: R50-53	O: T+; C R: 9-45-60-61-24/25-26-35-42/43-48/23-50-53	Conc>=25%; T+; R45; R60; R61; R26; R24/25; R48/23; R35; R42/43 >=10%Conc<25%; T+; R45; R60; R61; R26; R48/23; R35; R21/22; R42/43 >=7%Conc<10%; T+; R45; R60; R61; R26; R34; R21/22; R48/20; R42/43 >=5%Conc<7%; T: R45; R60; R61; R23; R34; R21/22; R48/20; R4	N/Eu	-	-	-	-	-	-	-	-
1333-83-1	Sodium bifluoride [Sodium hydrogen difluoride]	T: R25 C: R34	T; C: R: 25 - 34 , S: (1/2) - 22 - 26 - 37 - 45	Conc>=10%; T: R25; R34 >=1%Conc<10%; C: R22; R34 >=0.1%Conc<1%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
1333-86-4	Carbon black	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33	Carbon black	Conc>=5%; T: R40; R61; R62; R68; R33 >=1%Conc<5%; T: R40; R61; R68; R33 >=0.5%Conc<1%; T: R61	A	-	3	-	-	-	-	-	-
1335-25-7	Lead oxide	E: R2 T: R23/24/25 R33 N: R50-53	E; T: N R: 2-23/24/25-33-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T: R23/24/25; R33 >=3%Conc<25%; Xn: R20/21/22; R33 >=1%Conc<3%; Xn: R33	N	-	-	-	-	-	-	-	-
1335-31-5	Dimercury dicyanide oxide [Mercuric oxycyanide]	Carc. Cat. 3; R40 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R48/22 R33 N: R50-53	T; N : R: 61 - 62 - 33 - 40 - 48/22 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=10%; T: R61; R62; R40; R48/22; R33 >=5%Conc<10%; T: R61; R62; R40; R33 >=1%Conc<5%; T: R61; R40; R33 >=0.5%Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
1335-32-6	Lead acetate [Lead acetate, basic]				Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1335-32-6	Lead, bis(acetato-O)tetrahydroxyri- [Lead acetate; Lead acetate, basic]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22-48/22 R33 N; R50-53	T: N R: 61-20/22-33-40-48/22-62-68-50-53	Conc>=25%: T; R40; R61; R62; R68; R20/22; R48/22; R33 >=10%Conc<25%: T; R40; R61; R62; R68; R48/22; R33 >=5%Conc<10%: T; R40; R61; R62; R68; R33 >=1%Conc<5%: T; R40; R61; R68; R33 >=0.5%Conc<1%: T; R61	N/Eu	-	-	-	-	-	-	-	-
1335-87-1	Hexachloronaphthalene				A	Hexachloronaphth alene	0.2	-	-	-	-	Sk	-
1335-88-2	Tetrachloronaphthalene				A	Tetrachloronaphth alene	2	-	-	-	-	-	-
1336-21-6	Ammonia, aqueous solution [Ammonium hydroxide (NH4OH)]	C: R24 N: R50	C ; N ; R: 34 - 50, S: (1/2) - - 26 - 36/37/39 - 45 - 61; Note: B	Conc>=10%: C; R34 >=5%Conc<10%: Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
1336-36-3	Polychlorobiphenyls [PCB; Polychlorinated biphenyls]	R33 N; R50-53	Xn; N R: 33-50/53 S: (2-)35-60-61; Note: C	Conc>=0.005%: Xn; R33	Eu	-	-	-	-	-	-	-	-
1338-02-9	Copper naphthenate [Naphthenic acids, copper salts]	R10 Xn: R22 N; R50-53	Xn ; N ; R: 10 - 22 - 50/53 , S: (2) - 60 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
1338-23-4	Methyl ethyl ketone peroxide [2-Butanone, peroxide]				A	Methyl ethyl ketone peroxide	0.2 Peak limitation	1.5 Peak limitation	-	-	-	-	-
1341-49-7	Ammonium bifluoride [Ammonium hydrogen difluoride]	T: R25 C: R34	T ; C ; R: 25 - 34, S: (1/2) - 22 - 26 - 37 - 45	Conc>=10%: T; R25; R34 >=1%Conc<10%: C; R34; R22 >=0.1%Conc<1%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
1344-08-7	Sodium polysulphides	R31 T: R25 C: R34 N: R50	T ; N ; R: 25 - 31 - 34 - 50, S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%: T; R25; R34; R31 >=10%Conc<25%: C; R34; R22; R31 >=5%Conc<10%: Xn; R22; R36/38; R31 >=3%Conc <5%: Xn; R22; R31	Eu	-	-	-	-	-	-	-	-
1344-37-2	C.I. Pigment Yellow 34 [Lead sulfochromate yellow]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T: R23 Xn: R48/20 R33 R43 N; R50-53	T: N R: 45-61-23-33-43-48/20-62-68-50-53	Conc>=25%: T; R45; R61; R62; R68; R23; R48/20; R43; R33 >=10%Conc<25%: T; R45; R61; R62; R68; R20; R48/20; R43; R33 >=5%Conc<10%: T; R45; R61; R62; R68; R20; R43; R33 >=3%Conc<5%: T; R45; R61; R68; R20; R43; R33 R: 45-61-23-33-43-48/20-62-68-50-53	N/Eu	-	-	-	-	-	-	-	
1344-40-7	Lead oxide phosphonate (Pb3O2(HPO3)), hemihydrate	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%: T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%: T; R40; R61; R62; R68; R33 >=1%Conc>=5%: T; R40; R61; R68; R33 >=0.5%Conc>=1%: T; R61	N	-	-	-	-	-	-	-	
1344-81-6	Calcium polysulphides	R31 Xi: R36/37/38 N: R50	Xi; N R: 31 - 36/37/38 - 50 S: (2) - 28 - 61	Conc>=20%: Xi; R36/37/38; R31	Eu	-	-	-	-	-	-	-	-
1395-21-7	Subtilisins [(Proteolytic enzymes as 100% pure crystalline enzyme)]					Subtilisins (Proteolytic enzymes as 100% pure crystalline enzyme)	0.00006 Peak limitation	-	-	-	-	Sen	-
1420-06-0	Trifenmorph (ISO) [4-Tritylmorpholine]	Xn: R22 N; R50-53	Xn ; N ; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Repr. Cat. 2; R61 T+; R28 T; R24 R44 N; R50-53	T+ ; N ; R: 61 - 24 - 28 - 44 - 50/53; S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T+; R28; R61; R24 >=7%Conc<25%; T+; R28; R61; R21 >=3%Conc<7%; T; R61; R25; R21 >=1%Conc<3%; T; R61; R25 >=0.5%Conc<1%; T; R61; R22 >=0.1%Conc<0.5%; Xn; R22	Eu	-	-	-	-	-	-	-
1420-07-1	Dinoterb (ISO) [2-tert-Butyl-4,6-dinitrophenol]	Xn; R22-48/20/22 Xi; R38 N; R51-53 R52-53	Xn ; N ; R: 22 - 38 - 48/20/22 - 51/53 S: (2)36/37 - 61 R: 52/53 S: 61	Conc>=25%; Xn; R22; R48/20/22; R38 >=20%Conc<25%; Xn; R48/20/22; R38 >=10%Conc<20%; Xn; R48/20/22	Eu	-	-	-	-	-	-	-
1435-48-9	1,3-Dichloro-4-fluorobenzene	Xi; R38 N; R51-53	48/20/22 - 51/53 S: (2)36/37 - 61	Conc>=25%; Xn; R22; R48/20/22; R38 >=20%Conc<25%; Xn; R48/20/22; R38 >=10%Conc<20%; Xn; R48/20/22	Eu	-	-	-	-	-	-	-
1440-00-2	4,4'-(4-(4-Methoxyphenyl)-1,3,5-triazin-2,4-dyl)bisbenzene-1,3-diol	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-
1449-55-4	Tetracyclohexylsilanane (Note: see also CAS No. 3091-32-5 and 7067-44-9)	Xn; R20/21/22 N; R50-53	Xn; N R: 20/21/22-50/53 S: (2)-26-28-60-61; Note: A	Conc>=1%; Xn; R20/21/22	Eu; A	Tin, organic compounds (as Sn)	0.1	-	0.2	-	Sk	-
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 T+; R26 T; R24/25 C; R34	T+ ; R: 45 - 46 - 24/25 - 26 - 34; S: 53 - 45; Note: E	Conc>=25%; T+; R45; R46; R26; R24/25; R34 >=10%Conc<25%; T+; R45; R46; R26; R34; R21/22 >=7%Conc<10%; T+; R45; R46; R26; R21/22; R36/38 >=5%Conc<7%; T; R45; R46; R23; R21/22; R36/38 >=3%Conc<5%; T; R45; R46; R23; R21/22 >=1%Conc<3%; T; R45; R46; R23 >=0.1%Conc<1%; T; R45; R46; R20	Eu	-	-	-	-	-	-	-
1464-53-5	1,2,3,4-Diepoxybutane [Butadiene diepoxide; 2,2'-Bioxirane]	Xn; R22 N; R50-53	Xn ; N ; R: 22 - 50/53; S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
1468-37-7	Dimexano (ISO) [Bis(methoxythiocarbonyl) disulphide; Di(methoxythiocarbonyl) disulfide]				Eu	-	-	-	-	-	-	-
1477-55-0	m-Xylene a,a'-diamine				A	m-Xylene-a,a'-diamine	0.1 limitation	-	-	-	Sk	-
		Muta. Cat. 3; R68 Xn; R21/22 Xi; R38 R43 N; R50-53	Xn; N R: 21/22-38-43-68-50/53 S: (2)-22-23-36/37-60-61	Conc>=25%; Xn; R68; R21/22; R38; R43 >=20%Conc<25%; Xn; R68; R38; R43 >=1%Conc<20%; Xn; R68; R43	Eu	-	-	-	-	-	-	-
1484-13-5	9-Vinylcarbazole		T+ ; R: 26/28 - 50/53; S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu; A	Carbofuran	0.1	-	-	-	-	-
1563-66-2	Carbofuran (ISO) [2,3-Dihydro-2,2-dimethylbenzofuran-7-yl N-methylcarbamate]	T+; R26/28 N; R50-53	T ; R: 23/24/25 S: (1/2) - 13 - 36/37 - 45	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
1563-67-3	Decarbofuran [2,3-Dihydro-2-methylbenzofuran-7-yl methylcarbamate]	T; R23/24/25	T ; R: 23/24/25 S: (1/2) - 13 - 36/37 - 45	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
	1-Ethoxypropan-2-ol [2PG1EE; 1-Ethoxy-2-propanol; Propylene glycol monoethyl ether](Note: see also CAS No. 54839-24-6)	R10 R67	R: 10-67 S: (2)-24		Eu	-	-	-	-	-	-	-
		T; R23 C; R35 N; R50	T; C; N R: 23-35-50 S: (1/2)-26-36/37/39-45-61	Conc>=25%; T; R23-35 >=10%Conc<25%; C; R35; R20 >=5%Conc<10%; C; R34; R20 >=3%Conc<5%; Xn; R20; R36/37/38 >=1%Conc<3%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-
1570-64-5	4-Chloro-o-cresol [4-Chloro-2-methyl phenol]	Xi; R41	Xi; R: 41 S: (2)26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
1570-95-2	2-Phenyl-1,3-propanediol		N R: 50/53 S: 25-60-61		Eu	-	-	-	-	-	-	-
1571-75-1	1,1-Bis(4-hydroxyphenyl)-1-phenylethane	N; R50-53	R: 50/53 S: 25-60-61		Eu	-	-	-	-	-	-	-
1582-09-8	Trifluralin (ISO) (containing < 0.5 ppm NPDA) [alpha.alpha.alpha.-Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0.5 ppm NPDA); 2,6-Dinitro-N,N-dipropyl-4-trifluoromethylaniline (containing < 0.5 ppm NPDA); N,N-Dipropyl-2,6-dinitro-4-trifluoromethylaniline (containing < 0.5 ppm NPDA)]	Carc. Cat. 3; R40 R43 N; R50-53	Xn; N R: 40-43-50/53 S: (2)-36/37-46-60-61	Conc>=1%; Xn; R40; R43	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1589-47-5	2-Methoxypropanol	R10	T ; R: 61 - 10 - 37/38 - 41, S: 53 - 45	Conc>=20%; T: R61; R41; R37/38	Eu								
		Repr. Cat. 2; R61		>=10%Conc<20%; T: R61; R41									
		Xi; R37/38		>=5%Conc<10%; T: R61; R36									
1589-47-5	2-Methoxypropanol	Xi; R41		>=0.5%Conc<5%; T: R61									
1593-77-7	Dodecylmorph (ISO) [4-Cyclododecyl-2,6-dimethylmorpholine]	Xi; R36/37/38 N: R51-53	Xi; N ; R: 36/37/38 - 51/53, S: (2) - 26 - 61	Conc>=20%; Xi; R36/37/38	Eu								
1634-04-4	tert-Butyl methyl ether [MTBE; 2-Methoxy-2-methylpropane; Methyl-tert butyl ether]	F: R11 Xi; R38	F; Xi R: 11-38 S: (2) - 19-16-24	Conc>=20%; Xi; R38	Eu; A	Methyl-tert butyl ether	25	92	75	275			
1638-05-7	2,7,11-Trimethyl-13-(2,6,6-trimethylcyclohex-1-en-1-yl)tridecane	Xi; R48/22 R43 R 52-53	Xn R: 43-48/22-52/53 S: (2) - 22-36/37-61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu								
1663-39-4	tert-Butyl acrylate	F: R11 Xn; R20/21/22 Xi; R37/38 R43 N: R51-53	F; Xi; N R: 11-20/21/22-37/38-43-51/53 S: (2) - 16-25-37-61 Note: D	Conc>=25%; Xn; R20/21/22; R37/38; R43 >=20%Conc<25%; Xi; R37/38; R43 >=1%Conc<20%; Xi; R43	Eu								
1668-86-6	(4aR*,8aR*)-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3',2'-ef][2]benzazepin-6-one	Xn; R22 Xi; R36 R52-53	Xn R: 22-36-52/53 S: (2) - 22-26-61	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu								
1671-49-4	4-Mesyl-2-nitrotoluene	Repr. Cat. 3; R62 Xn; R22 R43 R52-53	Xn R: 22-43-62-52/53 S: (2) - 22-36/37-61	Conc>=25%; Xn; R62; R22; R43 >=5%Conc<25%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu								
1675-54-3	Bis[4-(2,3-epoxypropoxy)phenyl]propane	Xi; R36/38 R43	Xi; R: 36/38 - 43, S: (2) - 28 - 37/39	Conc>=5%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu								
1680-21-3	2,2'-(1,4-Ethylenedioxy)diethyl diacrylate [Triethylene glycol diacrylate]	Xi; R36/38 R43	Xi; R: 36/38 - 43, S: (2) - 26 - 28 ; Note: D	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu								
1689-83-4	loxynil (ISO) and its salts [4-Hydroxy-3,5-dibromobenzonitrile]	Repr. Cat. 3; R63 T; R23/25 Xn; R21-48/22 Xi; R36 N: R50-53	T; N R: 21-23/25-36-48/22-63-50/53 S: (1/2) - 36/37-45-60-61-63	Conc>=25%; T: R63; R23/25; R21; R48/22; R36 >=20%Conc<25%; Xn; R63; R20/22; R48/22; R36 >=10%Conc<20%; Xn; R63; R20/22; R48/22 >=5%Conc<10%; Xn; R63; R20/22 >=3%Conc<5%; Xn; R20/22	Eu								
1689-84-5	Bromoxynil (ISO) and its salts [3,5-Dibromo-4-hydroxybenzonitrile; Bromoxynil phenol]	Repr. Cat. 3; R63 T+; R26 T; R25 R43 N: R50-53	T+; N R: 25-26-43-63-50/53 S: (1/2) - 27/28-36/37-45-63-60-61	Conc>=25%; T+; R63; R26; R25; R43 >=7%Conc<25%; T+; R63; R26; R22; R43 >=5%Conc<7%; T: R63; R23; R22; R43 >=3%Conc<5%; T: R23; R22; R43 >=1%Conc<3%; T: R23; R43 >=0.1%Conc<1%; Xn; R20	Eu								
1689-99-2	Bromoxynil octanoate (ISO) [2,6-Dibromo-4-cyanophenyl octanoate]	Repr. Cat. 3; R63 T; R23 Xn; R22 R43 N: R50-53	T; N R: 22-23-43-63-50/53 S: (1/2) - 36/37-45-63-60-61	Conc>=25%; T: R63; R23; R22; R43 >=5%Conc<25%; Xn; R63; R20; R43 >=3%Conc<5%; Xn; R20; R43 >=1%Conc<3%; Xi; R43	Eu								
1694-09-3	Benzyl violet 4B [alpha-[4-(4-Dimethylamino-alpha-(4-ethyl(3-sodiumsulphonatobenzyl)aminophenyl)benzylidene)pyridine-2,5-diénylidene(ethyl)ammonio]toluene-3-sulphonate]	Carc. Cat. 3; R40	Xn ; R: 40 , S: (2) - 36/37	Conc>=1%; Xn; R40	Eu								
1694-82-2	cis-1,2,3,6-Tetrahydro-4-methylphthalic anhydride(Note: see also CAS No 3425-89-6; 5333-84-6; 11070-44-3; 26590-20-5; 34090-76-1 & 42498-58-80)	Xi; R41 Xn; R42/43	Xn ; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu								
1698-60-8	5-Amino-4-chloro-2-phenylpyridazine-3(2H)-one [Pyrazon; Chloridazon]	Xi; R43 N: R50-53	Xi; N ; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu								
1702-17-6	Clopyralid (ISO) [3,6-Dichloropyridine 2-carboxylic acid]	Xi; R41	Xi R: 41 S: (2) - 26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1717-00-6	1,1-Dichloro-1-fluoroethane	R52-53 N; R59	N R: 52/53 - 59 S: 59 - 61		Eu	-	-	-	-	-	-	-	-
1739-84-0	1,2-Dimethylimidazole	Xn; R22 Xi; R38-41	Xn; R: 22 - 38 - 41 , S: (2) - 24 - 26	Conc<=25%; Xn; R22: R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
1745-89-7	Phenol, 4,4'-(1-methylethylidene)bis[2-(2-propen-1-yl)]	C; R34	C R: 34	Conc<=10%; C; R34 >=5%Conc<10%; Xi; R36/38	N	-	-	-	-	-	-	-	-
1746-81-2	Monolinuron (ISO) [3-(4-Chlorophenyl)-1-methoxy-1-methylurea]	Xn; R22-48/22 N; R50-53	Xn; N R: 22 - 48/22 - 50/53 S: (2) - 22 - 60 - 61	Conc<=25%; Xn; R22: R48/22 >=10%Conc<25%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
1762-26-1	Plumbane, ethyltrimethyl-	Carc. Cat. 3; R40 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T+; R26/27/28 T; R48/23/25	T+ R: 61-26/27/28-40-48/23/25-62	Conc<=10%; T+; R40; R61; R62; R26/27/28; R48/23/25 >=7%Conc<10%; T+; R40; R61; R62; R26/27/28; R48/20/22 >=5%Conc<7%; T; R40; R61; R62; R23/24/25; R48/20/22 >=1%Conc<5%; T; R40; R61; R23/24/25; R48/20/22 >=0.5%Conc<1%; T; R61; R20/21/22 >=0.1%Conc<0.5%; X	N	-	-	-	-	-	-	-	-
1762-27-2	Plumbane, diethyldimethyl-	Carc. Cat. 3; R40 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T+; R26/27/28 T; R48/23/25	T+ R: 61-26/27/28-40-48/23/25-62	Conc<=10%; T+; R40; R61; R62; R26/27/28; R48/23/25 >=7%Conc<10%; T+; R40; R61; R62; R26/27/28; R48/20/22 >=5%Conc<7%; T; R40; R61; R62; R23/24/25; R48/20/22 >=1%Conc<5%; T; R40; R61; R23/24/25; R48/20/22 >=0.5%Conc<1%; T; R61; R20/21/22 >=0.1%Conc<0.5%; X	N	-	-	-	-	-	-	-	-
1762-28-3	Plumbane, triethylmethyl-	Carc. Cat. 3; R40 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T+; R26/27/28 T; R48/23/25	T+ R: 61-26/27/28-40-48/23/25-62	Conc<=10%; T+; R40; R61; R62; R26/27/28; R48/23/25 >=7%Conc<10%; T+; R40; R61; R62; R26/27/28; R48/20/22 >=5%Conc<7%; T; R40; R61; R62; R23/24/25; R48/20/22 >=1%Conc<5%; T; R40; R61; R23/24/25; R48/20/22 >=0.5%Conc<1%; T; R61; R20/21/22 >=0.1%Conc<0.5%; X	N	-	-	-	-	-	-	-	-
1823-59-2	4,4'-Oxydiphthalic anhydride	Carc. Cat. 3; R40 Repr. Cat. 2; R61 T; R48/25	T; N R: 61-20/22-40-48/25-64-51/53 S: 53-45-61 Note: E	Conc<=25%; T; R40; R61; R64; R20/22; R48/25 >=10%Conc<25%; T; R40; R61; R64; R48/25 >=1%Conc<10%; T; R40; R61; R64; R48/22 >=0.5%Conc<1%; T; R61 Conc<=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	
1836-75-5	Nitrofen (ISO) [2,4-Dichlorophenyl 4-nitrophenyl ether]	Carc. Cat. 2; R45 Repr. Cat. 2; R61 Xn; R22 N; R50-53	T; N; R: 45 - 61 - 22 - 50/53 S: 53 - 45 - 60 - 61; Note: E	Conc<=25%; T; R45; R61; R22 >=0.5%Conc<25%; T; R45; R61 >=0.1%Conc<0.5%; T; R45	Eu	-	-	-	-	-	-	-	-
1854-15-5	N-Dodecyl-4-methoxybenzamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
1862-07-3	6-Dimethylaminohexan-1-ol	Xn; R22 C; R34 R52-53	C; R: 22 - 34 - 52/53, S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc<=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
1873-90-1	3-Hexylheptamethyltrisiloxane	Xn; R20 R53	Xn R: 20-53 S: (2)-61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
1897-41-2	Tetrachloroterephthalonitrile [1,4-Dicyano-2,3,5,6-tetra-chloro-benzene]	Xi; R43 R50-53	Xi; R: 43 - 50/53 S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1897-45-6	Chlorothalonil (ISO) [Tetrachloroisophthalonitrile]	Carc. Cat. 3; R40 T+; R26 Xi; R37-41 R43 N; R50-53	T+; N R: 26-37-40-41-43-50/53 S: (1/2)-28-36/37/39-45-60-61	Conc>=20%; T+; R40; R26; R37; R41; R43 >=10%Conc<20%; T+; R40; R26; R41; R43 >=7%Conc<10%; T+; R40; R26; R36; R43 >=5%Conc<7%; T; R40; R23; R36; R43 >=1%Conc<5%; T; R40; R23; R43 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
1910-42-5	Paraquat dichloride [1,1-Dimethyl-4,4'-bipyridinium dichloride](Note: see also CAS No 2074-50-2)	T+; R26 T; R24/25-48/25 Xi; R36/37/38 N; R50-53	T+; N R: 24/25 - 26 - 36/37/38 - 48/25 - 50/53 S: (1/2) - 22 - 28 - 36/37/39 - 45 - 60 - 61	Conc>=20%; T+; R26; R21/22; R48/25 R36/37/38 >=10%Conc<20%; T+; R26; R21/22; R48/25 >=7%Conc<10%; T+; R26; R21/22; R48/22 >=3%Conc<7%; T; R23; R21/22; R48/22 >=1%Conc<3%; T; R23; R48/22 >=0.1%Conc<1%; Xn; R20	Eu	Paraquat (respirable sizes)	-	0.1	-	-	-	-	-
1912-24-9	Atrazine (ISO) [2-Chloro-4-ethylamine-6-isopropylamine-1,3,5-triazine]	Xn; R48/22 R43 N; R50-53	Xn; R48/22 R: 43 - 48/22 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu; A	Atrazine	-	5	-	-	-	-	-
1918-00-9	Dicamba (ISO) [2,5-Dichloro-6-methoxybenzoic acid; 3,6-Dichloro-2-methoxybenzoic acid]	Xn; R22 Xi; R41 R52-53	Xn R: 22 - 41 - 52/53 S: (2) - 26 - 61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
1918-02-1	Picloram	Xn; R22	Xn; R: 22 S: (2) - 36	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1918-13-4	Chlorthiamid (ISO) [2,6-Dichloro (thiobenzamide)]	Xn; R22 Xi; R36 R43 N; R50-53	Xn; R22 R: 22 - 36 - 43 - 50/53 S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn; R22; R36; R43 >=20%Conc<25%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
1918-18-9	Methyl 3,4-dichlorophenylcarbanilate [SWEPI]	Xn; R22	Xn; R: 22 S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1929-77-7	S-Propyl dipropylthiocarbamate [Vernolate]	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53 S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1929-82-4	Nitrapyrin (ISO) [Pyridine, 2-chloro-6-(trichloromethyl)-; 2-Chloro-6-trichloromethylpyridine]	Carc. Cat. 3; R40 Xn; R22 Xi; R36 N; R51-53	Xn; N R: 22-36-40-43-51/53 S: (2)-36/37-61	Conc>=25%; Xn; R22; R36; R40; R43 >=20%Conc<25%; Xn; R36; R40; R43 >=1%Conc<20%; Xn; R40; R43	N/Eur; A	Nitrapyrin	-	10	-	20	-	-	-
1929-88-0	Benzthiazuron (ISO) [1-Benzothiazol-2-yl-3-methylurea]	Xn; R22	Xn; R: 22 S: (2) - 24/25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
1937-37-7	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt [C.I. Direct Black 38]	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
1939-27-1	3'-Trifluoromethylisobutylanilide	Xn; R48/22 N; R51-53	Xn; N R: 48/22 - 51/53 S: (2)/22 - 36 - 61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
1939-36-2	Trimethylenediaminetetraacetic acid	Xn; R22 Xi; R41	Xn R: 22-41 S: (2)-22-26-39	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
1943-82-4	2-Phenethylisocyanate	T; R23 Xn; R22 C; R35 R42/43 N; R51-53	T; C; N; R: 22 - 23 - 35 - 42/43 - 51/53 S: (1/2) - 23 - 26 - 36/37/39 - 43 - 45 - 61	Conc>=25%; T; R23; R35; R22; R42/43 >=10%Conc<25%; C; R35; R20; R42/43 >=5%Conc<10%; C; R34; R20; R42/43 >=3%Conc<5%; Xn; R20; R36/38; R42/43 >=1%Conc<3%; Xn; R36/38; R42/43	Eu; A	isocyanates, all (as-NCO)	-	0.02	-	0.07	-	-	Sen

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Repr. Cat. 3; R62-63 Xi; R36/38 R42/43 R52-53	Xn R: 36/38-42/43-62-63-52/53 S: (1/2)-22-36/37-45-63-61	Conc>=20%; Xn; R62; R63; R36/38; R42/43 >=5%Conc<20%; Xn; R62; R63; R42/43 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
1951-97-9	Piperazine phosphate(Note: see also CAS No. 6094-40-2, 142-64-3)												
1982-69-0	Sodium 3,6-dichloro-o-anisate(Note: see also CAS No 25059-78-3 & 53404-28-7)	R52-53	R: 52/53, S: 61	T; N; R: 24/25 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Eu	-	-	-	-	-	-	-	-
2032-59-9	Aminocarb (ISO) [4-Dimethylamino-3-olyl methylcarbamate]	T: R24/25 N: R50-53		Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2032-65-7	Mercaptodimethur (ISO) [Methiocarb; 3,5-Dimethyl-4-methylthiophenyl N-methylcarbamate]	T: R25 N: R50-53	T; N; R: 25 - 50/53, S: (1/2) - 22 - 37 - 45 - 60 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2032-75-9	2,2-Dichloro-1,3-benzodioxol	R10 R14 C; R35 Xn; R22 R43	C R: 10-14-22-35-43 S: (1/2)-7/8-23-26-36/37/39-45	Conc>=25%; C; R35; R22; R43 >=10%Conc<25%; C; R35; R43 >=5%Conc<10%; C; R34; R43 >=1%Conc<5%; Xi; R36/38; R43	Eu	-	-	-	-	-	-	-	-
2040-90-6	o-Chlorostyrene	Muta. Cat.2; R46 Repr. Cat.3; R62 Xn; R22 C; R34 R43 N: R51-53	T; N; R: 25 - 36 - 43 - 50/53 S: (1/2) - 24 - 26 - 37 - 45 - 60 - 61	Conc>=25%; T; R46; R62; R34; R22; R43 >=10%Conc<25%; T; R46; R62; R34; R43 >=5%Conc<10%; T; R46; R62; R36/38; R43 >=1%Conc<5%; T; R46; R43 >=0.1%Conc<1%; T; R46	A	o-Chlorostyrene	50	283	75	425	-	-	-
2040-90-6	2-Chloro-6-fluoro-phenol	T: R25 Xi; R36 C; R34 R43 N: R51-53	T; N; R: 25 - 36 - 43 - 50/53 S: (1/2) - 24 - 26 - 37 - 45 - 60 - 61	Conc>=25%; T; R25; R36; R43 >=20%Conc<25%; Xn; R22; R36; R43 >=3%Conc<20%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2065-75-0	2-Bromomalonalddehyde	Xn; R22 Xi; R41	Xn R: 22-41 S: (2)-26-39	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
2074-50-2	Paraquat dimethylsulphate [1,1-Dimethyl-4,4'-bipyridinium dimethyl sulphate](Note: see also CAS No 1910-42-5)	T+: R26 T: R24/25-48/25 Xi; R36/37/38 N: R50-53	T+; N R: 24/25 - 26 - 36/37/38 - 48/25 - 50/53 S: (1/2) - 22 - 28 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T+: R26; R24/25; R48/25; R36/37/38 >=20%Conc<25%; T+: R26; R21/22; R48/25; R36/37/38 >=10%Conc<20%; T+: R26; R21/22; R48/25 >=7%Conc<10%; T+: R26; R21/22; R48/22 >=3%Conc<7%; T: R23; R21/22; R48/22 >=1%Conc<3%; T: R23; R48/22 >=0.1%Conc<1%; Xn; R20	Eu	Paraquat (respirable sizes)	0.1	-	-	-	-	-	-
2079-00-7	3-(3-Amino-5-(1-methylguanidino)-1-oxopentylamino-6-(4-amino-2-oxo-2,3-dihydro-pyrimidin-1-yl))-2,3-dihydro-(6H)-pyran-2-carboxylic acid [Blasticidin-S]	T+: R28	T+; R: 28, S: (1/2) - 24/25 - 36/37 - 45	Conc>=7%; T+: R28 >=1%Conc<7%; T: R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2094-99-7	2-(3-(Prop-1-en-2-yl)phenyl)prop-2-yl isocyanate	T+: R26 C; R34 Xn; R48/20 R42/43 N: R50/53.	T+; N; R: 26 - 34 - 42/43 - 48/20 - 50/53, S: (1/2) - 7 - 15 - 28 - 36/37/39 - 38 - 45 - 60 - 61 Xn; N; R: 21/22 - 36 - 48/22 - 50/53, S: (2) - 26 - 28 - 36/37/39 - 60 - 61; Note: C	Conc>=10%; T+: R26; R34; R42/43; R48/20 >=7%Conc<10%; T+: R26; R42/43; R36/38 >=5%Conc<7%; T: R23; R42/43; R36/38 >=1%Conc<5%; T: R23; R42/43 >=0.1%Conc<1%; Xn; R20	Eu; A	isocyanates, all (as-NCO)	0.02	-	0.07	-	-	Sen	-
2095-01-4	2,6-Diamino-3,5-diethyltoluene [4,6-Diethyl-2-methyl-1,3-benzenediamine](Note: see also CAS No 2095-02-5 & 68479-98-1)	Xn; R21/22 Xn; R48/22 Xi; R36 N: R50-53	Xn; N; R: 21/22 - 36 - 48/22 - 50/53, S: (2) - 26 - 28 - 36/37/39 - 60 - 61; Note: C	Conc>=25%; Xn; R21/22; R48/22; R36 >=20%Conc<25%; Xn; R48/22; R36 >=10%Conc<20%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
2095-02-5	2,4-Diamino-3,5-diethyltoluene [2,4-Diethyl-6-methyl-1,3-benzenediamine](Note: see also CAS No 2095-01-4 & 68479-98-1)	Xn; R21/22 Xn; R48/22 Xi; R36 N: R50-53	Xn; N; R: 21/22 - 36 - 48/22 - 50/53, S: (2) - 26 - 28 - 36/37/39 - 60 - 61; Note: C	Conc>=25%; Xn; R21/22; R48/22; R36 >=20%Conc<25%; Xn; R48/22; R36 >=10%Conc<20%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
2104-64-5	O-Ethyl O-4-nitrophenyl phenylphosphonothioate [EPN]	T+; R27/28 N; R50-53	T+; N; R: 27/28 - 50/53, S: (1/2) - 22 - 36/37 - 45 - 60 - 61 Xn; N	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu; A	EPN (h)	-	0.5	-	-	Sk	-
2104-96-3	Bromophos (ISO) [O-4-Bromo-2,5-dichlorophenyl O,O-dimethyl phosphorothioate]	Xn; R22 N; R50-53	R: 22-50/53 S: (2)-36,60-61 Xi; N; R: 43 - 51/53 S: (2)/24 - 37 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
2109-22-0	2-Cydohexylpropanal	R43 N; R51-53	Xi; N; R: 43 - 51/53 S: (2)/24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
2122-19-2	Propylenethiourea	Repr. Cat. 3; R63 Xn; R22 R52-53	Xn R: 22 - 52/53 - 63 S: (2) - 36/37 - 46 - 61 Xi; R: 10 - 36/37 S: (2) - 24; Note: C	Conc>=25%; Xn; R63; R22 >=5%Conc<25%; Xn; R63	Eu	-	-	-	-	-	-	-
2155-30-8	Methyl (+/-)-lactate(Note: see also CAS No 547-64-8 ; 17392-83-5 & 27871-49-4)	R10 Xi; R36/37	Xi; R: 10 - 36/37 S: (2) - 24; Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-
2163-79-3	Noruron (ISO) [1,1-Dimethyl-3-(perhydro-4,7-methanoinden-5-yl)urea]	Xn; R22	Xn; R: 22, S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
2179-59-1	Allyl propyl disulfide				A	Allyl propyl disulfide	2	12	3	18	-	-
2186-24-5	[(p-Tolyloxy)methyl]oxirane(Note: see also CAS No 2186-25-6; 2210-79-9 & 26447-14-3)	Muta. Cat. 3; R68 Xi; R38 R43 N; R51-53	Xn; N; R: 38 - 43 - 51/53 - 68, S: (2) - 36/37 - 61; Note: C	Conc>=20%;Xn; R68; R38; R43 >=1%Conc<20%; Xn; R68; R43	Eu	-	-	-	-	-	-	-
2186-25-6	[(m-Tolyloxy)methyl]oxirane(Note: see also CAS No 2186-24-5; 2210-79-9 & 26447-14-3)	Muta. Cat. 3; R68 Xi; R38 R43 N; R51-53	Xn; N; R: 38 - 43 - 51/53 - 68, S: (2) - 36/37 - 61; Note: C	Conc>=20%;Xn; R68; R38; R43 >=1%Conc<20%; Xn; R68; R43	Eu	-	-	-	-	-	-	-
2191-10-8	Octanoic acid, cadmium salt		T+ R: 45-46-60-61-21-25-26-48/23/25 Xn; R21	R: 45-46-60-61-21-25-26-48/23/25 Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	
2198-59-6	1,4-Benzenediamine, N-phenyl-, monohydrochloride	Xn; R22 R43	Xn R: 22-43	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	N	-	-	-	-	-	-	-
2210-79-9	2,3-Epoxypropyl o-tolyl ether(Note: see also CAS No 2186-24-5; 2186-25-6 & 26447-14-3)	Muta. Cat. 3; R68 Xi; R38 R43 N; R51-53	Xn; N; R: 38 - 43 - 51/53 - 68, S: (2) - 36/37 - 61; Note: C	Conc>=20%;Xn; R68; R38; R43 >=1%Conc<20%; Xn; R68; R43	Eu	-	-	-	-	-	-	-
2211-98-5	Benzenesulfonic acid, 4-dodecyl-, sodium salt	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-
2212-67-1	Molinate (ISO) [S-Ethyl 1-perhydroazepinecarboxithioate; S-Ethyl perhydroazepine-1-carboxithioate]	Carc. Cat3; R40 Repr. Cat3; R62 Xn; R20/22 Xn; R48/22 R43 N; R50-53	T; N R: 20/22-40-43-48/22-63-50/53 S: (2)-36/37-46-60-61	Conc>=25 %; Xn; R40; R62; R20/22; R48/22; R43 >=10%Conc<25%; Xn; R40; R62; R48/22; R43 >=5%Conc<10%; Xn; R40; R62; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-
2223-82-7	2,2-Dimethyltrimethylene diacrylate [Neopentyl glycol diacrylate]	T; R24 Xi; R36/38 R43	T; R: 24 - 36/38 - 43, S: (1/2) - 28 - 39 - 45; Note: D	Conc>=20%; T; R24; R36/38; R43 >=5%Conc<20%; T; R24; R43 >=1%Conc<5%; Xn; R21; R43 >=0.2%Conc<1%; Xn; R21	Eu	-	-	-	-	-	-	-
2223-93-0	Octadecanoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25 Xn; R21	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43		Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49	N	-	-	-	-	-	-	-	-
2223-95-2	Octadecanoic acid, nickel(2+) salt		T R: 49-61-20/22-38-42/43-48/23-68										
2234-13-1	Octachloronaphthalene				A	Octachloronaphthalene	-	0.1	-	0.3	-	Sk	-
2235-54-3	Sulfuric acid, monododecyl ester, ammonium salt	Xn; R21/22 Xi; R37/38-41	Xn R: 21/22-37/38-41	Conc>=25%; Xn; R21/22; R37/38; R41 >=20%Conc<25%; Xi; R37/38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R38	N	-	-	-	-	-	-	-	-
2238-07-5	Diglycidyl ether (DGE) [Bis(2,3-epoxypropyl) ether]				A	Diglycidyl ether (DGE)	0.1	0.53	-	-	-	-	-
2243-62-1	1,5-Naphthylenediamine [1,5-Naphthalenediamine]	Carc. Cat. 3; R40 N; R50-53	Xn; N; R: 40 - 50/53, . S: (2) - 36/37 - 60 - 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
		E; R2 O; R8 Xn; R22 Xi; R36/37 R31											
2244-21-5	Troclozene potassium [Dichloroisocyanuric acid, potassium salt of; Dichloro-1,3,5-triazinetriene, potassium salt](Note: see also CAS No. 2893-78-9)	N; R50-53	E; Xn; N R: 2-8-22-31-36/37-50/53 S: (2)-8-26-41-45-60-61	Conc>=10%; Xn; R22; R31; R36/37	Eu	-	-	-	-	-	-	-	-
2275-14-1	Phenkapton [S-(2,5-Dichlorophenylthiomethyl) O,O-diethyl phosphorodithioate]	T; R23/24/25 N; R50-53	T; N; R: 23/24/25 - 50/53, . S: (1/2) - 13 - 45 - 61	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
	Prothoate (ISO)												
2275-18-5	[O,O-Diethyl isopropylcarbamoylmethyl phosphorodithioate]	T+; R27/28 R52-53	T+ R: 27/28-52/53 S: (1/2)-28-36/37-45-61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2275-23-2	Vamidithion (ISO) [O,O-Dimethyl S-2-(1-methylcarbamoyl ethylthio) ethyl phosphorothioate]	T; R25 Xn; R21 N; R50	T; N; R: 21 - 25 - 50, S: (1/2) - 36/37 - 45 - 61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2300-66-5	3,6-Dichloro-o-anisic acid, compound with dimethylamine (1:1)(Note: see also CAS No 10007-85-9)	Xi; R36 R52-53	Xi; R36 - 52/53, S: (2) - 26 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
2303-16-4	Di-allate (ISO) [S-2,3-Dichloroallyl disopropylthiocarbamate]	Xn; R22 Carc. Cat. 3; R40 N; R50-53	Xn; N; R: 22 - 40 - 50/53, . S: (2) - 25 - 36/37 - 60 - 61	Conc>=25%; Xn; R40; R22 >=1%Conc<25%; Xn; R40	Eu	-	-	-	-	-	-	-	-
2303-17-5	Triallate (ISO) [S-2,3,3-Trichloroallyl disopropylthiocarbamate]	Xn; R22-48/22 R43 N; R50-53	Xn; N; R: 22 - 43 - 48/22 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn; R22; R48/22; R43 >=10%Conc<25%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2310-17-0	Phosalone (ISO) [S-(6-Chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate]	T; R25 Xn; R20/21 R43 N; R50-53	T; N R: 20/21-25-43-50/53 S: (1/2)-36/37-45-60-61	Conc>=25%; T; R25; R20/21; R43 >=3%Conc<25%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2312-35-8	Propargile (ISO) [2-(4-tert-Butylphenoxy) cyclohexyl prop-2-ynyl sulphite]	Carc. Cat.3; R40 T; R23 Xi; R38-41 N; R50-53	T; N R: 23-38-40-41-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; T; R40; R23; R38; R41 >=20%Conc<25%; Xn; R40; R20; R38; R41 >=10%Conc<20%; Xn; R40; R20; R41 >=5%Conc<10%; Xn; R40; R20; R36 >=3%Conc<5%; Xn; R40; R20 >=1%Conc<3%; Xn; R40	Eu	-	-	-	-	-	-	-	-
2312-76-7	DNOC, sodium salt of [Sodium 4,6-dinitro-o-cresolate](Note: see also CAS No 5787-96-2)	T; R23/24/25 R33 N; R50-53	T; N R: 23/24/25 - 33 - 50/53 S: (1/2) - 13 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
2314-97-8	Trifluoriodomethane [Trifluoromethyl iodide]	Muta. Cat. 3; R68	Xn; R: 68 S: (2)36/37	Conc>=1%; Xn; R68	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
2372-82-9	N-Bis(3 aminopropyl) dodecylamine	Xn: R22 C; R35	C ; R: 22 - 35	Conc>=25%: C; R35; R22 >=10%Conc<25%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xn; R36/38	V	-	-	-	-	-	-	-	-
2380-86-1	6-Hydroxyindole	Xn: R22 Xi: R41 R43 N; R51-53	Xn: N R: 22-41-43-51/53 S: (2-)24-26-37/39-61	Conc>=25%: Xn; R22; R41; R43 >=10%Conc<25%: Xi; R41; R43 >=5%Conc<10%: Xi; R36; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
2385-85-5	Mirex [Dodecachloropentacyclo[5.2.1.0(2,6).0(3,9).0(5,8)]decane]	Carc. Cat. 3; R40 Repr. Cat. 3; R62 Repr. Cat. 3; R63 R64 Xn: R21/22 N; R50-53	Xn: N; R: 21/22 - 40 - 62 - 63 - 64 - 50/53 , S: (2) - 13 - 36/37 - 46 - 60 - 61	Conc>=25%: Xn; R40; R62; R63; R21/22; R64 >=5%Conc<25%: Xn; R40; R62; R63; R64 >=1%Conc<5%: Xn; R40; R64	Eu	-	-	-	-	-	-	-	-
2407-94-5	1,1'-Dioxibiscyclohexan-1-ol(Notes: see also CAS No 78-18-2, 2689-11-8 & 12262-58-7)	E; R3 O; R7 C; R34 Xn: R22	E; C R: 3-7-22-34 S: (1/2-3/7-14-36/37/39-45 Note: C	Conc>=25%: C; R34; R22; >=10%Conc<25%: C; R34 >=5%Conc<10%: Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
2420-98-6	Hexanoic acid, 2-ethyl-, cadmium salt	Xn: R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%: T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%: T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%: T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%: T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%: T; R45;	N	-	-	-	-	-	-	-	-
2421-28-5	Benzophenone-3,3',4,4'-tetracarboxylic dianhydride [4,4'-Carbonyldip(hthalic anhydride)]	Xi: R36/37	Xi ; R: 36/37 , S: (2) - 25	Conc>=1%: Xi; R36/37	Eu	-	-	-	-	-	-	-	-
2425-06-1	Captafol (ISO) [1,1,2,3,6-Tetrahydro-N-(1,1,2,2-tetrachloroethylthio)phthalimide]	Carc. Cat. 2; R45 Xi: R43 N; R50-53	T ; N ; R: 45 - 43 - 50/53, S: 53 - 45 - 60 - 61	Conc>=1%: T; R45; R43 >=0.1%Conc<1%: T; R45	Eu; A	Captafol	-	0.1	-	-	-	Sk	-
2425-10-7	Xylylcarb (ISO) [3,4-Xylyl methylcarbamate, 3,4-Dimethylphenyl N-methylcarbamate; MPMC]	Xn: R22 N; R50-53	Xn: N ; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
2425-79-8	1,4-Bis(2,3-epoxypropoxy)butane [Butanedioldiglycidyl ether]	Xn: R20/21 Xi: R36/38 R43	Xn ; R: 20/21 - 36/38 - 43 , S: (2) - 26 - 28 - 37/39	Conc>=25%: Xn; R20/21; R36/38; R43 >=20%Conc<25%: Xi; R36/38; R43 >=1%Conc<20%: Xi; R43	Eu	-	-	-	-	-	-	-	-
2426-02-0	3,4,5,6-Tetrahydrophthalic anhydride(Notes: see also CAS No 85-43-8, 935-79-5 & 26266-63-7)	Xi: R41 Xn: R42/43 R51-53	Xn ; R: 41 - 42/43 - 51/53 , S: (2) - 22 - 24 - 26 - 37/39 - 61; Note: C	Conc>=10%: Xn; R42/43; R41 >=5%Conc<10%: Xn; R42/43; R36 >=1%Conc<5%: Xn; R42/43	Eu	-	-	-	-	-	-	-	-
2426-08-6	Butyl 2,3-epoxypropyl ether [n-Butyl glycidyl ether (BGE)]	R10 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn: R20/22 Xi: R37 R43 R52-53	Xn R: 10 - 20/22 - 37 - 40 - 43 - 52/53 - 68 S: (2) - 24/25 - 36/37 - 61	Conc>=25%: Xn; R40; R68; R20/22; R37; R43 >=20%Conc<25%: Xn; R40; R68; R37; R43 >=1%Conc<20%: Xn; R40; R68; R43	Eu; A	n-Butyl glycidyl ether (BGE)	25	133	-	-	-	Sen	-
2429-73-4	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]]1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%: T; R45; R63 >=0.1%Conc<5%: T; R45	N	-	-	-	-	-	-	-	-
2429-82-5	Benzoic acid, 5-[[4'-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]]1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%: T; R45; R63 >=0.1%Conc<5%: T; R45	N	-	-	-	-	-	-	-	-
2431-50-7	2,3,4-Trichlorobut-1-ene [1-Butene, 2,3,4-trichloro]	Carc. Cat. 3; R40 T; R23 Xn: R22 Xi: R36/37/38 N; R50-53	T; N R: 22-23-36/37/38-40-50/53 S: (1/2-36/37-45-60-61	Conc>=25%: T; R40; R23; R22; R36/37/38 >=20%Conc<25%: Xn; R40; R20; R36/37/38 >=3%Conc<20%: Xn; R40; R20 >=0.1%Conc<3%: Xn; R40	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
2439-01-2	6-Methyl-1,3-dithiol(4,5-b)quinoxalin-2-one [Quinomethionate; Chinomethionat (ISO)]	Repr. Cat. 3; R62 Xn; R20/21/22-48/22 Xi; R36 Xi; R43 N; R50-53	Xn : N : R: 20/21/22 - 36 - 43 - 48/22 - 50/53 - 62, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn; R62; R20/21/22; R48/22; R36; R43	Eu								
				>=20%Conc<25%; Xn; R62; R48/22; R36; R43									
				>=10%Conc<20%; Xn; R62; R48/22; R43									
				>=5%Conc<10%; Xn; R62; R43 >=1%Conc<5%; Xi; R43									
2439-10-3	Dodine (ISO) [Dodecylguanidium acetate]	Xn; R22 Xi; R36/38 N; R50-53	Xn; N : R: 22 - 36/38 - 50/53, S: (2) - 26 - 60 - 61	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu								
2439-99-8	Glyphosine (ISO) [N,N-Bis(phosphonomethyl)glycine] Xi; R41		Xi; R: 41, S: (2) - 26	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu								
2451-62-9	2,4,6(1H,3H,5H)-trione]	Muta. Cat. 2; R46 T; R23/25 Xn; R48/22 Xi; R41 R42/43 R52-53	T : R: 46 - 23/25 - 41 - 42/43 -48/22 - 52/53, S: 22 - 24/25 - 26 - 28 - 36/37/39 - 38 - 45 - 53 - 61; Note; E	Conc>=25%; T; R46; R23/25; R48/22; R41; R42/R43; >=10%Conc<25%; T; R46; R20/22; R48/22; R41; R42/R43 >=5%Conc<10%; T; R46; R20/22; R36; R42/43 >=3%Conc<5%; T; R46; R20/22; R42/43; >=1%Conc<3%; T; R46; R42/43 >=0.1%Conc<1%; T; R46	Eu/N; A	Triglycidylisocyanu rate (TGIC)	0.08					Sen	
				Conc>=20%; T; R46; R38; R41; R43 >=10%Conc<20%; T; R45; R41; R43 >=5%Conc<10%; T; R45; R36; R43 >=1%Conc<5%; T; R45; R43 >=0.1%Conc<1%; T; R45									
				Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu								
				Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu								
2475-45-8	C.I. Disperse Blue 1 [1,4,5,8-Tetraaminoanthraquinone]	Carc. Cat. 2; R45 Xi; R38-41 R43	T ; R: 45 - 38 - 41 - 43, S: 53 - 45	Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu								
2487-01-6	Medinoterb acetate (ISO) [6-ter-Butyl-3-methyl-2,4-dinitrophenyl acetate]	T; R25 Xn; R21	T ; R: 21 - 25, S: (1/2) - 36/37 - 45	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu								
2497-07-6	Oxydisulfoton [O O-Diethyl S[2-(ethylsulphiny)ethyl] phosphorodithioate]	T+; R28 T; R24 N; R50-53	T+; N R: 24-28-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu								
2499-95-8	Hexyl acrylate	Xi; R36/37/38 R43 N; R51-53	Xi; N ; R: 36/37/38 - 43 - 51/53 S: (2) - 24 - 26 - 37 - 61	Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43	Eu								
2511-00-4	Ethyl 2-cyclohexylpropionate	N; R51-53	N ; R: 51/53 S: 61	Conc>=20%; Xi; R38	Eu								
2514-53-6	Ethylene bis(trichloroacetate)	Xi; R38	Xi ; R: 38 , S: (2)	Conc>=20%; Xi; R38	Eu								
2527-66-4	1,2-Benzisothiazol-3(2H)-one, 2-methyl-	T; R25 Xn; R21 C; R34 R43	T R: 21-25-34-43	Conc>=25%; T; R25; R34; R21; R43 >=10%Conc<25%; C; R34; R22; R43 >=5%Conc<10%; Xn; R22; R36/38; R43 >=3%Conc<5%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	N								
2528-36-1	Dibutyl phenyl phosphate			Conc>=25%; T; R23/24/25 S: (1/2) - 13 - 45	A	Dibutyl phenyl phosphate	0.3	3.5				Sk	
2532-43-6	3-Methylpyrazol-5-yl-dimethylcarbamate [Monomellian]	T; R23/24/25	T ; R: 23/24/25 , S: (1/2) - 13 - 45	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu								
2536-05-2	Benzene, 1,1'-methylenebis[2'-isocyanato-1,2,2'-Methylenediphenyl diisocyanate; Diphenylmethane-2,2'-diisocyanate]	Carc. Cat. 3; R40 T; R23-R48/23 Xi; R36/37/38 R42/43	T R: 23-36/37/38-40-42/43-48/23	Conc>=25%; T; R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T; R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T; R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn; R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn; R40; R48/20; R42/43	N/Eu; A	Isocyanates, all (as-NCO)	0.02		0.07			Sen	
2540-82-1	Formothion (ISO) [N-Formyl-N-methylcarbamoylmethyl O,O-dimethyl phosphorodithioate]	Xn; R21/22	Xn; R: 21/22 , S: (2) - 36/37	Conc>=25%; Xn; R21/22	Eu								
2550-52-9	Cyclohexadecanone	R53	R: 53 S: 61	Conc>=25%; Xn; R21/22	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
2551-62-4	Sulphur hexafluoride [Sulfur hexafluoride]				A	Sulphur hexafluoride	1000	5970	-	-	-	-	-
2587-90-8	Demephion-S (ISO) [O,O-Dimethyl S-2-methylthioethyl phosphorothioate]	T+; R28 T; R24	T+; R: 24 - 28 , S: (1/2) - 28 - 36/37 - 45	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2592-95-2	1-Hydroxybenzotriazole, anhydrous(Note: see also CAS No. 123333-53-9)	E; R2	E R: 2 S: 16-35		Eu	-	-	-	-	-	-	-	-
2593-15-9	5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole [Etridiazole]	Carc. Cat. 3; R40 T; R23 Xn; R21/22 N; R50-53	T; N; R: 21/22 - 23 - 40 - 50/53, S: (1/2) - 36/37 - 38 - 45 - 60 - 61	Conc>=25%; T; R40; R23; R21/22 >=3%Conc<25%; Xn; R40; R20 >=1%Conc<3%; Xn; R40	Eu	-	-	-	-	-	-	-	-
2595-54-2	Mecarbam (ISO) [N-Ethoxycarbonyl-N-methylcarbamoylmethyl O,O-diethyl phosphorodithioate]	T; R24/25 N; R50-53	T; N; R: 24/25 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2597-03-7	Phenthoate (ISO)		Xn; N										
2597-03-7	[Ethyl 2-(dimethoxyphosphinothioylthio)-2-phenylacetate]	Xn; R21/22 N; R50-53	R: 21/22-50/53 S: (2-22-36/37-60-61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2602-46-2	2,7-Naphthalenedisulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt [C.I. Direct Blue 6]	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
2605-44-9	Dodecanoic acid, cadmium salt			Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
2631-37-0	Promecarb (ISO) [5-Isopropyl-3-tolyl methylcarbamate; 3-Isopropyl-5-methylphenyl-N-methylcarbamate]	T; R25 N; R50-53	T; N; R: 25 - 50/53, S: (1/2) - 24 - 37 - 45 - 60 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2631-40-5	Isoprocارب (ISO) [o-Cumenyl methylcarbamate; 2-Isopropylphenyl N-methylcarbamate]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2633-67-2	Styrene-4-sulfonyl chloride	Xi; R38-41 R43	Xi; R: 38 - 41 - 43 , S: (2) - 24 - 26 - 37/39	Conc>=20%; Xi; R41; R38; R43 >=10%Conc<20%; Xi; R43; R41 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2634-33-5	1,2-Benzisothiazol-3(2H)-one [1,2-Benzisothiazolin-3-one]	Xn; R22 Xi; R38-41 R43 N; R50	Xn; N R: 22-38-41-43-50 S: (2-24-26-37/39-61	Conc>=25%; Xn; N; R22; R38; R41;R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=0.05%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2635-50-9	S-[2-(Isopropylsulphiny)ethyl] O,O-dimethyl phosphorothioate	T; R23/24/25	T; R: 23/24/25 , S: (1/2) - 13 - 45	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
2636-26-2	Cyanophos (ISO) [O-4-Cyanophenyl O,O-dimethyl phosphorothioate]	Xn; R21/22 N; R50-53	Xn; N; R: 21/22 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2642-71-9	Azinphos-ethyl (ISO) [O,O-Diethyl 4-oxobenzotriazin-3-ylmethyl phosphordithioate]	T+; R28 T; R24 N; R50-53	T+; N R: 24-28-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2655-14-3	XMC [3,5-Xylol methylcarbamate]	Xn; R22	Xn; R: 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
2687-94-7	1-Octyl-2-pyrrolidone [N-(n-octyl-2-pyrrolidinone)]	C; R34; N; R51-53	C; R: 34 - 51/53, S: (1/2) - 23 - 26 - 36/37/39 - 45 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
2687-96-9	1-Dodecyl-2-pyrrolidone	C; R34 R43 N; R50-53	C; N; R: 34 - 43 - 50/53, S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
2698-41-1	o-Chlorobenzylidene malonitrile				A	o-Chlorobenzylidene malonitrile	0.05 Peak limitation	0.39 Peak limitation	-	-	-	Sk	-
2699-11-8	Cyclohexylidene hydroperoxide(Note: see also CAS No. 78-18-2, 2407-94-5 & 12262-58-7)	E; R3 O; R7 C; R34 Xn; R22	E; C R: 3-7-22-34 S: (1/2-3/7-14-36/37/39-45 Note: C	Conc>=25%; C; R34; R22; >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
2699-79-8	Sulphuryl difluoride	T; R23 Xn; R48/20 N; R50	T; N R: 23-48/20-50 S: (1/2-14/5-63-60-61	Conc>=25%; T; R23; R48/20 >=10%Conc<25%; Xn; R20; R48/20 >=3%Conc<10%; Xn; R20	Eu; A	Sulphuryl fluoride	5	21	10	42	-	-	-
2703-37-9	S-[2-(Ethylsulphinyl)ethyl] O,O-dimethyl phosphorodithioate	T+; R26/27/28 N; R51-53	T+; N R: 26/27/28-51/53 S: (1/2-11/3-28-45-61	Conc>=7%; T+; R26/27/28 >=1%Conc<7%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
2746-19-2	(1alpha,2alpha,3beta,6beta)-1,2,3,6-Tetrahydro-3,6-methanophthalic anhydride [cis-exo-Himic anhydride](Note: see also CAS No 129-64-6 & 826-62-0)	Xi; R41 Xn; R42/43	Xn; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
2761-09-3	3-Hydroxypropyl methacrylate(Note: see also CAS No 923-26-2)	Xi; R36 R43	Xi; R: 36 - 43, S: (2) - 24/25 - 26 - 37/39; Notes: C; D	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2764-72-9	Diquat ion [9,10-Dihydro-8a,10a-diazonaphenanthrene ion]	T; R24/25 Xi; R36/37/38 N; R50-53	T; R: 24/25 - 36/37/38, S: (1/2) - 22 - 36/37/39 - 45 T; R: 24/25 - S: (1/2) - 36/37 - 45	Conc>=25%; T; R24/25; R36/37/38 >=20%Conc<25%; Xn; R21/22; R36/37/38 >=3%Conc<20%; Xn; R21/22 Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2778-04-3	Endothion (ISO) [S-5-Methoxy-4-oxopyran-2-yl)methyl dimethyl phosphorothoate]	T; R24/25 O; R8 Xn; R22 R31	T; R: 24/25 - 36/37/38, S: (1/2) - 22 - 36/37/39 - 45 T; R: 24/25 - S: (1/2) - 36/37 - 45	Conc>=25%; T; R24/25; R36/37/38 >=20%Conc<25%; Xn; R21/22; R36/37/38 >=3%Conc<20%; Xn; R21/22 Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
2782-57-2	Dichloroisocyanuric acid [Dichloro-1,3,5-triazinetrione]	Xi; R36/37 N; R50-53	O; Xn; N; R: 8 - 22 - 31 - 36/37 - 50/53, S: (2) - 8 - 26 - 41 - 60 - 61	Conc>=25%; Xn; R22; R36/37; R31 >=20%Conc<25%; Xi; R36/37; R31	Eu	-	-	-	-	-	-	-	-
2788-74-1	4-Ethylamino-3-nitrobenzoic acid	Xn; R22 R43 R 52-53	Xn R: 22-43-52/53 S: (2-12)-24-37-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2795-39-3	Potassium perfluorooctanesulfonate [Potassium heptadecafluorooctane-1-sulfonate](Note: see also CAS No. 1763-23-1, 70225-14-8, 29081-56-9, 29457-72-5)	Carc. Cat. 3; R40 Repr. Cat. 2; R61 T; R48/25 Xn; R20/22 N; R51-53	T; N R: 61-20/22-40-48/25-64- 51/53 S: 53-45-61 Note: E	Conc>=25%; T; R40; R61; R64; R20/22; R48/25 >=10%Conc<25%; T; R40; R61; R64; R48/25 >=1%Conc<10%; T; R40; R61; R64; R48/22 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
2807-30-9	2-(Propyloxy)ethanol [EGPE]	Xn; R21 Xi; R36	Xn R: 21-36 S: (2-12)-36/37-46	Conc>=25%; Xn; R21; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
2809-21-4	Phosphonic acid, (1-hydroxyethylidene)bis-	Xn; R22 Xi; R41	Xn R: 22-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
2810-74-4	N,N'-Dimethylbenzidine	Xn; R20/21/22	Xn; R: 20/21/22 - 36	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
2820-37-3	3,4-Dimethyl-1H-pyrazole	Xn; R22 Xi; R41 R52-53	Xn R: 22-41-52/53 S: (2-12)-36-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
2832-40-8	C.I. Disperse Yellow 3 [N-[4-[(2-Hydroxy-5-methylphenyl)azo]phenyl]acetamide]	Carc. Cat. 3; R40 R43	Xn; R: 40 - 43 S: (2/22) - 36/37 - 46	Conc>=1%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
2833-30-9	5-Ethoxy-5H-furan-2-one	C; R34 Xn; R21/22-48/22 R43	C R: 21/22-34-43-48/22 S: (1/2-12/3-26-36/37/39-45 T; R: 23/24/25 - S: (1/2) - 28 - 45 ; Note: C	Conc>=25%; C; R34; R21/22; R48/22; R43 >=10%Conc<25%; C; R34; R48/22; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2836-04-6	3-Amino-N,N-dimethylaniline [N,N-Dimethylbenzene-1,3-diamine](Note: see also CAS No 99-98-9)	T; R23/24/25	T; R: 23/24/25 - S: (1/2) - 28 - 45 ; Note: C	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
2840-00-8	3,5-Dichloro-2,6-difluoropyridine-4-amine	Xn; R21/22 N; R51-53	Xn; N; R: 21/22 - 51/53 S: (2/36/37 - 61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
2844-92-0	Dipicrylamine, ammonium salt [Benzenamine, 2,4,6-trinitro-N-(2,4,6-trinitrophenyl), ammonium salt]	E; R3	E; T+; N	Conc>=7%; T+; R26/27/28; R33 S: (1/2)-27/28-36/37-45-61-63	Eu	-	-	-	-	-	-	-	-
		T+; R26/27/28 R33 N; R51-53	R: 3-26/27/28-33-51/53 S: (1/2)-27/28-36/37-45-61-63										
2847-16-7	Decanoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
		Xn; R21/22 C; R34	C										
2855-13-2	3-Aminomethyl-3,5,5-trimethyloxyobexylamine [Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl]	R43 R52-53	R: 21/22-34-43-52/53 S: (1/2)-26-36/37/39-45-61	Conc>=25%; C; R34; R21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R21/22 Xi; R36/38 R43	Xn; R: 21/22 - 36/38 - 43 , S: (2) - 26 - 28 ; Note: D										
2867-47-2	2-Dimethylaminoethyl methacrylate	E; R2 O; R8 Xn; R22	E; Xn; N R: 2-8-22-31-36/37-50/53 S: (2)-8-26-41-45-60-61	Conc>=25%; Xn; R21/22; R36/38; R43 >=10%Conc<25%; Xi; R36/38; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Troscosene sodium [Dichloroisocyanuric acid, sodium salt of; Dichloro-1,3,5-triazinetriene, sodium salt of][Note: see also CAS No. 2244-21-5]											
2893-78-9	2-Hydroxy-1-methylethyl acrylate [Hydroxypropyl acrylate][Note: see also CAS No 999-61-1 & 25584-83-2]	T; R23/24/25 C; R34 R43	T; R: 23/24/25 - 34 - 43, S: (1/2) - 26 - 36/37/39 - 45; Notes: C; D	Conc>=10%; T; R23/24/25; R34; R43 >=5%Conc<10%; T; R23/24/25; R36/38; R43 >=2%Conc<5%; T; R23/24/25; R43 >=0.2%Conc<2%; Xn; R20/21/22; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R21/22 R: 25-50/53 S: (1/2)-45-60-61	T; N										
2921-88-2	Chlorpyrifos (ISO) [O,O-Diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate]	T; R25 N; R50-53	R: 25-50/53 S: (1/2)-45-60-61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu; A	Chlorpyrifos	-	0.2	-	-	-	Sk	-
		Clopidol											
2971-90-6	2-Bromo-5-hydroxy-4-methoxybenzaldehyde	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
2973-59-3	DNOC, ammonium salt of [Ammonium dinitro-o-cresolate; Ammonium 4,6-dinitro-o-tolyl oxide]	T+; R26/27/28 R33 N; R50-53	T+; N R: 26/27/28 - 33 - 50/53 S: (1/2) - 13 - 28 - 45 - 60 - 61	Conc>=7%; T+; R26/27/28; R33 >=1%Conc<7%; T; R23/24/25; R33 >=0.1%Conc<1%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
		Xn; R22 R43	Xn; R: 22 - 43 S: (2)/24 - 37										
2997-92-4	2,2'-Azobis[2-methylpropionamidine] dhydrochloride	Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
3026-22-0	Benzoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
3030-47-5	Bis[2-dimethylaminoethyl](methy)amine	T; R24 Xn; R22 C; R34	T; R: 22 - 24 - 34 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; T; R24; R34; R22 >=10%Conc<25%; C; R34; R21 >=5%Conc<10%; Xn; R21; R36/38 >=3%Conc<5%; Xn; R21	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
3033-77-0	2,3-Epoxypropyltrimethylammonium chloride ... % [Glycidyl trimethylammonium chloride ... %]	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 Xn; R21/22-48/22 Xi; R41 R43 R52-53	T R: 45-21/22-41-43-48/22-62-62- R41; R43 68-52/53 S: 53-45-61 Notes: B ; E	Conc>=25%; T; R45; R62; R68; R21/22; R48/22; R41; R43 >=10%Conc<25%; T; R45; R62; R68; R48/22;	Eu								
				>=5%Conc<10%; T; R45; R62; R68; R36; R43 >=1%Conc<5%; T; R45; R68; R43 >=0.1%Conc<1%; T; R45									
3066-71-5	Cyclohexyl acrylate	Xi; R37/38 N; R51-53	Xi; N R: 37/38-51/53 S: (2-6)1; Note: D	Conc>=10%; Xi; R37/38	Eu								-
3088-31-1	Ethanol, 2-[2-(dodecyloxy)ethoxy]-, hydrogen sulfate, sodium salt	Xn; R22 Xi; R36/38	Xn R: 22-36/38	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	N								-
3091-32-5	Chlorotricyclohexylstanne (Note: see also CAS No. 1449-55-4 and 7067-44-9)	Xn; R20/21/22 N; R50-53	Xn; N R: 20/21/22-50/53 S: (2-26-28-50-61; Note: A N ; R: 50/53; S: 60 - 61	Conc>=1%; Xn; R20/21/22	Eu; A	Tin, organic compounds (as Sn)	0.1		0.2		-	Sk	-
3100-36-5	Mixture of cis- and trans-cyclohexadec-8-en-1-one	N; R50-53	Xn; R: 20/22 , S: (2) - 15 - 41	Conc>=10%; Xn; R20/22	Eu								-
3129-91-7	Dicyclohexylammonium nitrite	Xn; R20/22 Xn; R22 Xi; R41 N; R51-53	Xn; N R: 22 - 41 - 51/53 S: (2)22 - 26 - 36/37/39 - 61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu								-
3131-52-0	5,6-Dihydroxyindole	N; R51-53	R: 53 S: 61		Eu								-
3147-77-1	2-(2-Hydroxy-4-octyloxyphenyl)-2H-benzotriazole	R53			Eu								-
3165-93-3	4-Chloro-o-tolidine hydrochloride (Note: see also T: R23/24/25 CAS No. 95-69-2)	Carc.Cat.2; R45 Muta.Cat.3; R68 Repr. Cat.3; R62 N; R50-53	T; N R: 45-23/24/25-68-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T; R45; R68; R23/24/25 >=3%Conc<25%; T; R45; R68; R20/21/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	Eu								-
3173-72-6	1,5-Naphthylene diisocyanate	Xn; R20 Xi; R36/37/38 R42 R52-53	Xn ; R: 20 - 36/37/38 - 42 - 52/53; S: (2) - 26 - 38 - 45 - 61	Conc>=25%; Xn; R20; R42; R36/37/38 >=20%Conc<25%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu; A	Isocyanates, all (as-NCO)	0.02		0.07		-	Sen	-
3194-55-6	Cyclododecane, hexabromo[(Note: see also CAS No 25637-99-4)	Repr. Cat. 3; R63 R64 Xi; R36-38 N; R50-53	R: 63-64 S: 22-53-60-61 Xi ; N ; R: 36/38 - 50/53 S: (2)26 - 37 - 60 - 61	Conc>=5%; Xn; R63; R64 >=1%Conc<5%; Xn; R64 Conc>=20%; Xi; R36/38	Eu/N								-
3236-71-3	9,9-Bis(4-hydroxyphenyl)fluorene	Xn; R21/22 N; R50-53	Xn ; N ; R: 21/22 - 50/53; S: (2) - 36/37 - 60 - 61	Conc>=25%; Xi; R21/22	Eu								-
3244-90-4	O,O,O',O'-Tetrapropyl dithiopyrophosphate	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	Xi R: 41 S: (2-22-26-39 T+ ; R: 27/28 , S: (1)2 - 28 - 36/37 - 45 Xn R: 40-52/53 S: 36/37-61 Note: B	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36 Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu							-	
3249-61-4	Dodecanoic acid, lead salt			Conc>=10%; Xi; R41 >=5%Conc<1%; T; R61	N								-
3260-74-6	3-(2H-Tetrazol-5-yl)pyridine	Xi; R41		Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu								-
3264-63-5	Dimethyl 4-(methylthio)phenyl phosphate	T+; R27/28		Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu								-
3327-22-8	(3-Chloro-2-hydroxypropyl) trimethylammonium chloride ... %	Carc. Cat. 3; R40 R52-53		Conc>=1%; Xn; R40	Eu								-
3333-52-6	Tetramethyl succinonitrile			Conc>=1%; Xn; R40	A	Tetramethyl succinonitrile	0.5	2.8			-	Sk	-
3333-67-3	Nickel carbonate			Conc>=25%; Xn; R40; R22; R43 >=1%Conc<25%; Xn; R40; R43	Eu								-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
3347-22-6	Dithianon (ISO) [5,10-Dihydro-5,10-dioxonaphtho(2,3- b)(1,4)ythiazine-2,3-dicarbonitrile]	N; R50-53	Xn ; N ; R: 22 - 50/53, S: (2) - 24 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43		Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 R: 49-61-20/22-38-42/43-48/23-68 Xi; R: 43 S: (2)24 - 37	N	-	-	-	-	-	-	-	
3349-06-2	Formic acid, nickel(2+) salt	R43	T R: 49-61-20/22-38-42/43-48/23-68 Xi; R38 R42/43	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
3353-51-3	1-(p-Methoxyphenyl) acetaldehyde oxime	R43	Xi; N R: 41-50/53 S: (2)-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
3380-30-1	5-Chloro-2-(4-chlorophenoxy)phenol	T; R23 Xi; R36/37/38 N; R50-53	T; N R: 23-36/37/38-50/53 S: 22-26-37-38-39-45-60	Conc>=25%; T; R23; R36/37/38 >=20%Conc<25%; Xn; R20; R36/37/38 >=3%Conc<20%; Xn; R20	N/Eu	-	-	-	-	-	-	-	-
3383-96-8	Temephos				A	Temephos	-	10	-	-	-	-	-
	1,2,3,6-Tetrahydro-4-methylphthalic anhydride(Notes: see also CAS No 1694-82-2; 5333-84-6; 11070-44-3; 26590-20-5; 34090-76-1 & 42498-58-80)	Xi; R41 N; R50-53 Xn; R42/43	Xn ; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
3425-89-6		O; R7 Xi; R38 N; R51-53	O ; Xi ; N ; R: 7 - 38 - 51/53, S: (2) - 3/7 - 14 - 36/37/39 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
3457-61-2	tert-Butyl alpha alpha-dimethylbenzyl peroxide [tert-Butyl cumyl peroxide]	R10	R: 10 S: (2)9 - 24		Eu	-	-	-	-	-	-	-	-
3459-83-4	1,3-Diethoxypropane	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2)-23-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
3508-98-3	2-Phenylhexanenitrile	Xi; R36/38 R43	Xi; R: 36/38 - 43 , S: (2) - 39 ; Note: D	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
3524-68-3	Pentaerythritol triacrylate	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
3530-19-6	1,3-Naphthalenedisulfonic acid, 8-[[4'-[4-ethoxyphenyl]azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt	T+; R26/28 Xn; R21 R32 R33 N; R51-53	T+; N R: 21-26/28-32-33-51/53 S: (1/2-1)3-28-36/37-45-61	Conc>=25%; T+; R26/28; R21; R33 >=7%Conc<25%; T+; R26/28; R33 >=1%Conc<7%; T; R23/25; R33 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
3535-84-0	Thallium thiocyanate	T; R23-48/25 R53	T R: 23-48/25-53 S: (1/2-38-45-61	Conc>=25%; T; R23; R48/25 >=10%Conc<25%; T; R20; R48/25 >=3%Conc<10%; Xn; R20; R48/22 >=1%Conc<3%; Xn; R48/22	EuA	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
3542-36-7	Dichlorodicyclt stannane	Xi; R41	Xi; R: 41 , S: (2) - 26	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
3547-33-9	2-(Octylthio)ethanol [2-Hydroxyethyl octyl sulphide]	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
3567-65-5	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4'-[[[4-methylphenyl]sulfonyloxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-, disodium salt	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4'-[[4-hydroxyphenyl]azo][1,1'-biphenyl]-4-yl]azo]-6-(phenylazo)-, disodium salt	Xi; R38 R53	Xi R: 38-53 S: (2-3)7-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
3626-28-6													
3681-73-0	(E)-3,7-Dimethyl-2,6-octadienylhexadecanoate												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
3687-31-8	Lead arsenate (as Pb3(AsO4)2)(Note: see Arsenate compounds, see Lead compounds)				A	Lead arsenate (as Pb3(AsO4)2)	-	0.15	-	-	-	-	-
3689-24-5	Sulfotep (ISO) [O,O,O,O-Tetraethyl dithiophosphite; TEDP]	T+, R27/28 N; R50-53	T+, N R: 27/28-50/53 S: (1/2)-23-28-36/37-45-60-61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu; A	Sulfotep	0.007	0.1	-	-	-	Sk	-
3691-35-8	Chlorophacinone (ISO) [2-(2-(4-Chlorophenyl)-phenylacetyl)indan-1,3-dione]	T+, R27/28 T; R23-48/24/25 N; R50-53	T+, N; R: 23 - 27/28 - 48/24/25 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	>=7%Conc<10%; T+; R27/28; R20; R48/21/22 >=3%Conc<7%; T; R24/25; R20; R48/21/22 >=1%Conc<3%; T; R24/25; R48/21/22 >=0.1%Conc<1%; Xn; R21/22	Eu		-	-	-	-	-	-	-
3724-43-4	Chloro-N,N-dimethylformiminium chloride	R14 Repr. Cat. 2; R61 Xn; R22 C; R35	T; C R: 61-14-22-35 S: 53-45 Note: E	Conc>=25%; T; R61; R35; R22 >=10%Conc<25%; T; R61; R35 >=5%Conc<10%; T; R61; R34 >=1%Conc<5%; T; R61; R36/38 >=0.5%Conc<1%; T; R61	Eu		-	-	-	-	-	-	-
3734-95-0	Cyanthoate (ISO) [S-(N-(1-Cyano-1-methylethyl)carbamoylmethyl) O,O-diethyl phosphorothioate]	T+, R28 T; R24	T+, R: 24 - 28 , S: (1/2) - 36/37 - 45	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25	Eu		-	-	-	-	-	-	-
3741-80-8	N-(1,1-Dimethylethyl)bis(2-benzothiazolesulfen)amide	N; R50-53	N; R: 50/53 S: 60 - 61	>=0.1%Conc<1%; Xn; R22	Eu		-	-	-	-	-	-	-
3766-81-2	2-Butylphenyl methylcarbamate [F-enobucarb]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu		-	-	-	-	-	-	-
3775-90-4	2-tert-Butylaminoethyl methacrylate	Xi; R36/38 R43	Xi; R: 36/38 - 43 , S: (2) - 26 ; Note: D	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu		-	-	-	-	-	-	-
3794-83-0	Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt	Xn; R22 Xi; R36	Xn R: 22-36	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	N		-	-	-	-	-	-	-
3811-04-9	Potassium chlorate	O; R9 Xn; R20/22 N; R51-53	O; Xn; N R: 9-20/22-51/53 S: (2)-13-16-27-61	Conc>=25%; Xn; R20/22	Eu		-	-	-	-	-	-	-
3811-49-2	Dioxabenzofos [2-Methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulphide]	T; R24/25 T; R39/25 N; R51 - 53	T; N; R: 24/25 - 39/25 - 51/53, S: (1/2) - 36/37 - 38 - 45 - 61	Conc>=25%; T; R24/25; R39/25 >=10%Conc<25%; T; R39/25; R21/22 >=3%Conc<10%; Xn; R21/22; R68/22 >=1%Conc<3%; Xn; R68/22	Eu		-	-	-	-	-	-	-
3813-05-6	Benazolin (ISO) [4-Chloro-2-oxobenzothiazolin-3-ylacetic acid; 4-Chloro-2,3-dihydro-2-oxo-1,3-benzothiazol-3-ylacetic acid]	Xi; R36/38 R52-53	Xi; R: 36/38 - 52/53, S: (2) - 22 - 61	Conc>=20%; Xi; R36/38	Eu		-	-	-	-	-	-	-
3825-26-1	Ammonium perfluorooctanoate			Conc>=20%; Xi; R36/38	Eu	Ammonium perfluorooctanoate (h)	-	0.1	-	-	-	-	-
3847-58-3	3-Chloro-2,4-difluorotirobenzene	Xn; R22 C; R34 R43 N; R50-53	C; N; R: 22 - 34 - 43 - 50/53 S: (1/2) - 22 - 26 - 28 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C; R34; R22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu		-	-	-	-	-	-	-
3861-47-0	Ioxynil octanoate (ISO) [4-Cyano-2,6-diodophenyl octanoate; 2,6-Dibromo-4-cyanophenyl octanoate]	Repr. Cat. 3; R63 T; R25 Xi; R36 R43 N; R50-53	T; N R: 25-36-43-63-50/53 S: (1/2)-26-36/37-45-60-61	Conc>=25%; T; R63; R25; R36; R43 >=20%Conc<25%; Xn; R63; R22; R36; R43 >=5%Conc<20%; Xn; R63; R22; R43 >=3%Conc<5%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu		-	-	-	-	-	-	-
3862-73-5	2,3,4-Trifluoroaniline	Xn; R21/22-48/22 Xi; R38-41 N; R51-53	Xn; N R: 21/22-38-41-48/22-51/53 S: (2)-23-26-36/37/39-61	Conc>=25%; Xn; R21/22-48/22; R38; R41 >=20%Conc<25%; Xn; R48/22; R38; R41 >=10%Conc<20%; Xn; R48/22; R41 >=5%Conc<10%; Xi; R36	Eu		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
3878-19-1	Fuberidazole (ISO) [2-(2-Furyl)benzimidazole; 2-(2-Furyl)-1H-benzimidazole]	Carc. Cat. 3; R40	Xn: N R: 40-48/22-22-43-50/53 S: (2)-22-36/37-60-61	Conc>=25%; Xn: R40; R22; R48/22; R43 >=10%Conc<25%; Xn: R40; R48/22; R43 >=1%Conc<10%; Xn: R40; R43	Eu	-	-	-	-	-	-	-	-
		Xn: R48/22											
		Xn: R22 Xi: R43 N: R50-53											
3906-55-6	Cyclohexanecarboxylic acid, nickel(2+) salt	Carc. Cat. 1; R49	T R: 49-61-20/22-38-42/43-48/23-68	Conc>=25%; T: R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T: R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T: R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T: R49; R61; R68; R48/20; R42/43 Xn: R20/22 R: 49-61-20/22-38-42/43-48/23-68	N	-	-	-	-	-	-	-	-
		Xi: R38											
		R42/43											
3926-62-3	Sodium salt of chloroacetic acid (Sodium chloroacetate)	T: R25	T: N; R: 25 - 38 - 50, S: (1/2) - 22 - 37 - 45 - 61	Conc>=25%; T: R25; R38 >=20%Conc<25%; Xn: R22; R38 >=3%Conc<20%; Xn: R22	Eu	-	-	-	-	-	-	-	-
		Xi: R38											
		N: R50											
3971-28-6	1,3-Cyclohexanedimethanol	Xi: R41	Xi S: 26-39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	N	-	-	-	-	-	-	-	-
4016-14-2	Isopropyl glycidyl ether (IGE) [2,3-Epoxypropyl isopropyl ether]		A	Isopropyl glycidyl ether (IGE)	A	50	238	75	356	-	-	-	-
		Xn: R22-48/22											
		Xi: R41											
4023-02-3	Pyrazole-1-carboxamide monohydrochloride	R43	Xn R: 22-41-43-48/22-52/53 S: (2)-22-26-36/37/39-61	Conc>=25%; Xn: R22; R48/22; R41; R43 >=10%Conc<25%; Xn: R48/22; R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		R52-53											
4032-26-2	Diquat dichloride(Nota: see also CAS No 85-00-7 & 94021-76-8)	T+: R26	T+: N; R: 22 - 26 - 36/37/38 - 43 - 48/25 - 50/53 S: (1/2) - 28 - 36/37/39 - 45 - 61	Conc>=25%; T+: R26; R48/25; R22; R36/37/38; R43 >=20%Conc<25%; T+: R26; R48/25; R36/37/38; R43 >=10%Conc<20%; T+: R26; R48/25; R43 >=7%Conc<10%; T+: R26; R48/22; R43 S: (1/2) - 28 - 36/37/39 - 45 - 61	Eu	-	-	-	-	-	-	-	-
		Xi: R36/37/38											
		N: R50-53											
4067-16-7	3,6,9,12-tetra-Azatetradecamethylenediamine [Pentachthylenhexamine]	C: R34	C: N R: 34-43-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=10%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		R43											
		N: R50-53											
4074-88-8	2,2'-Oxydiethyl diacrylate [Diethylene glycol diacrylate]	T: R24	T: R: 24 - 36/38 - 43 , S: (1/2) - 28 - 39 - 45; Note: D	Conc>=20%; T: R24; R36/38; R43 >=2%Conc<20%; T: R24; R43 >=0.2%Conc<2%; Xn: R21; R43	Eu	-	-	-	-	-	-	-	-
		Xi: R36/38											
		R43											
4083-64-1	4-Isocyanatosulphonyltoluene [Tosyl isocyanate]	R14	Xn: R: 14 - 36/37/38 - 42 , S: (2) - 26 - 28 - 30	Conc>=5%; Xn: R42; R36/37/38 >=1%Conc<5%; Xn: R42	Eu; A	Isocyanates, all (as-NCO)	0.02	-	0.07	-	-	Sen	-
		Xi: R36/37/38											
		Xn: R42											
4084-38-2	(2,3,5,6-Tetrafluorophenyl)methanol	Xn: R22	R: 22-36-43 S: (2)-26-36/37	Conc>=25%; Xn: R22; R36; R43 >=20%Conc<25%; Xi: R36; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
		Xi: R36											
		R43											
4097-36-3	Dinosam [2-(1-Methylbutyl)-4,6-dinitrophenol]	T: R23/24/25	T: N R: 23/24/25 - 50/53 S: (1/2) - 13 - 45 - 60 - 61	Conc>=25%; T: R23/24/25 >=3%Conc<25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
		N: R50-53											
4098-71-9	3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate [Isophorone di-isocyanate]	T: R23	T: N R: 23-36/37/38-42/43-51/53 S: (1/2)-26-28-38-45-61	Conc>=20%; T: R23; R36/37/38; R42/43 >=2%Conc<20%; T: R23; R42/43 >=0.5%Conc<2%; Xn: R20; R42/43 Conc>=7%; T+: R27/28 S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Eu; A	Isophorone diisocyanate	-	-	-	-	-	(see isocyanates, all)	-
		Xi: R36/37/38											
		R42/43											
4104-14-7	Phosacetim (ISO) [O,O-Bis(4-chlorophenyl)-N-acetimidoylphosphorimidothoate]	N: R51-53	T+: N; R: 27/28 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%; T+: R27/28 >=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
		T+: R27/28											
		N: R50-53											

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		F; R11 Muta. Cat. 3; R68 T+; R26 T; R24/25 Xn; R48/22 Xn; R37/38-41 N; R50	F; T+; N R: 11 - 24/25 - 26 - 37/38 - 41 - 48/22 - 50 - 68 S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%: T+; R68; R26; R24/25; R48/22; R37/38; R41 >=20%Conc<25%: T+; R68; R26; R21/22; R48/22; R37/38; R41 >=10%Conc<20%: T+; R68; R26; R21/22; R48/22; R41 >=7%Conc<10%: T+; R68; R26; R21/22; R36 >=5%Conc<7%: T; R68; R23; R21/22; R36 >=3%Conc<5%: T; R68; R21/22; R23 ->=1%Conc<3%: T; R68; R23 ->=0,1%Conc<1%: Xn; R20	Eu; A	Crotonaldehyde	2	5,7	-	-	-	-	-
4170-30-3	Crotonaldehyde [2-Butenal][Note: see also CAS No 123-73-9]	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53, S: (2) - 22 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
4186-71-4	N-Ethyl-N-methylpiperidinium iodide		Xi										
4221-99-2	(S)-Butan-2-ol[Note: see also CAS No. 78-92-2, 14898-79-4 & 15892-23-6]	R10 Xi; R36/37 R67	R: 10-36/37-67 S: (2)/79-13-24/25-26-46 Note: C	Conc>=20%: Xi; R36/37	Eu	-	-	-	-	-	-	-	-
4229-69-0	(3beta, 5alpha, 6beta)-3-(Acetyloxy)-5-bromo-6-hydroxy-androstan-17-one	R43 R52-53	Xi R: 43-52/53 S: (2)/22-36/37-61	Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
4234-79-1	Kelevan (ISO) [Ethyl 5-(1,2,3,5,6,7,8,9,10,10-decachloro-4-hydroxypentacyclo (5,2,1,02,6,03,9,05,8)dec-4-yl)-4-oxovalerate; Ethyl 5-(perchloro-5-hydroxypentacyclo[5,3,0,02,6,03,9,04,8]decan-5-yl)-4-Xn: R22 oxopentanoate]	T; R24 Xn; R22 N; R51-53	T; N; R: 22 - 24 - 51/53, S: (1/2) - 36/37 - 45 - 61 F; T+; R: 17 - 26 S: (1/2) - 9 - 28 - 36/37 - 43 .->=1%Conc<7%: T; R23 ->=0,1%Conc<1%: Xn; R20	Conc>=25%: T; R24; R22 >=3%Conc<25%: Xn; R21 Conc>=7%: T+; R26 Conc>=1%Conc<7%: T; R23 ->=0,1%Conc<1%: Xn; R20	Eu	-	-	-	-	-	-	-	-
4262-43-5	tert-Butylarsine	F; R17 T+; R26			Eu	-	-	-	-	-	-	-	-
4274-38-8	2-Amino-4-(trifluoromethyl)benzenethiol hydrochloride	C; R34 Xn; R20/21/22-48/22 R43 N; R50	C; N R: 20/21/22-34-43-48/22-50 S: (1/2)-26-36/37/39-45-61	Conc>=25%: C; R34; R20/21/22; R48/22; R43 >=10%Conc<25%: C; R34; R48/22; R43 >=5%Conc<10%: Xi; R36/38; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
4277-06-9	Cyclohexadeca-1,9-diene	Xi; R38 R43 R53	Xi R: 38-43-53 S: (2)-36/37-61	Conc>=20%: Xi; R38; R43 >=1%Conc<20%: Xi; R43	Eu	-	-	-	-	-	-	-	-
4301-50-2	Fluonell (ISO) [2-Fluoroethyl biphenyl-4-yacetate]	T+; R27/28	T+; R: 27/28 , S: (1/2) - 28 - 36/37 - 45 Xn; R: 21/22 , S: (2) - 36/37	Conc>=7%: T+; R27/28 >=1%Conc<7%: T; R24/25 >=0,1%Conc<1%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-
4312-97-4	Sodium 3-chloroacrylate	Xn; R21/22		Conc>=25%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-
4335-09-5	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[4'-[(4-hydroxyphenyl)azo][1,1'-biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]-, disodium salt	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%: T; R45; R63 >=0,1%Conc<5%: T; R45	N	-	-	-	-	-	-	-	-
4369-14-6	Acrylic acid, 3-(trimethoxysilyl)propyl ester	Xn; R20 C; R34 R43 R52-53	C R: 20-34-43-52/53 S: (1/2)-26-36/37/39-45-61	Conc>=25%: C; R34; R20; R43 >=10%Conc<25%: C; R34; R43 >=5%Conc<10%: Xi; R36/38; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
4403-70-7	3-Aminobenzylamine	Xn; R22 C; R34 N; R51-53	C; N; R: 22 - 34 - 51/53 S: (1/2) - 22 - 26 - 36/37/39 - 45 - 61	Conc>=25%: C; R34; R22 Conc>=10%Conc<25% C; R34 >=5%Conc<10%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
4418-26-2	Sodium 1-(3,4-dihydro-6-methyl-2,4-dioxo-2H-pyran-3-ylidene)ethonolate [Sodium dehydracetate]	Xn; R22	Xn; R: 22 , S: (2)	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
4435-53-4	3-Methoxybutyl acetate	Xi; R36	Xi; R: 36 , S: (2) - 25	Conc>=20%: Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R48/23 Xn; R20/22 Xi; R38 R42/43		Conc>=25%; T; R49; R61; R62; R68; R48/23; R20/22; R38; R42/43 >=20% Conc<25%; T; R49; R61; R62; R68; R48/23; R38; R42/43 >=10% Conc<20%; T; R49; R61; R62; R68; R48/23; R42/43 >=5% Conc<10%; T; R49; R61; R62; R68; R48/20; R42/43 >=1% Conc<5%; T; R49; R61; R68;	N	-	-	-	-	-	-	-	-
4454-16-4	Hexanoic acid, 2-ethyl-, nickel(2+) salt		T R: 49-61-20/22-38-42/43- 48/23-62-68	Xn; R: 22 - 52/53 , S: (2) - 22 - 61	Eu	-	-	-	-	-	-	-	-
4463-59-6	2-(2-Bromoethoxy)anisole	Xn; R22 R52-53		Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
		T; R23/25 R33 Xn; R68 N; R50-53	T; N R: 23/25-33-68-50/53 S: (1/2)-22-45-60-61	Conc>=10%; T; R68; R23/25; R33 >=1% Conc<10%; Xn; R68; R20/22; R33 >=0.25% Conc<1%; Xn; R20/22; R33	Eu; A	-	0.01	-	-	-	2	-	-
4464-23-7	Cadmium diformate [Cadmium formate]					Cadmium and compounds (as Cd)							
4482-55-7	1,1-Dimethyl-3-phenyluronium trichloroacetate [Fenuron TCA]	Xi; R38 N; R50-53	Xi; N; R: 38 - 50/53, S: (2) - 60 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
		R10 Xn; R21/22-48/20 C; R34	C; R: 10 - 21/22 - 34 - 48/20 S: (1/2) - 16 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R21/22; R48/20 >=10% Conc<25%; C; R34; R48/20 >=5% Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
4524-95-2	2-Methyl-2-azabicyclo[2.2.1]heptane												
4636-83-3	Morfamquat dichloride	Xn; R22 Xi; 36/37/38 R52-53	Xn; R: 22 - 36/37/38 - 52/53, S: (2) - 22 - 36 - 61	Conc>=25%; Xn; R22; R36/37/38 >=20% Conc<25%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
		T; R24/25 Xi; R36/37/38	T; R: 24/25 - 36/37/38, S: (1/2) - 22 - 36/37/39 - 45	Conc>=25%; T; R24/25; R36/37/38 >=20% Conc<25%; Xn; R21/22; R36/37/38 >=3% Conc<20%; Xn; R21/22	Eu; A	Paraquat (respirable sizes)	0.1	-	-	-	-	-	-
4706-78-9	Sulfuric acid, monododecyl ester, potassium salt	Xn; R21/22 Xi; R37/38-41	Xn R: 21/22-37/38-41	Conc>=25%; Xn; R21/22; R37/38; R41 >=20% Conc<25%; Xi; R37/38; R41 >=10% Conc<20%; Xi; R41 >=5% Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
4719-04-4	1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine [2,2,2'-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol]	Xn; R22 Xi; R43	Xn; R: 22 - 43 S: (2) - 24 - 37	Conc>=25%; Xn; R22; R43 >=0.1% Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
4824-78-6	Bromophos ethyl (ISO) [O-4-Bromo-2,5- dichlorophenyl O,O-diethyl phosphorothioate]	T; R25 Xn; R21 N; R50-53	T; N; R: 21 - 25 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=25%; T; R25; R21 >=3% Conc<25%; Xn; R22 Conc>=7%; T+; R26/28 >=1% Conc<7%; T; R23/25 >=0.1% Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
4845-99-2	Brucine sulphate(Note: see also CAS No 5786-97-0, 68239-26-9 & 68310-42-9)	T+; R26/28 R52-53	T+; R: 26/28 - 52/53, S: (1/2) - 13 - 45 - 61	Conc>=20%; Xi; R36/38; R43 >=1% Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
4986-89-4	Pentaerythritol tetraacrylate	Xi; R36/38 R43	Xi; R: 36/38 - 43 , S: (2) - 26 - 39 ; Note: D	Conc>=20%; Xi; R36/38; R43 >=1% Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43		Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20% Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10% Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1% Conc<10%; T; R49; R61; R68; R48/20; R42/43 R42/43	N	-	-	-	-	-	-	-	-
4995-91-9	Octanoic acid, nickel(2+) salt		T R: 49-61-20/22-38-42/43- 48/23-68	Xn; R: 22 - 52/53 , S: (2) - 22 - 61	Eu	-	-	-	-	-	-	-	-
5064-31-3	Trisodium nitrilotriacetate	Carc. Cat. 3; R40 Xn; R22 Xi; R36	Xn R: 22-36-40 S: (2)-26-36/37-46	Conc>=25%; Xn; R40; R22; R36 >=20% Conc<25%; Xn; R40; R36 >=5% Conc<20%; Xn; R40	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
5112-16-3	Nonanoic acid, cadmium salt			Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 R 45-46-60-61-21-25-26-48/23/25 T+ R 45-46-60-61-21-25-26-48/23/25	N	-	-	-	-	-	-	-	-
5117-12-4	4-(1-Oxo-2-Propenyl)-morpholine	Xn; R22-48/22 Xi; R41 R43	Xn R 22-41-43-48/22 S (2)-23-26-36/37/39	Conc>=25%; Xn; R22; R48/22; R41; R43 >=10%Conc<25%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
5124-30-1	4,4'-Methylenedi(cyclohexylisocyanate) [Dicyclohexylmethane-4,4'-diisocyanate; Methylene bis(4'-cyclohexylisocyanate)]	T; R23 Xi; R36/37/38 R42/43	T; R: 23 - 36/37/38 - 42/43 , S: (1/2) - 26 - 28 - 38 - 45	Conc>=20%; T; R23; R36/37/38; R42/43 >=2%Conc<20%; T; R23; R42/43 >=0.5%Conc<2%; Xn; R20; R42/43	Eu; A	Methylene bis(4-cyclo-hexylisocyanate)	-	-	-	-	-	-	(see Isocyanates, all)
5131-24-8	O,O-Diethyl phthalimidophosphonothioate [Dilalimfos]	Xi; R38 R43	Xi; R: 38 - 43 , S (2) - 36/37	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
5131-66-8	3-Butoxypropan-2-ol [Propylene glycol monobutyl ether]	Xi; R36/38	Xi; R: 36/38 , S: (2)	Conc>=20% : Xi; R36/38	Eu	-	-	-	-	-	-	-	-
5216-25-1	alpha.alpha.alpha,4-Tetrachlorotoluene [p-Chlorobenzotrifluoride]			Conc>=25%; T; R45; R62; R48/23; R21/22; R37/38 >=20%Conc< 25%; T; R45; R62; R48/23; R37/38 >=10%Conc<20%; T; R45; R62; R48/23 R: 45-21/22-37/38-48/23-62 S: 53-45 Note: E Xi; Xn; R: 22 - 48/22 , S: (2) - 22 - 36	Eu	-	-	-	-	-	-	-	
5248-39-5	4-Methoxy-N,6-dimethyl-1,3,5-triazin-2-ylamine	Xn; R22-48/22	Xn; R: 22 - 48/22 , S: (2) - 22 - 36	Conc>=25%; Xn; R22-48/22 >=10%Conc<25%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
5259-88-1	Oxycarboxin (ISO) [5,6-Dihydro-2-methyl-1,4-oxathi-in-3-carboxanilide 4,4-dioxide; 2,3-Dihydro-6-methyl-5-(N-phenylcarbamoyl)-1,4-oxathine- 4,4-dioxide]		Xn; R: 22 - 52/53, S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
5271-27-2	1-Methyl-3-phenyl-1'-piperazine	Xn; R21/22 Xi; R38-41 R52-53	Xn R: 21/22-38-41-52/53 S: (2)-26-36/37/39-61	Conc>=25%; Xn; R21/22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
5307-14-2	1,4-Benzenediamine, 2-nitro- [2-Nitro-4-phenylenediamine]	Xi; R43 This substance has only been assessed against the single endpoint of skin sensitisation. This substance has not been subject to a complete assessment for hazard classification in accordance with the approved criteria	Xi; R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
5329-14-6	Sulphamic acid [Sulfamic acid; Sulphamidic acid]	Xi; R36/38 R52-53	Xi; R: 36/38 - 52/53, S: (2) - 26 - 28 - 61	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
5333-84-6	1,2,3,6-Tetrahydro-3-methylphthalic anhydride (Note: see also CAS No.1694-82-2; 3425-89-6; 11070-44-3; 26590-20-5; 34090-76-1 & 42498-58-80)	Xi; R41 Xn; R42/43	Xn; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
5341-61-7	Hydrazine, dihydrochloride	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25-48/25 R43	T R: 45-23/24/25-43-48/25-68	Conc>=25%; T; R45; R68; R23/24/25; R48/25; R43 >=10%Conc<25%; T; R45; R68; R48/25; R20/21/22; R43 >=3%Conc<10%; T; R45; R68; R20/21/22; R48/22; R43 >=1%Conc<3%; T; R45; R68; R48/22; R43 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-
5392-40-5	2,6-Octadienal, 3,7-dimethyl- [Citral]	Xi; R38 R43	Xi R: 38-43	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N/Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Repr. Cat. 3; R62 Xn: R48/22 Xi: R41 N: R51-53	Xn; N; R: 41 - 48/22 - 62 - 51/53 S: (2)26 - 36/37/39 - 61	Conc>=10%; Xn: R62; R48/22; R41 >=5%Conc<10%; Xn: R62; R36	Eu	-	-	-	-	-	-	-	-
5406-86-0	2-(4-tert-Butylphenyl)ethanol												
		T: R23/25 Xn: R21 Xi: R36/37/38 R43	T R: 21-23/25-36/37/38-43	Conc>=25%; T: R23/25; R21; R36/37/38; R43 >=20%Conc<25%; Xn: R20/22; R36/37/38; R43 >=3%Conc<20%; Xn: R20/22; R43 >=1%Conc<3%; Xi: R43	N	-	-	-	-	-	-	-	-
5421-46-5	Acetic acid, mercapto-, monoammonium salt												
		T: R39-48/25 Xn: R21/22 Xi: R41 R43 N: R51-53	T R: 21-22-39-41-43-48/25-51/53 S: 53-45-61	Conc>=25%; T: R39/25; R48/25; R21/22; R41; R43 >=10%Conc<25%; T: R39/25; R48/25; R41; R43 >=5%Conc<10%; Xn: R68/22; R48/22; R36; R43 >=1%Conc<5%; Xn: R68/22; R48/22; R43	Eu	-	-	-	-	-	-	-	-
5428-02-4	2-Nitro-2-phenyl-1,3-propanediol												
		E: R2 Carc. Cat. 3; R40 Xn: R21/22-48/22 Xi: R36/38 R43 N: R50	E; Xn: N R: 2-21/22-36/38-40-43-48/22-50 S: (2-36/37-61	Conc>=25%; Xn: R40; R21/22; R48/22; R36/38; R43 >=20%Conc<25%; Xn: R40; R48/22; R36/38; R43 >=10%Conc<20%; Xn: R40; R48/22; R43 >=1%Conc<10%; Xn: R40; R43	Eu	-	-	-	-	-	-	-	-
5470-82-6	8-Amino-7-methylquinoline												
		Xn: R21/22 R43 N: R51/53	Xn; N; R: 21/22 - 43 - 51/53 S: (2)36/37 - 61	Conc>=25%; Xn: R21/22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
			Xi										
		R: 41	R: 41	Conc>=10%; Xi: R41									
5521-55-1	5-Methylpyrazine-2-carboxylic acid												
		Xi: R41	S: (2-)26-39	>=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
	(S)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone(Note: see also CAS No 81-81-2 & 5543-58-8)	Repr. Cat. 1; R61 T: R48/25 R52-53	T; R: 61 - 48/25 - 52/53, S: 53 - 45 - 61; Note: E	Conc>=10%; T: R61; R48/25 >=1%Conc<10%; T: R61; R48/22 >=0.5%Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
5543-57-7													
	(R)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone(Note: see also CAS No 81-81-2 & 5543-57-7)	Repr. Cat. 1; R61 T: R48/25 R52-53	T; R: 61 - 48/25 - 52/53, S: 53 - 45 - 61; Note: E	Conc>=10%; T: R61; R48/25 >=1%Conc<10%; T: R61; R48/22 >=0.5%Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
5543-58-8													
	Cyclic 3-(1,2-ethanediyllactate)-estra-5(10),9(11)-diene-3,17-dione	Repr. Cat. 2; R60 Xn: R48/22 N: R51-53	T: N R: 60-48/22-51/53 S: 53-45-61 Note: E	Conc>=10%; T: R60; R48/22 >=0.5%Conc<10%; T: R60	Eu	-	-	-	-	-	-	-	-
5571-36-8													
		R43 N: R50-53	Xi: N R: 43-50/53 S: (2-36/37-60-61	Conc>=1%; R43	Eu	-	-	-	-	-	-	-	-
5598-13-0	Chlorpyrifos-methyl												
		R43 N: R50-53	Xi: N R: 43-50/53 S: (2-36/37-60-61	Conc>=1%; R43	Eu	-	-	-	-	-	-	-	-
5707-69-7	Drazoxolon (ISO) [4-(2-Chlorophenylhydrazon)-3-methyl-5-isoxazolone]	T: R25 N: R50-53	T; N; R: 25 - 50/53, S: (1)2 - 22 - 24 - 36/37 - 45 - 60 - 61	Conc>=25%; T: R25 >=3%Conc<25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
5714-22-7	Sulphur pentafluoride [Disulphur decafluoride; Disulfur pentafluoride; Disulfur decafluoride]												
		Xn R: 22 S: (2)22	Xn R: 22 S: (2)22	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
5734-64-5	2-Amino-4-chloro-6-methoxypyrimidine												
		Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+: R26 T: R25-48/23/25 Xn: R21	T+: R: 26/28 - 52/53; S: (1)2 - 13 - 45 - 61	Conc>=25%; T+: R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+: R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+: R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T: R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T: R45; Conc>=7%; T+: R26/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	N	-	-	-	-	-	-	-	
5743-04-4	Acetic acid, cadmium salt, dihydrate												
		T+: R26/28 R52-53	T+: R: 26/28 - 52/53, S: (1)2 - 13 - 45 - 61	Conc>=7%; T+: R26/28 >=1%Conc<7%; T: R23/25 >=0.1%Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
5786-97-0	Brucine nitrate(Note: see also CAS No 4845-99-2, 68239-26-9 & 68310-42-9)												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
5787-96-2	DNOC, potassium salt of [Potassium 4,6-dinitro-o-cresolate](Note: see also CAS No 2312-76-7)	T; R23/24/25 R33 N; R50-53	T; N R: 23/24/25 - 33 - 50/53 S: (1/2) - 13 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
5788-17-0	Methyl-3-methoxyacrylate	R43	Xi; R; 43 S: (2)/24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
5826-76-6	Phosniclor [O-4-Chloro-3-nitrophenyl O-O-dimethyl phosphorothioate]	Xn; R20/21/22	Xn; R; R: 20/21/22, S: (2) - 13	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
5827-05-4	IPSP [S-Ethylsulphinylmethyl O,O'-disopropylphosphorothioate]	T+; R27 T; R25 N; R50-53	T+; N R: 25-27-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T+; R27; R25 >=7%Conc<25%; T+; R27; R22 >=3%Conc<7%; T; R24; R22 >=1%Conc<3%; T; R24 >=0.1%Conc<1%; Xn; R21	Eu	-	-	-	-	-	-	-	-
5834-96-8	Azothioate [O-4-(4-Chlorophenylazo)phenyl O-O-dimethyl phosphorothioate]	Xn; R20/22	Xn; R; R: 20/22, S: (2) - 13	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
5836-29-3	Coumatetralyl (ISO) [4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl)coumarin]	T+; R27/28 T; R48/24/25 R52-53	T+; R; R: 27/28 - 48/24/25 - 52/53, S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=10%; T+; R27/28; R48/24/25 >=7%Conc<10%; T+; R27/28; R48/21/22 >=1%Conc<7%; T; R24/25; R48/21/22 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
5836-73-7	1-(3,4-Dichlorophenyl(imino) thiosemicarbazide	T+; R28	T+; R; R: 28, S: (1/2) - 22 - 36/37 - 45	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
5849-29-1	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate	Xi; R36/37/38	R; 36/37/38	Conc>=25%; T; R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T; R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T; R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn; R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn; R40; R48/20; R42/43	N	-	-	-	-	-	-	-	-
5849-29-1	(R)-p-Mentha-1,8-diene [Dipentene; Limonene; d-Limonene](Note: see also CAS No 138-86-3 & 5989-54-8)	R10 Xi; R38 R43 N; R50-53	Xi; N; R: 10 - 38 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61; Note: C	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu/N	-	-	-	-	-	-	-	-
5849-29-1	(S)-p-Mentha-1,8-diene [Dipentene; Limonene; l-Limonene](Note: see also CAS No 138-86-3 & 5989-27-5)	R10 Xi; R38 R43 N; R50-53	Xi; N; R: 10 - 38 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61; Note: C	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu/N	-	-	-	-	-	-	-	-
6018-99-9	Acetic acid, nickel(2+) salt, tetrahydrate	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43	R: 49-61-20/22-38-42/43-48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 T R: 49-61-20/22-38-42/43-48/23-68	N	-	-	-	-	-	-	-	-
6018-92-4	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, nickel(2+) salt (2:3)	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43	R: 49-61-20/22-38-42/43-48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 T R: 49-61-20/22-38-42/43-48/23-68	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
6053-68-5	Cyclopentane-1,2,3,4-tetracarboxylic dianhydride	Xi; R36/37	Xi; R: 36/37 , S: (2) - 25	Conc>=1%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
6080-56-4	Acetic acid, lead(2+) salt, trihydrate	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
6094-40-2	Piperazine hydrochloride(Not: see also CAS No. 142-64-3, 1951-97-9)	Repr. Cat. 3; R62-63 Xi; R36/38 R42/43 R52-53	Xn R: 36/38-42/43-62-63-52/53 S: (1/2)-22-36/37-45-63-61	Conc>=20%; Xn; R62; R63; R36/38; R42/43 >=5%Conc<20%; Xn; R62; R63; R42/43 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
6107-63-1	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, lead(2+) salt (2:3), trihydrate	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
6164-98-3	Chlordimeform (ISO) [N2-(4-Chloro-o-tolyl)-N1,1-dimethylformamidine]	Carc. Cat. 3; R40 Xn; R20/22 N; R50-53	Xn; N; R: 21/22 - 40 - 50/53 S: (2) - 22 - 36/37 - 60 - 61	Conc>=25%; Xn; R40; R21/22 >=1%Conc<25%; Xn; R40	Eu	-	-	-	-	-	-	-	-
6195-20-6	Dodecyl 3-amino-4-chlorobenzoate	R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
6202-15-9	1,2,3,4-Tetranitrocarbazole	E; R2 Xn; R20/21/22	R: 2-20/21/22 S: (2)-35-36/37	Conc>=25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
6261-30-9	2-Cyclopentylidene cyclopentanol [1,1'-B(cyclopentyliden)-2-ol]	Xi; R38-41 R52-53	Xi R: 38-41-52/53 S: (2)-26-37/39-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
6317-18-6	Methylene dithiocyanate [Thiocyanic acid, methylene ester]	T+; R26 T; R25 C; R34 R43 N; R50	T+; N; R: 25 - 26 - 34 - 43 - 50, S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%; T+; R26; R25; R34; R43 >=10%Conc<25%; T+; R26; R34; R22; R43 >=7%Conc<10%; T+; R26; R22; R36/38; R43 >=5%Conc<7%; T; R23; R22; R36/38; R43 >=3%Conc<5%; T; R23; R22; R43 >=1%Conc<3%; T; R23; R43 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
6364-17-6	2,3-Dihydro-2,2-dimethyl-1H-perimidine	Xn; R22-48/22 R43 N; R50-53	Xn; N R: 22-43-48/22-50/53 S: (2)-26-36/37-60-61	Conc>=25%; Xn; R22; R48/22; R43 >=10%Conc<25%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
6369-59-1	2-Methyl-p-phenylenediamine sulphate [2,5-Toluenediamine sulfate](Not: see also CAS No 615-50-9)	T; R25 Xn; R20/21 R43 N; R51-53	T; N; R: 25 - 20/21 - 43 - 51/53 S: (1/2) - 24 - 37 - 45 - 61	Conc>=25%; T; R25; R20/21; R43 >=3%Conc<25%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
6386-39-6	Methyl 3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53 , S: (2) - 36 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
6390-69-8	3,3',5,5'-Tetra-tert-butylbiphenyl-2,2'-diol	R 53	R: 53 S: 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
6422-83-9	1H-Pyrrole-2,5-dione, 1,1'-(4-methyl-1,3-phenylene)bis-	T+; R26 Xi; R41 R43	T+ R: 26-41-43	Conc>=10%; T+; R26; R41; R43 >=7%Conc<10%; T+; R26; R36; R43 >=5%Conc<7%; T; R23; R36; R43 >=1%Conc<5%; T; R23; R43 >=0.1%Conc<1%; Xn; R20	N	-	-	-	-	-	-	-	-
6423-43-4	Propylene glycol dinitrate			Propylene glycol dinitrate	A		0.05	0.34				Sk	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
6427-86-7	Hexadecanoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25 Xi	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
6484-52-2	Nitric acid, ammonium salt	Xi; R36	R: 36 Xi	Conc>=20%; Xi; R36	N	-	-	-	-	-	-	-	-
6485-67-2	(2R)-2-Amino-2-phenylacetamide	Xi; R36 R43	R: 36-43 S: (2)-22-26-36/37	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
6527-62-4	Disodium 5-((4-(4-chloro-3-sulfonatophenyl)azo)-1-naphthyl)azo)-8-(phenylamino)-1-naphthalenesulfonate	R 52-53	R: 52/53 S: 61 Xi		Eu	-	-	-	-	-	-	-	-
6563-83-3	(6beta)-6,19-Epoxyandrost-4-ene-3,17-dione	R43 R52-53	R: 43-52/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
6613-44-1	3,5-Dimethylbenzoyl chloride	C; R34 R43	C ; R: 34 - 43 S: (1/2) - 26 - 36/37/39 - 45	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
6746-94-7	Ethynyl cyclopropane	F; R11 R4 Xi; R38-41 R52-53	F; Xi R: 4-11-38-41-52/53 S: (2)-9-16-26-33-37/39-61 Xn	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
6777-05-5	1-Benzylimidazolidine-2,4-dione	Xn; R22	R: 22 S: (2)-22	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
6804-07-5	Carbadox (INN) [Methyl 3-(quinoxalin-2-ylmethylene)carbazate 1,4-dioxide; 2-(Methoxycarbonylhydrazonomethyl)quinoxaline 1,4-dioxide]	F; R11 Carc. Cat. 2; R45 Xn; R22	F ; T ; R: 45 - 11 - 22 , S: 53 - 45 ; Note: E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
6807-17-6	4,4'-Isobutylethylenediphenol	Xi; R36 N; R50-53	Xi ; N ; R: 36 - 50/53 , S: (2) - 26 - 60 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
6834-92-0	Disodium metasilicate	C; R34 Xi; R37	C ; R: 34 - 37 , S: (1/2) - 13 - 24/25 - 36/37/39 - 45	Conc>=20%; C; R34; R37 >=10%Conc<20%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
6838-85-3	1,2-Benzenedicarboxylic acid, lead(2+) salt (1:1)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
6864-37-5	2,2'-Dimethyl-4,4'-methylenebis(cyclohexylamine) [Cyclohexanamine, 4,4'-methylenebis[2-methyl]	N; R51-53	T ; C ; N ; R: 22 - 23/24 - 35 ->=10%Conc<25%; C; R35; R20/21 51/53, S: (1/2) - 26 - 36/37/39 - 45 ->=3%Conc<10%; C; R34; R20/21 61 N; R51-53	Conc>=25%; T; R23/24; R35; R22 >=5%Conc<25%; C; R35; R20/21 >=3%Conc<10%; C; R34; R20/21 >=1%Conc<5%; Xn; R20/21; R36/38 >=1%Conc<3%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
6903-18-0	3-(2-Phenoxyethoxy)propylamine	Xn; R22 Xi; R38-41 R52-53	Xn R: 22-38-41-52/53 S: (2)-23-26-37/39-61 R: 52/53	Conc>=25 %; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10 %; Xi; R36	Eu	-	-	-	-	-	-	-	-
6914-71-2	Dimethylcyclopropane-1,1-dicarboxylate	R 52-53	S: 61		Eu	-	-	-	-	-	-	-	-
6923-22-4	Dimethyl-1-methyl-2-(methylcarbamoyl)vinyl phosphate [Monocrotophos (ISO)]	Muta. Cat. 3; R68 T+; R26/28 T; R24 N; R50-53 T; R25	T+ ; N ; R: 24 - 26/28 - 50/53 - 68 , S: (1/2) - 23 - 36/37 - 45 - 60 - 61 T ; N ; R: 25 - 51/53 S: (1/2) - 37 - 45 - 61	Conc>=25%; T+; R68; R26/28; R24 >=7%Conc<25%; T+; R68; R26/28; R21 >=3%Conc<7%; T; R68; R23/25; R21 >=1%Conc<3%; T; R68; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu; A	Monocrotophos	-	0.25	-	-	-	-	-
6988-21-2	Dioxacarb (ISO) [2-(1,3-Dioxolan-2-yl)phenyl N-methylcarbamate]	N; R51-53	T ; N ; R: 25 - 51/53 S: (1/2) - 37 - 45 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7027-11-4	3-Cyano-3,5,5-trimethylcyclohexanone	Xn; R22-48/22 R43 R52-53	Xn; R: 22 - 43 - 48/22 - 52/53 S: (2)36/37 - 61	Conc>=25%; Xn; R22; R48/22; R43 >=10%Conc<25%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-
7067-44-9	Butyltricyclohexylstanne (Note: see also CAS No. 1449-55-4 and 3091-32-5)	Xn; R20/21/22 N; R50-53	Xn; N R: 20/21/22-50/53 S: (2)26-28-60-61; Note: A	Conc>=1%; Xn; R20/21/22	Eu; A	Tin, organic compounds (as Sn)	0.1	-	0.2	-	Sk	-
7076-53-1	2,2-Dichlorovinyl 2-ethylsulphinyloethyl methyl phosphate	T; R23/24/25	T; R: 23/24/25 S: (1)2 - 13 - 45	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
7078-98-0	2,6-Bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa-2,5-dien-1-one	R43 R53	R: 43-53 S: (2)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
7085-19-0	Mecoprop (ISO) and its salts [2-(4-Chloro-o-tolyl)oxy] propionic acid; (RS)-2-(4-Chloro-o-tolyl)oxy propionic acid[Note: see also CAS No. 93-65-2]	Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-50/53 S: (2)13-26-37/39-60-61	Conc>=25 %; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10 %; Xi; R36	Eu	-	-	-	-	-	-	-
7085-95-0	Ethyl 2-cyanoacrylate	Xi; R36/37/38	Xi; R: 36/37/38 S: (2) - 23 - 24/25 - 26	Conc>=10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-
7093-55-2	Pregn-5-ene-3,20-dione bis(ethylene ketal)	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
7173-51-5	Didecyl(dimethylammonium chloride	Xn; R22 C; R34	C ; R: 22 - 34, S: (2) - 26 - 36/37 - 38 - 45	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
7226-23-5	Tetrahydro-1,3-dimethyl-1H-pyrimidin-2-one [Dimethyl propyleneurea]	Repr. Cat. 3; R62 Xn; R22 Xi; R41	Xn R: 22-41-62 S: 26-36/37/39	Conc>=25%; Xn; R62; R22; R41 >=10%Conc<25%; Xn; R62; R41 >=5%Conc<10%; Xn; R62; R36	Eu	-	-	-	-	-	-	-
7276-58-6	Tris(1-dodecyl-3-methyl-2-phenylbenzimidazolium)hexacyanoferrate	Xn; R22	Xn; R: 22 , S: (2) - 24	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
7305-71-7	2-Amino-5-methylthiazole	Xn; R22-48/22 N; R50-53	Xn; N R: 22-48/22-50/53 S: (2)22-36-60-61	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; R48/22	Eu	-	-	-	-	-	-	-
7319-86-0	Octanoic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-
7331-52-4	(S)-3-Hydroxy-gamma-butyrolactone	R43	Xi R: 43 S: (2)23-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
7397-46-8	Diethylmethoxyborane	F; R17 Xn; R20/21/22-48/22 C; R34 R43 R53	F; C R: 17-20/21/22-34-43-48/22-53 S: (1)2-16-26-36/37/39-43-45-61	Conc>=25%; C; R34; R20/21/22; R48/22; R43 >=10%Conc<25%; C; R34; R48/22; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
7411-47-4	Morfanquat (ISO) [1,1'-Bis(3,5-dimethylmorpholinocarbonyl(methyl)-4,4'-bipyridilium ion)]	Xn; R22 Xi; 36/37/38 R52-53	Xn; R: 22 - 36/37/38 - 52/53 S: (2) - 22 - 36 - 61	Conc>=25%; Xn; R22; R36/37/38 >=20%Conc<25%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-
7414-83-7	Phosphonic acid, (1-hydroxyethylidene)bis-, disodium salt	Xn; R22 Xi; R36	Xn R: 22-36	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	N	-	-	-	-	-	-	-
7425-14-1	2-Ethylhexyl-2-ethylhexanoate	Repr. Cat. 3; R63	Xn R: 63 S: (2)36/37	Conc>=5%; Xn; R63	Eu	-	-	-	-	-	-	-
7428-48-0	Octadecanoic acid, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	Aluminium (metal dust)	-	-	-	-	-	-
7429-90-5	Aluminium (metal dust)(elemental)	F; R15-17	F ; R: 15 - 17 S: (2) - 7/8 - 43		Eu; A	Aluminium (metal dust)	10	-	-	-	-	-
7429-90-5	Aluminium (welding fumes)	F; R15-17	F ; R: 15 - 17 S: (2) - 7/8 - 43		A	Aluminium (welding fumes) (as Al)	5	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7429-90-5	Aluminium powder (pyrophoric)	F; R15-17	F; R15 - 17; S: (2) - 7/8 - 43		Eu; A	-	-	-	-	-	-	-	-
7429-90-5	Aluminium powder (stabilised)	F; R11-15	F R: 11-15 S: (2)-7/8-43		Eu	-	-	-	-	-	-	-	-
7429-90-5	Aluminium pyro powders	F; R15-17	F ; R: 15 - 17 S: (2) - 7/8 - 43		Eu; A	Aluminium, pyro powders (as Al)	-	5	-	-	-	-	-
7439-92-1	Lead, inorganic dusts & fumes (as Pb)				A	Lead, inorganic dusts & fumes (as Pb)	-	0.15	-	-	-	-	-
7439-93-2	Lithium	F; R14/15 C; R34	F ; C : R: 14/15 - 34 , S: (1/2) - 8 - 43 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7439-95-4	Magnesium powder (pyrophoric)	F; R15-17	F; R15 - 17; S: (2) - 7/8 - 43		Eu	-	-	-	-	-	-	-	-
7439-96-5	Manganese dust and compounds (as Mn)				A	Manganese, dust & compounds (as Mn)	-	1	-	-	-	-	-
7439-96-5	Manganese dust and compounds (as Mn)				A	Manganese, fume (as Mn)	-	1	-	3	-	-	-
7439-97-6	Mercury	Repr. Cat. 2; R61 T+; R26 T; R48/23 N; R50-53	T+; N R: 61-26-48/23-50/53 S: 53-45-60-61 Note: E	Conc>=10%; T+; R61; R26; R48/23 >=7%Conc<10%; T+; R61; R26; R48/20 >=1%Conc<7%; T; R61; R23; R48/20 >=0.5%Conc<1%; T; R61; R20 >=0.1%Conc<0.9%; Xn; R20	Eu;A	Mercury, elemental vapour (as Hg)	0.003	0.025	-	-	-	-	-
7439-98-7	Molybdenum, soluble compounds (as Mo)				A	Molybdenum, soluble compounds (as Mo)	-	5	-	-	-	-	-
7439-98-7	Molybdenum [insoluble compounds (as Mo)]				A	Molybdenum, insoluble compounds (as Mo)	-	10	-	-	-	-	-
7440-02-0	Nickel powder(Note: particle diameter < 1 mm)	Carc. Cat. 3; R40 T; R48/23 R43 R52-53	T R: 40-43-48/23-52/53 S: (2)-36/37/39-45-61	Conc>=10%; T; R40; R48/23; R43 >=1%Conc<10%; Xn; R40; R48/20; R43	Eu;A	Nickel, metal	-	1	-	-	-	Sen	-
7440-02-0	Nickel	Carc. Cat. 3; R40 T; R48/23 R43	T R: 40-43-48/23 S: (2)-36/37/39-45	Conc>=10%; T; R40; R48/23; R43 >=1%Conc<10%; Xn; R40; R48/20; R43	Eu;A	Nickel, metal	-	1	-	-	-	Sen	-
7440-06-4	Platinum, metal				A	Platinum, metal	-	1	-	-	-	-	-
7440-09-7	Potassium Rhodium, metal [Rhodium,insoluble compounds (as Rh)]	F; R14/15 C; R34	F ; C : R: 14/15 - 34 S: (1/2) - 5* - 8 - 45 *S5 is not necessary when an alternative safe packaging is used	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7440-16-6	Rhodium, metal [Rhodium,insoluble compounds (as Rh)]				A	Rhodium, metal	-	1	-	-	-	-	-
7440-16-6	Rhodium, metal [Rhodium,insoluble compounds (as Rh)]				A	Rhodium, insoluble compounds (as Rh)	-	1	-	-	-	-	-
7440-22-4	Silver, metal				A	Silver, metal	-	0.1	-	-	-	-	-
7440-23-5	Sodium	F; R14/15 C; R34	F ; C : R: 14/15 - 34 , S: (1/2) - 5* - 8 - 43 - 45 *S5 is not necessary when an alternative safe packaging is used	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7440-25-7	Tantalum, metal & oxide dusts				A	Tantalum, metal & oxide dusts	-	5	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7440-28-0	Thallium	T+: R26/28 R33 R53	T+ R: 26/28 - 33 - 53 S: (1/2) - 13 - 28 - 45 - 61	Conc>=7%; T+; >=1%Conc<7%; T; >=0.1%Conc<1%; Xn; R20/22	Eu	Thallium, soluble compounds (as Tl)	0.1	-	-	-	-	Sk	-
7440-31-5	Tin metal [Tin, oxide & inorganic compounds, except SnH4]				A	Tin, metal	2	-	-	-	-	-	-
7440-31-5	Tin metal [Tin, oxide & inorganic compounds, except SnH4]				A	Tin, oxide & inorganic compounds, except SnH4 (as Sn)	2	-	-	-	-	-	-
7440-33-7	Tungsten, insoluble compounds (as W)				A	Tungsten, insoluble compounds (as W)	5	-	10	-	-	-	-
7440-33-7	Tungsten, soluble compounds (as W)				A	Tungsten, soluble compounds (as W)	1	-	3	-	-	-	-
7440-36-0	Antimony & compounds (as Sb)				A	Antimony & compounds (as Sb)	0.5	-	-	-	-	-	-
7440-38-2	Arsenic	T: R23/25 N: R50-53	T, N R: 23/25-50/53 S: (1/2)-20/21-28-45-60-61	Conc>=25%; T; >=3%Conc<25%; Xn; R20/22	Eu; A	Arsenic & soluble compounds (as As)	0.05	-	-	-	1	-	-
7440-38-2	Arsenic and soluble compounds (as As)				A	Arsenic & soluble compounds (as As)	0.05	-	-	-	1	-	-
7440-38-2	Arsenic	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T: R23/25 Xn; R48/20/21/22 N: R50-53	T: N R: 45-23/25-48/20/21/22-68-50-53	Conc>=25%; T; R45; R68; R23/25; R48/20/21/22 >=10%Conc<25%; T; R45; R68; R20/22; R48/20/21/22 >=3%Conc<10%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	NEur; A	Arsenic & soluble compounds (as As)	0.05	-	-	-	1	-	-
7440-39-3	Barium soluble compounds (as Ba)				A	Barium, soluble compounds (as Ba)	0.5	-	-	-	-	-	-
7440-41-7	Beryllium	Carc. Cat. 2; R49 T+: R26 T: R25-48/23 Xi; R36/37/38 R43	T+; R: 49 - 25 - 26 - 36/37/38 - 43 - 48/23 , S: 53 - 45 ; Note: E	Conc>=25%; T+; R49; R26; R25-48/23; R36/37/38; R43 >=20%Conc<25%; T+; R49; R26; R22; R48/23; R36/37/38; R43 >=10%Conc<20%; T+; R49; R26; R22; R48/23; R43 >=7%Conc<10%; T+; R49; R26; R22-48/20; R43 >=3%Conc<7%; T; R49; R23; R22-48/20; R43 >=1%Conc<3%; T; R49; R23; R48/20; R43 >=0.1%Conc<1%; T; R49; R20	Eu; A	Beryllium & compounds	0.002	-	-	2	-	-	-
7440-43-9	Cadmium (non-pyrophoric) (Note: see also CAS No. 1306-19-0)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62-63 T+: R26 T: R48/23/25 N: R50-53	T+; N R: 45-26-48/23/25-62-63-68-50/53 S: 53-45-60-61; Note: E	Conc>=10%; T+; R45; R68; R62-63; R26; R48/23/25 >=7%Conc<10%; T+; R45; R68; R62-63; R26; R48/20/22 >=5%Conc<7%; T; R45; R68; R62-63; R23; R48/20/22 >=1%Conc<5%; T; R45; R68; R23; R48/20/22 >=0.1%Conc<1%; T; R45; R20	Eu; A	Cadmium and compounds (as Cd)	0.01	-	-	2	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Cardinogen Category	Notices	Notes
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62-63 T+; R26 T; R48/23/25 F; R17 N; R50-53	F; T+; N R: 45-17-26-48/23/25-62-63-68-50/53 S: 53-45-7/8-43-60-61; Note: >=1%Conc<5%; T; R45; R68; R23; R48/20/22 E	Conc>=10%; T+; R45; R68; R62-63; R26; R48/23/25 >=7%Conc<10%; T+; R45; R68; R62-63; R26; R48/20/22 >=5%Conc<7%; T; R45; R68; R62-63; R23; R48/20/22 >=1%Conc<5%; T; R45; R68; R23; R48/20/22 >=0.1%Conc<1%; T; R45; R20	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-	-
7440-43-9	Cadmium (pyrophoric)					Cadmium and compounds (as Cd)	-						
7440-43-9	Cadmium				A	Cd)	-	0.01	-	-	2	-	-
7440-47-3	Chromium metal				A	Chromium (metal)	-	0.5	-	-	-	-	-
7440-48-4	Cobalt (incl metal dust & fume as Co)	R42/43 R63	Xn R: 42/43 - 53 S: (2) - 22 - 24 - 37 - 61	Conc>=1%; Xn; R42/43	Eu; A	Cobalt, metal dust & fume (as Co) (h)	-	0.05	-	-	-	Sen	-
7440-50-8	Copper (dust & mist) (as Cu) [Copper (fume)]				A	Copper, dusts & mists (as Cu)	-	1	-	-	-	-	-
7440-50-8	Copper (dust & mist) (as Cu) [Copper (fume)]				A	Copper (fume)	-	0.2	-	-	-	-	-
7440-58-6	Hafnium				A	Hafnium	-	0.5	-	-	-	-	-
		T+; R26/28 R33 R53	T+ R: 26/28 - 33 - 53 S: (1/2) - 20/21 - 45 - 61	Conc>=7%; T+; R26/28; R33 >=1%Conc<7%; T; R23/25; R33 >=0.1%Conc<1%; Xn; R20/22	Eu; A	Uranium (natural), soluble & insoluble compounds (as H)	-	0.2	-	0.6	-	-	-
7440-61-1	Uranium												
7440-65-5	Yttrium, metal and compounds (as Y)				A	Yttrium, metal & compounds (as Y)	-	1	-	-	-	-	-
7440-66-6	Zinc powder - zinc dust (pyrophoric)	F; R15-17 N; R50-53	F; N R: 15-17-50/53 S: (2-43-46-60-61		Eu	-	-	-	-	-	-	-	-
7440-66-6	Zinc powder - zinc dust (stabilized)	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
7440-67-7	Zirconium powder (pyrophoric)	F; R15-17	F; R15 - 17, S: (2) - 7/8 - 43		Eu	Zirconium compounds (as Zr)	-	5	-	10	-	-	-
7440-70-2	Calcium	F; R15	F; R15, S: (2) - 8 - 24/25 - 43		Eu	-	-	-	-	-	-	-	-
7440-74-6	Indium & compounds (as In)				A	Indium & compounds (as In)	-	0.1	-	-	-	-	-
7443-52-9	trans-2-Methylcyclohexanol(Note: see also CAS No 583-59-5 & 7443-70-1)	Xn; R20	Xn; R: 20 S: (2) - 24/25; Note: C	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
7443-70-1	dis-2-Methylcyclohexanol(Note: see also CAS No 583-59-5 & 7443-52-9)	Xn; R20	Xn; R: 20 S: (2) - 24/25; Note: C	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
		T											
7446-09-5	Sulfur dioxide [Sulphur dioxide]	T; R23 C; R34	R: 23 - 34 S: (1/2) - 9 - 26 - 36/37/39 - 45	Conc>=20%; T; R23; R34 >=5%Conc<20%; C; R20; R34 >=0.5%Conc<5%; Xi; R36/37/38	Eu; A	Sulphur dioxide	2	5.2	5	13	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33		Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61									
7446-14-2	Sulfuric acid, lead(2+) salt (1:1)		T R: 61-33-40-48/22-62-68		N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7446-18-6	Dithallium sulphate [Thallic sulphate]	T+; R28 T; R48/25 Xi; R38 N; R51-53	T+; N; R: 28 - 38 - 48/25 - 51/53; S: (1/2) - 13 - 36/37 - 45 - 61	Conc>=20%; T+; R28; R48/25; R38 >=10%Conc<20%; T+; R28, R48/25 >=7%Conc<10%; T+; R28; R48/22 >=1%Conc<7%; T; R25; R48/22 >=0,1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
		Xn; R22 R41 N; R50-53	Xn; N R: 22-41-50/53 S: (2-22-26-39-46-60-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
7446-19-7	Zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate) (Note: see also CAS No. 7733-02-0)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33 R33 N; R50-53	T; N R: 61-33-40-48/22-62-68-50-53 C; R; 34; S: (1/2) - 7/8 - 28 - 45	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0,5%Conc>=1%; T; R61 Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	N/Eu	-	-	-	-	-	-	-	-
7446-27-7	Phosphoric acid, lead(2+) salt (2:3) [Trilead-bis(orthophosphate)]	C; R34			Eu	-	-	-	-	-	-	-	-
7446-70-0	Aluminium chloride, anhydrous	E; R3 F; R11 Xn; R48/22 N; R50-53	E; Xn; N R: 3-11-48/22-50/53 S: (2-14-22-33-35-36-60-61	Conc>=10%; Xn; R48/22 Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
7456-68-0	4,4'-Oxybis(benzenesulfonylazide)	Xi; R41 R43 R52-53	Xi R: 41-43-52/53 S: (2-24-26-37/39-61	Conc>=10%; Xn; R48/22 Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
7480-35-5	cis-1-Amino-2,3-dihydro-1H-inden-2-ol			Conc>=10%; T+; R62; R68; R28; R48/24/25; R34 >=7%Conc<10%; T+; R62; R68; R28; R48/21/22; R36/38 >=5%Conc<7%; T; R62; R68; R25; R48/21/22; R36/38 S: (1/2)-26-36/37/39-45-60-61 C; R; 14 - 34 , S: (1/2) - 7/8 - 26 - 36/37/39 - 45	EuA	-	0.003	0.025	-	-	-	-	-
7487-94-7	Mercury dichloride [Mercuric chloride]	Muta. Cat. 3; R68 Repr. Cat. 3; R62 T+; R28 T; R48/24/25 C; R34 N; R50-53	T+; N R: 28-34-48/24/25-62-68-50/53 S: (1/2)-26-36/37/39-45-60-61 C; R; 14 - 34 , S: (1/2) - 7/8 - 26 - 36/37/39 - 45	Mercury, inorganic divalent compounds (as Hg) >=0,1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
7550-45-0	Titanium tetrachloride	R14 C; R34	C; R; 14 - 34 , S: (1/2) - 7/8 - 26 - 36/37/39 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
7553-56-2	Iodine	Xn; R20/21 N; R50	Xn; N; R: 20/21 - 50, S: (2) - 23 - 25 - 61	Conc>=25%; Xn; R20/21	Eu; A	Iodine	0.1 Peak limitation	1 Peak limitation	-	-	-	-	-
7572-29-4	Dichloroacetylene	E; R2 Carc. Cat. 3; R40 Xn; R48/20	E; Xn; R: 2 - 40 - 48/20 , S: (2) - 36/37	Conc>=10%; Xn; R40; R48/20 >=1%Conc<10%; Xn; R40	Eu; A	Dichloroacetylene	0.1 Peak limitation	0.39 Peak limitation	-	-	3	-	-
7580-31-6	Hexanoic acid, 2-ethyl-, nickel salt			Conc>=25%; T; R49; R61; R62; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R62; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R62; R68; R48/23; R42/43 >=5%Conc<10%; T; R49; R61; R62; R68; R48/20; R42/43 >=1%Conc<5%; T; R49; R61; R68;	N	-	-	-	-	-	-	-	-
7580-67-8	Lithium hydride				A	Lithium hydride	-	0.025	-	-	-	-	-
7585-14-0	Di-n-octylaluminium iodide	R14 F; R17 C; R34 N; R50-53	F; C; N; R: 14 - 17 - 34 - 50/53 S: (1/2) - 6 - 16 - 26 - 36/37/39 - 43 - 45 - 60 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7601-89-0	Sodium perchlorate	O; R9 Xn; R22	O; Xn; R: 9 - 22 , S: (2) - 13 - 22 - 27	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
7601-90-3	Perchloric acid ... %	R5 O; R8 C; R35	O; C; R: 5 - 8 - 35 , S: (1/2) - 23 - 26 - 36 - 45 ; Note: B	Conc>=50%; C; R35 >=10%Conc<50%; C; R34 >=1%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7616-94-6	Perchloryl fluoride				A	Perchloryl fluoride	3	13	6	25	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 1; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R63 T; R23/25 Xn; R21-48/20/21/22		Conc>=25%; T; R45; R63; R68; R23/25; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R63; R68; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R63; R68; R20/22 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-
7631-89-2	Arsenic acid (H3AsO4), sodium salt	Xn; R22 R31		Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N; A	Sodium bisulphite	-	5	-	-	-	-	-
7631-90-5	Sulfurous acid, monosodium salt [Sodium hydrogensulphite,%; Sodium bisulphite,%]	Xi; R41	R: 22-31-41										
7632-00-0	Sodium nitrite	O; R8 T; R25 N; R50	O ; T ; N ; R : 8 - 25 - 50, S : (1/2) - 45 - 61	Conc>=5%; T; R25 >=1%Conc<5%; Xn; R22	Eu	-	-	-	-	-	-	-	-
7632-04-4	Sodium peroxomelaborate [Sodium peroxoborate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 15120-21-5, 11138-47-9, 12040-72-1 & 10332-33-9)	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xn; R22 Xi; R37-41	O; T R: 61-8-22-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R37; R41 >=20%Conc<22%; T; R61; R62; R36/37 >=14%Conc<20%; T; R61; R62; R36 >=9%Conc<14%; T; R61; R62 >=6.5%Conc<9%; T; R61; R62	Eu	-	-	-	-	-	-	-	-
		O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R23 Xn; R22 Xi; R37-41		Conc>=25%; T; R61; R62; R23; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R20; R37; R41 >=20%Conc<22%; T; R61; R62; R20; R36/37 >=14%Conc<20%; T; R61; R62; R20; R36 >=9%Conc<14%; T; R61; R62; R20 >=6.5%Conc<9%; T; R61; R62 >=3%Conc<6.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
7632-04-4		R14 T+; R26 C; R35	T+ ; C ; R : 14 - 26 - 35, S : (1/2) - 9 - 26 - 28 - 36/37/39 - 45	Conc>=1%; T+; R26; R35 >=0.2%Conc<1%; T; R23; R34 >=0.02%Conc<0.2%; Xn; R20; R37	Eu; A	Boron trifluoride	1 Peak limitation	2.8 Peak limitation	-	-	-	-	-
7637-07-2	Boron trifluoride [Trifluoroborane]	F; R15	F; R15 S: (2) - 7/8 - 24/25 - 43		Eu	-	-	-	-	-	-	-	-
7646-69-7	Sodium hydride												
7646-78-8	Stannic chloride [Tin tetrachloride]	C; R34 R52-53	C R: 34-52/53 S: (1/2)-7/8-26-45-61	Conc>=10%; C; R34 >=5%Conc<10 %; Xi; R36/37/38	Eu; A	Tin, oxide & inorganic compounds, except SnH4 (as Sn)	-	2	-	-	-	-	-
7646-79-9	Cobalt dichloride	Carc. Cat. 2; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R60 Xn; R22 R42/43 N; R50-53	T; N R: 49-60-22-42/43-68-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T; R49; R60; R68; R22; R42/43 >=1%Conc<25%; T; R49; R60; R68; R42/43 >=0.5%Conc<1%; T; R49; R60 >=0.01%Conc<0.5%; T; R49	Eu	-	-	-	-	-	-	-	-
7646-85-7	Zinc chloride	Xn; R22 C; R34 N; R50-53	C; N R: 22-34-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu; A	Zinc chloride (fume)	1	-	2	-	-	-	-
7646-93-7	Potassium hydrogensulphate	C; R34 Xi; R37	C ; R : 34 - 37 , S : (1/2) - 26 - 36/37/39 - 45	Conc>=20%; C; R34; R37 >=10%Conc<20%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7647-01-0	Hydrogen chloride	C; R35 T; R23	T ; C ; R : 23 - 35 , S : (1/2) - 9 - 26 - 36/37/39 - 45	Conc>=5%; T; R23, R35 >=1%Conc<5%; C; R35; R20 >=0.5%Conc<1%; C; R34; R20 >=0.2%Conc<0.5%; C; R34 >=0.02%Conc<0.2%; Xi; R36/37/38	Eu; A	Hydrogen chloride	5 Peak limitation	7.5 Peak limitation	-	-	-	-	-
7647-18-9	Antimony pentachloride	C; R34 N; R51-53	C; N R: 34-51/53 S: (1/2)-26-45-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu; A	Antimony & compounds (as Sb)	-	0.5	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7664-38-2	Orthophosphoric acid ... % [Phosphoric acid ... %]	C; R34	C : R 34 ; S: (1/2) - 26 - 45 ; Note: B	Conc<=25% C; R34 >=10%Conc<25% Xi; R36/38	Eu; A	Phosphoric acid	-	1	-	3	-	-	-
7664-39-3	Hydrofluoric acid %	T+; R26/27/28 C;R35	T+ ; C ; R: 26/27/28 - 35 S: (1/2) - 7/9 - 26 - 36/37 - 45 Note: B	Conc<=7% T+; R26/27/28; R35 >=1%Conc<7% T; R23/24/25; R34 >=0.1%Conc<1% Xn; R20/21/22; R36/37/38	Eu; A	Hydrogen fluoride (as F)	3 Peak limitation	2.6 Peak limitation	-	-	-	-	-
7664-39-3	Hydrogen fluoride	T+; R26/27/28 C; R35	T+ ; C ; R: 26/27/28 - 35, S: (1/2) - 7/9 - 26 - 36/37 - 39 - 45	Conc<=7% T+; R26/27/28; R35 >=1%Conc<7% T; R23/24/25; R34 >=0.1%Conc<1% Xn; R20/21/22; R36/37/38	Eu/N; A	Hydrogen fluoride (as F)	3 Peak limitation	2.6 Peak limitation	-	-	-	-	-
7664-41-7	Ammonia, anhydrous	R10 T: R23 C: R34 N: R50	T: N R: 10-23-34-50 S: (1/2)-9-16-26-36/37/39-45 61	Conc<=5% T; R23; R34 >=0.5%Conc<5% Xn; R20; R36/37/38	Eu; A	Ammonia	25	17	35	24	-	-	-
7664-93-9	Sulphuric acid ... % [Sulfuric acid ... %]	C; R35	C ; R: 35 ; S: (1/2) - 26 - 30 - 45; Note: B	Conc<=15% C; R35 >=5%Conc<15% Xi; R36/38	Eu; A	Sulphuric acid	-	1	-	3	-	-	-
7681-38-1	Sodium hydrogensulphate [Sodium bisulphate] (Note: UN2837 only refers to the aqueous solution of this salt.)	Xi; R41	Xi ; R: 41, S: (2) - 24 - 26	Conc<=10% Xi; R41 >=5%Conc<10% Xi; R36	Eu	-	-	-	-	-	-	-	-
7681-49-4	Sodium fluoride	T; R25 Xi; R36/38 R32	T ; R: 25 - 32 - 36/38 , S: (1/2) - 32 - 36 - 45	Conc<=25% T; R25; R36/38; R32 >=20%Conc<25% Xn; R22; R36/38; R32 >=3%Conc<20% Xn; R22; R32	Eu	-	-	-	-	-	-	-	-
7681-52-9	Sodium hypochlorite, solution ... % Cl active	C; R34 R31 N: R50	C; N R: 31-34-50 S: (1/2)-28-45-50-61; Note: B	Conc<=10% C; R34; R31 >=5%Conc<10% Xi; R36/38; R31	Eu	-	-	-	-	-	-	-	-
7681-57-4	Disulfurous acid, disodium salt [Sodium metabisulphite]	Xn; R22 R31 Xi; R41	Xn R: 22-31-41	Conc<=25% Xn; R22; R41 >=10%Conc<25% Xi; R41 >=5%Conc<10% Xi; R36	N; A	Sodium metabisulphite	-	5	-	-	-	-	-
7693-92-5	4-Decyloxazolidin-2-one [4-Decyl-1,3-oxazolidin-2-one]	N: R50-53	R: 50/53 S: 22-24-60-61	-	Eu	-	-	-	-	-	-	-	-
7697-37-2	Nitric acid ... %	O; R8 C; R35	O : C ; R: 8 - 35, S: (1/2) - 23 - 26 - 36 - 45; Note: B	Conc<=20% C; R35 >=5%Conc<20% C; R34 >=1%Conc<5% Xi; R36/38	Eu; A	Nitric acid	2	5.2	4	10	-	-	-
7700-17-6	Cratoxyphos (ISO) [1-Phenylethyl 3-(dimethoxyphosphinyloxy) isocrotonate]	T; R24/25 N: R50-53	T; N R: 24/25-50/53 S: (1/2)-28-36/37-45-60-61	Conc<=25% T; R24/25 >=3%Conc<25% Xn; R21/22	Eu	-	-	-	-	-	-	-	-
7704-34-9	Sulfur	Xi; R38	Xi R: 38 S: (2) /46	Conc<=20% Xi; R38	Eu	-	-	-	-	-	-	-	-
7719-54-9	Nickel chloride (NiCl2) [Nickel dichloride]	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R23-48/23 Xn; R22 Xi; R38 R42/43 N: R50-53	T: N R: 49-61-22-23-38-42/43-48/23-66-50-53	Conc<=25% T; R49; R61; R68; R23; R48/23; R22; R38; R42/43 >=20%Conc<25% T; R49; R61; R68; R48/23; R20; R38; R42/43 >=10%Conc<20% T; R49; R61; R68; R48/23; R20; R42/43 >=3%Conc<10% T; R49; R61; R68; R48/20; R20; R42/43 >=1%Conc<3% T; R49; R61; R68; R4	N/Eu; A	Nickel, soluble compounds (as Ni)	-	0.1	-	-	-	Sen	-
7719-09-7	Thionyl chloride [Thionyl dichloride]	R14 R29 Xn: R20/22 C; R35	C ; R: 14 - 20/22 - 29 - 35 S: (1/2) - 26 - 36/37/39 - 45	Conc<=25% C; R35; R20/22; R29 >=10%Conc<25% C; R35; R29 >=5%Conc<10% C; R34; R29 >=1%Conc<5% Xi; R36/37/38; R29	Eu; A	Thionyl chloride	1 Peak limitation	4.9 Peak limitation	-	-	-	-	-
7719-12-2	Phosphorus trichloride	R14 R29 T+; R26/28 Xn: R48/20 C; R35	T+ ; C ; R: 14 - 29 - 26/28 - 35 - 48/20 S: (1/2) - 7/8 - 26 - 36/37/39 - 45	Conc<=10% T+; R26/28; R35; R48/20; R29 >=7%Conc<10% T+; R26/28; R34; R29 >=5%Conc<7% T; R23/25; R34; R29 >=1%Conc<5% T; R23/25; R36/38; R29 >=0.1%Conc<1% Xn; R20/22; R29	Eu; A	Phosphorus trichloride	0.2	1.1	0.5	2.8	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7720-78-7	Iron (II) sulfate	Xn; R22 Xi; R36/38 O; R8 Xn; R22 N; R50-53	Xn R: 22-36/38 S: (2)-46 O ; Xn : N ; R: 8 - 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu;A	Iron salts, soluble (as Fe)	-	1	-	-	-	-
7722-84-7	Potassium permanganate	Xn; R22 N; R50-53	O ; Xn : N ; R: 8 - 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
7722-84-1	Hydrogen peroxide solution ... %	R5 O; R8 C; R35 Xn; R20/22	O; C R: 5-8-20/22-35 S: (1/2)-17-26-28-36/37/39-45; Note: B	Conc>=70%; C; R35; R20/22 >=50%Conc<70%; C; R20/22; R34 >=35%Conc<50%; Xn; R22; R37/38; R41 >=8%Conc<35%; Xn; R22; R41 >=5%Conc<8%; Xi; R36	Eu; A	Hydrogen peroxide	1	1.4	-	-	-	-
7722-88-5	Tetrasodium pyrophosphate				A	Tetrasodium pyrophosphate	-	5	-	-	-	-
7723-14-0	Phosphorus, yellow				A	Phosphorus (yellow)	-	0.1	-	-	-	-
7723-14-0	Red phosphorus	F; R11 R16 R52-53	F R: 11-16-52/53 S: (2)-7-43-61		Eu	-	-	-	-	-	-	-
7726-95-6	Bromine	T+; R26 C; R35 N; R50	T+ ; C ; N ; R: 26 - 35 - 50, S: (1/2) - 7/9 - 26 - 45 - 61	Conc>=10%; T+; R26; R35 >=7%Conc<10%; T+; R26; R34 >=5%Conc<7%; T; R23; R34 >=1%Conc<5%; T; R23; R36/38 >=0.1%Conc<1%; Xn; R20	Eu; A	Bromine	0.1	0.66	0.3	2	-	-
7727-21-1	Potassium persulfate [Dipotassium peroxodisulfate]	O; R8 Xn; R22 Xi; R36/37/38 R42/43	O; Xn; R: 8 - 22 - R36/37/38 - 42/43, S: (2) - 3 - 7 - 17 - 22 - 24 - 26 - 37 - 51	Conc>=25%; Xn; R22; R42/43; R36/37/38 >=20%Conc<25%; Xn; R42/43; R36/37/38 >=1%Conc<20%; Xn; R42/43	Eu/N	Potassium Persulfate	-	0.1 Peak Limitation	-	-	-	-
7727-54-0	Ammonium persulfate [Diammonium peroxodisulfate]	O; R8 Xn; R22 Xi; R36/37/38 R42/43	O; Xn; R: 8 - 22 - R36/37/38 - 42/43, S: (2) - 3 - 7 - 17 - 22 - 24 - 26 - 37 - 51	Conc>=25%; Xn; R22; R42/43; R36/37/38 >=20%Conc<25%; Xn; R42/43; R36/37/38 >=1%Conc<20%; Xn; R42/43	Eu/N	Ammonium Persulfate	-	0.1 Peak Limitation	-	-	-	-
7733-02-0	Zinc sulphate (anhydrous)(Note: see also CAS No. 7446-19-7)	Xn; R22 R41 N; R50-53	Xn; N R: 22-41-50/53 S: (2)-32-26-39-46-60-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
7738-94-5	Chromic acid (H2CrO4)	Carc. Cat. 1; R45 Repr. Cat. 2; R60-61 T+; R26 T; R24/25-48/23 C; R35 R42/43	T+; C R: 45-60-61-24/25-26-35-42/43-48/23	Conc>=25%; T+; R45; R60; R61; R26; R24/25; R48/23; R35; R42/43 >=10%Conc<25%; T+; R45; R60; R61; R26; R48/23; R35; R21/22; R42/43 >=7%Conc<10%; T+; R45; R60; R61; R26; R34; R21/22; R48/20; R42/43 >=5%Conc<7%; T; R45; R60; R61; R23; R34; R21/22; R48/20; R4	N	-	-	-	-	-	-	-
7757-74-6	Disulfurous acid, disodium salt	Xn; R22 R31 Xi; R41	Xn R: 22-31-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-
7757-83-7	Sulfurous acid, disodium salt	Xn; R22 R31 Xi; R41	Xn R: 22-31-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-
7758-01-2	Potassium bromate	O; R9 Carc. Cat. 2; R45 T; R25	T ; O ; R: 45 - 9 - 25 , S: 53 - 45 ; Note: E	Conc>=25%; T; R45; R25 >=3%Conc<25%; T; R45; R22 >=0.1%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-
7758-09-0	Potassium nitrite	O; R8 T; R25 N; R50	O ; T ; N ; R: 8 - 25 - 50, S: (1/2) - 45 - 61	Conc>=5%; T; R25 >=1%Conc<5%; Xn; R22	Eu	-	-	-	-	-	-	-
7758-89-6	Copper (I) chloride [Copper chloride; Cuprous chloride]	Xn; R22 N; R50-53	Xn; N R: 22 - 50/53, S: (2) - 22 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T; R23 Xn; R48/20 R33 R43 N; R50-53		Conc>=25%; T; R45; R61; R62; R68; R23; R48/20; R43; R33 >=10%Conc<25%; T; R45; R61; R62; R68; R20; R48/20; R43; R33 >=5%Conc<10%; T; R45; R61; R62; R68; R20; R43; R33 >=3%Conc<5%; T; R45; R61; R68; R20; R43; R33 T; N R: 45-61-23-33-43-48/20-62- 68-50-53	N/Eu	Lead chromate (as Cr) (h)	-	-	0.05	2	-	-
7758-97-6	Chromic acid (H2CrO4), lead(2+) salt (1:1) [Lead chromate]											
7758-98-7	Copper sulphate	Xn; R22 Xi; R36/38 N; R50-53	Xn; N; R: 22 - 36/38 - 50/53 , S: (2) - 22 - 60 - 61	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	Eu		-	-	-	-	-	-
7761-88-8	Silver nitrate	O; R8 C; R34 N; R50-53	O; C; N R: 8-34-50/53 S: (1/2-)/26-36/37/39-45-60- 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu/A	Silver, soluble compounds (as Ag)	-	-	0.01	-	-	-
7773-06-0	Ammonium sulfamate				A	Ammonium sulphamate	-	-	10	-	-	-
7775-09-9	Sodium chlorate	O; R9 Xn; R22 N; R51-53	O; Xn; N R: 9-22-51/53 S: (2-)/13-17-46-61	Conc>=25%; Xn; R22	Eu		-	-	-	-	-	-
7775-11-3	Chromic acid (H2CrO4), disodium salt [Sodium chromate (VI)]	Carc. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23 C; R34 Xn; R21 R42/43 N; R50-53 R7.	T+ R: 45-46-60-61-21-25-26-34- 42/43-48/23-50-53	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N/Eu		-	-	-	-	-	-
7775-14-6	Sodium dithionite [Sodium hydrosulphite]	Xn; R22 O; R8 Xn; R22 Xi; R36/37/38 R42/43	Xn; R: 7 - 22 - 31, S: (2) - 7/8 - 26 - 28 - 43 O; Xn; R: 8 - 22 - R36/37/38 -42/43, S: (2) 3 - 7 - 17 - 22 - 24 - 26 - 37 - 51	Conc>=25%; Xn; R22; R31 Conc>=25%; Xn; R22; R42/43; R36/37/38 >=20%Conc<25%; Xn; R42/43; R36/37/38 >=1%Conc<20%; Xn; R42/43	Eu		-	-	-	-	-	-
7775-27-1	Sodium persulphate [Sodium peroxodisulphate]				N	Sodium Persulfate	-	-	0.1 Peak limitation	-	-	-
7778-39-4	Arsenic acid (H3AsO4)	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T; R23/25 Xn; R21-48/20/21/22 C; R34	T R: 45-21-23/25-34- 48/20/21/22-68	Conc>=25%; T; R45; R68; R23/25; R34; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R68; R34; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R68; R20/22; R36/38 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N		-	-	-	-	-	-
7778-43-0	Arsenic acid (H3AsO4), disodium salt	Carc. Cat. 1; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R63 T; R23/25 Xn; R21-48/20/21/22	T R: 45-21-23/25-48/20/21/22- 63-68	Conc>=25%; T; R45; R63; R68; R23/25; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R63; R68; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R63; R68; R20/22 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N		-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7778-50-9	Chromic acid (H2CrO7), dipotassium salt [Potassium dichromate]	O; R8 Carc. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23 C; R34	O; T+; N R: 8-45-46-60-61-21-25-26-34-42/43-48/23-50-53	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N/Eu	-	-	-	-	-	-	-	-
		O; R8 C; R34 Xn; R22 R31											
		N; R50											
7778-54-3	Calcium hypochlorite				Eu	-	-	-	-	-	-	-	-
7778-73-6	Potassium pentachlorophenate [Potassium pentachlorophenate](Note: see also CAS No 131-52-2)	Carc. Cat. 3; R40 T+; R26 T; R24/25 Xi; R36/37/38 N; R50-53	T+; N; R: 24/25 - 26 - 36/37/38 - 40 - 50/53 S: (1/2) - 22 - 28 - 36/37 - 45 - 52 - 60 - 61 O; Xn; R: 9 - 22, S: (2) - 13 - 22 - 27	Conc>=25%; T+; R40; R26; R24/25; R36/37/38 >=20%Conc<25%; T+; R40; R26; R21/22; R36/37/38 >=7%Conc<20%; T+; R40; R26; R21/22 >=3%Conc<7%; T; R40; R23; R21/22 >=1%Conc<3%; T; R40; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
		O; R9											
		Xn; R22											
7778-74-7	Potassium perchlorate			Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
7778-85-0	1,2-Dimethoxypropane	F; R11 R; 19	F; R11 - 19, S: (2) - 9 - 16 - 24/25 - 33		Eu	-	-	-	-	-	-	-	-
7779-90-0	Trizinc bis(orthophosphate)		N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
7782-41-4	Fluorine	O; R8 T+; R26 C; R35	O; T+; C R: 8-26-35 S: (1/2)-19-26-28-36/37-39-45	Conc>=1%; T+; R26; R35 >=0.2%Conc<1%; T; R23; R34 >=0.02%Conc<0.2%; Xn; R20; R36/37/38	Eu/A	Fluorine	1	1.6	2	3.1	-	-	-
7782-42-5	Graphite (all forms except fibres) (respirable dust)				A	Graphite (all forms except fibres) (respirable dust)(g)(natural & synthetic)	-	3	-	-	-	-	(see Chapter 14)
7782-44-7	Oxygen	O; R8	O; R8, S: (2) - 17		Eu	-	-	-	-	-	-	-	-
7782-49-2	Selenium	T; R23/25 R33 R53	T R: 23/25 - 33 - 53 S: (1/2) - 20/21 - 28 - 45 - 61	Conc>=25%; T; R23/25; R33 >=3%Conc<25%; Xn; R20/22; R33 >=1%Conc<3%; Xn; R33	Eu; A	Selenium compounds (as Se) excluding hydrogen selenide	-	0.1	-	-	-	-	-
7782-50-5	Chlorine	T; R23 Xi; R36/37/38 N; R50	T; R23 R: 23-36/37/38-50 S: (1/2)-19-45-61	Conc>=5%; T; R23; R36/37/38 >=0.5%Conc<5%; Xn; R20	Eu/A	Chlorine	1 Peak limitation	3 Peak limitation	-	-	-	-	-
7782-63-0	Iron (II) sulfate (1:1) heptahydrate [Sulfuric acid, iron(II) salt (1:1), heptahydrate; Ferrous sulfate heptahydrate]	Xn; R22 Xi; R36/38	Xn R: 22-36/38 S: (2-46)	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36	Eu	Iron salts, soluble (as Fe)	-	1	-	-	-	-	-
7782-65-2	Germanium tetrahydride				A	Germanium tetrahydride	0.2	0.63	-	-	-	-	-
7782-91-4	Molybdate (MoO42-), dihydrogen, (T-4)-	Carc. Cat. 3; R40 Xi; R36/37	Xn R: 36/37-40	Conc>=20%; Xn; R40; R36/37 >=1%Conc<20%; Xn; R40	N	-	-	-	-	-	-	-	-
7783-06-4	Hydrogen sulphide	F+; R12 T+; R26 N; R50	F+; T+; N R: 12-26-50 S: (1/2)-19-16-36-38-45-61	Conc>=1%; T+; R26 >=0.2%Conc<1%; T; R23 >=0.02%Conc<0.2%; Xn; R20	Eu; A	Hydrogen sulphide	10	14	15	21	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7784-46-5	Arsenorous acid, sodium salt	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T+; R28 T; R23-48/23/25 C; R34	T+ R: 23-28-34-45-48/23/25-68	Conc>=25%; T+; R45; R68; R28; R23; R48/23/25; R34 >=10%Conc<25%; T+; R45; R68; R28; R48/23/25; R34; R20 >=7%Conc<10%; T+; R45; R68; R28; R20; R48/20/22; R36/38 >=5%Conc<7%; T; R45; R68; R25; R20; R48/20/22; R36/38 >=3%Conc<5%; T; R45; R68; R25; R20; R48/2	N	-	-	-	-	-	-	-	-
				Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49									
				T R: 49-61-20/22-38-42/43- 48/23-68									
7785-20-8	Sulfuric acid, ammonium nickel(2+) salt (2:2:1), hexahydrate	Xi; R38 R42/43			N	-	-	-	-	-	-	-	-
7785-87-7	Manganese sulphate	Xn; R48/20/22 N; R51-53	Xn; N; R: 48/20/22 - 51/53, S: (2) - 22 - 61	Conc>=10%; Xn; R48/20/22	Eu	-	-	-	-	-	-	-	-
7786-34-7	Mevinphos (ISO) [2-Methoxycarbonyl-1-methylvinyl dimethyl phosphate]	T+; R27/28 N; R50-53	T+; N R: 27/28-50/53 S: (1/2-)23-28-36/37-45-60- 61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu; A	Mevinphos	0.01	0.092	0.03	0.27	-	Sk	-
7786-81-4	Nickel sulfate	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43 N; R50-53	T; N R: 49-61-20/22-38-42/43- 48/23-68-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=1%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=0.5%Conc<1%; T; R49; R61; R48/20; R43 >=0.1%Conc<0.5%; T; R49; R48/20; R43 >=0.01%Conc<0.1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
7788-98-9	Chromic acid (H2CrO4), diammonium salt	Carc. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23 C; R34 Xn; R21 R42/43	R: 45-46-60-61-21-25-26-34- 42/43-48/23	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N	-	-	-	-	-	-	-	-
7789-00-6	Chromic acid (H2CrO4), dipotassium salt [Potassium chromate]	Carc. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23 C; R34 Xn; R21 R42/43 N; R50-53	R: 45-46-60-61-21-25-26-34- 42/43-48/23-50-53	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N/Eu	-	-	-	-	-	-	-	-
7789-06-2	Chromic acid (H2CrO4), strontium salt (1:1) [Strontium chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; 50-53	T; M R: 45-22-23-43-48/20-50/53	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N/Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7789-09-5	Chronic acid (H2Cr2O7), diammonium salt [Ammonium Dichromate]	E; R2	E, T+; N R: 2-8-45-46-60-61-21-25-26 34-42/43-48/23-50-53	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N/Eu	-	-	-	-	-	-	-	
		O; R8											
		Carc. Cat. 1; R45											
		Muta. Cat. 2; R46											
		Repr. Cat. 2; R60-61											
7789-12-0	Chromic acid (H2Cr2O7), disodium salt, dihydrate	T+; R26	T+ R: 45-46-60-61-21-25-26-34- 42/43-48/23	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N	-	-	-	-	-	-		
		T; R25-48/23											
		C; R34											
		Xn; R21											
		R42/43											
7789-21-1	Fluorosulphonic acid	Xn; R20	C ; R: 20 - 35 , S: (1/2) - 26 - 45 T ; R: 23/24/25 , S: (1/2) - 26 - 45	Conc>=25%; C; R35; R20 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-		
		C; R35											
		T; R23/24/25											
		S: (1/2) - 26 - 45											
7789-23-3	Potassium fluoride	T; R25	T ; C ; R: 25 - 34 , S: (1/2) - 22 - 26 - 37 - 45	Conc>=25%; T; R23/24/25 >=3%Conc<25%; Xn; R20/21/22 Conc>=10%; T; R25; R34 >=1%Conc<10%; C; R34; R22 >= 0.1%Conc<1%; Xi; R36/38	Eu	-	-	-	-	-	-		
		C; R34											
7789-29-9	Potassium bifluoride [Potassium hydrogen difluoride]	C; R34			Eu	-	-	-	-	-	-		
7789-30-2	Bromine pentafluoride				A	Bromine pentafluoride	0.1	0.72	-	-	-	-	
7789-49-3	Nickel bromide (NiBr2), trihydrate	Carc. Cat. 1; R49	T R: 49-61-20/22-38-42/43- 48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49	N	-	-	-	-	-	-		
		Muta. Cat. 3; R68											
		Repr. Cat. 2; R61											
		T; R48/23											
		Xn; R20/22											
7789-60-8	Phosphorus tribromide	Xi; R38	C ; R: 14 - 34 - 37 , S: (1/2) - 26 - 45	Conc>=20%; C; R34; R37 >=10%Conc<20%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-		
		R42/43											
		R14											
		C; R34											
		Xi; R37											
7789-78-8	Calcium hydride	F; R15	F; R15, S: (2) - 7/8 - 24/25 - 43	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	Eu	-	-	-	-	-	-		
7790-78-5	Cadmium chloride, hydrate (2:5)	Carc. Cat. 2; R45	T+ R: 45-46-60-61-21-25-26- 48/23/25		N	-	-	-	-	-	-	-	
		Muta. Cat. 2; R46											
		Repr. Cat. 2; R60-61											
		T+; R26											
		T; R25-48/23/25											

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 N; R50-53	T+; N R: 45-46-60-61-25-26-48/23/25-50/53 S: 53-45-60-61; E	Conc>=10%; T+; R45; R46; R60/61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60/61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60/61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45; R46; R60/61; R20/22; R48/20/22 >=0.1%Conc<0.5%; T; R45; R46; R20/22; Note: R48/20/22 >=0.01%Conc<0.1%; T; R45	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	2	-	-	
7790-79-6	Cadmium fluoride	T; R23/25 R33 Xn; R68 N; R50-53	T; N R: 23/25-33-68-50/53 S: (1/2)-22-45-60-61	Conc>=10%; T; R23/25; R33; R68 >=1%Conc<10%; Xn; R20/22; R33; R68 >=0.1%Conc<1%; Xn; R20/22; R33	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	2	-	-	-
7790-80-9	Cadmium iodide			Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 Note: R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
7790-84-3	Sulfuric acid, cadmium salt (1:1), hydrate (3:8)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 Note: R48/20/22 >=0.5%Conc<1%; T; R45;	A	Chlorine trifluoride	0.1 Peak limitation	0.38 Peak limitation	-	-	-	-	-
7790-91-2	Chlorine trifluoride			Conc>=20%; C; R35; R37 >=10%Conc<20%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu; A	Chlorosulphonic acid	0.209	1	-	-	-	-	-
7790-94-5	Chlorosulphonic acid	R14 C; R35 Xi; R37	C ; R: 14 - 35 - 37 , S: (1/2) - 26 - 45	Conc>=20%; C; R35; R37 >=10%Conc<20%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu; A	Chlorosulphonic acid	0.209	1	-	-	-	-	-
7790-98-9	Ammonium perchlorate(Note: containing < 80 % of 0-30 micrometre particles)	E R: 2-9 S: (2-114-16-36/37	E R: 2-9 S: (2-114-16-36/37	Conc>=20%; C; R35; R37 >=10%Conc<20%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7790-98-9	Ammonium perchlorate(Note: containing >= 80 % of 0-30 micrometre particles)	E R: 3-9 O; R9	E R: 3-9 S: (2-114-16-36/37	Conc>=20%; C; R35; R37 >=10%Conc<20%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
7791-13-1	Cobalt(II) chloride, hexahydrate [Cobaltous chloride, hexahydrate]	Xn; R42 Xi; R43 This substance has only been assessed against the endpoint of sensitisation. This substance has not been subject to a complete assessment for hazard classification in accordance with the approved criteria.	Xn; R: 42/43	Conc>=1%; Xn; R42/43	N	-	-	-	-	-	-	-	-
7791-20-0	Nickel chloride (NiCl2), hexahydrate	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R23-48/23 Xn; R22 Xi; R38 R42/43	T R: 49-61-22-23-38-42/43-48/23-68 C ; R: 14 - 34 - 37 , S: (1/2) - 26 - 45	Conc>=25%; T; R49; R61; R68; R23; R48/23; R22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R20; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R20; R42/43 >=3%Conc<10%; T; R49; R61; R68; R48/20; R20; R42/43 Note: R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
7791-25-5	Sulphuryl chloride [Sulfuryl chloride]	R14 C; R34 Xi; R37	C ; R: 14 - 34 - 37 , S: (1/2) - 26 - 45	Conc>=20%; C; R34; R37 >=10%Conc<20%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
7803-49-8	Hydroxylamine ..% [$\leq$ 55 % in aqueous solution]	R5 Carc. Cat. 3; R40 Xn; R21/22-48/22 Xi; R37/38-41 R43 N; R50	Xn; N R: 5-21/22-37/38-40-41-43-48/22-50 S: (2-26-36/37-39-46-61 Note: B	Conc>=25%; Xn; R40; R21/22; R48/22; R37/38; R41; R43 >=20%Conc<25%; Xn; R40; R48/22; R37/38; R41; R43 >=10%Conc<20%; Xn; R40; R48/22; R41; R43 >=5%Conc<10%; Xn; R40; R36; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
		E; R2 Carc. Cat. 3; R40 Xn; R21/22-48/22 Xi; R37/38-41 R43 N; R50	E; Xn; N R: 2-21/22-37/38-40-41-43-48/22-50 S: (2-26-36/37-39-61 Note: B	Conc>=25%; Xn; R40; R21/22; R48/22; R37/38; R41; R43 >=20%Conc<25%; Xn; R40; R48/22; R37/38; R41; R43 >=10%Conc<20%; Xn; R40; R48/22; R41; R43 >=5%Conc<10%; Xn; R40; R36; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
		F+; R12 T+; R26 N; R50	R17 C; R34 R: 12-17-26-34-50 S: (1/2-28-36/37-45-61-63	Conc>=10%; T+; R26; R34 >=7%Conc<10%; T+; R26; R36/38 >=5%Conc<7%; T; R23; R36/38 >=1%Conc<5%; T; R23 >=0.1%Conc<1%; Xn; R20	Eu; A	Phosphine	0.3	0.42	1	1.4	-	-	-
7803-51-2	Phosphine				Eu; A	Phosphine	0.3	0.42	1	1.4	-	-	-
7803-52-3	Stibine				A	Stibine	0.1	0.51	-	-	-	-	-
7803-57-8	Hydrazine, monohydrate	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25-48/23/25 C; R34 R43	T R: 45-23/24/25-34-43-48/23/25-68	Conc>=25%; T; R45; R68; R23/24/25; R48/23/25; R34; R43 >=10%Conc<25%; T; R45; R68; R48/23/25; R34; R20/21/22; R43 >=5%Conc<10%; T; R45; R68; R20/21/22; R48/20/22; R36/38; R43 >=3%Conc<5%; T; R45; R68; R20/21/22; R48/20/22; R43 >=1%Conc<3%; T; R45; R68; R4	N	-	-	-	-	-	-	-	-
					A	Silicon tetrahydride	5	6.6	-	-	-	-	-
8001-35-2	Camphechlor [Toxaphene; Chlorinated camphene]		T ; N ; R: 21 - 25 - 37/38 - 40 - 50/63 S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R40; R25; R21; R37/38 >=20%Conc<25%; Xn; R40; R22; R37/38 >=3%Conc<20%; Xn; R40; R22 >=1%Conc<3%; Xn; R40	Eu; A	Chlorinated camphene	-	0.5	-	1	-	-	Sk
8001-58-9	Creosote [Wash Oil](Note: The distillate of coal tar produced by the high temperature carbonization of bituminous coal. It consists primarily of aromatic hydrocarbons, tar acids and tar bases)		T										
		Carc. Cat. 2; R45	R: 45 S: 53-45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
			T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
8002-05-9	Petroleum				Eu	-	-	-	-	-	-	-	-
8002-74-2	Paraffin wax (tune)				A	Paraffin wax (tune)	-	2	-	-	-	-	-
8003-05-2	Phenylmercury nitrate, basic(Note: see also CAS No 55-68-5 & 100-57-2)												
		T; R25-48/24/25 C; R34 N; R50-53	T ; N ; R: 25 - 34 - 48/24/25 - 50/63 S: (1/2) - 23 - 24/25 - 37 - 45 - 60 - 61	Conc>=25%; T; R25; R48/24/25; R34 >=10%Conc<25%; T; R48/24/25; R34; R22 >=5%Conc<10%; Xn; R22; R48/21/22; R36/38 >=3%Conc<5%; Xn; R22; R48/21/22 >=1%Conc<3%; Xn; R48/21/22	Eu	-	-	-	-	-	-	-	-
					A	Pyrethrum	-	5	-	-	-	-	Sen

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
8006-61-9	Gasoline, natural [Petrol, natural; Low boiling point naphtha](Note: A complex combination of hydrocarbons separated from natural gas by processes such as refrigeration or absorption. It consists predominantly of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C4 through C8 and boiling in the range of approximately minus 20 °C to 120 °C (-4 °F to 248 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu/A	Petrol (gasoline)	-	900	-	-	-	-	(see Chapter 16)
8006-64-2	Turpentine, oil [Turpentine (wood)](Note: Any of the volatile predominately terpene fractions or distillates resulting from the solvent extraction of gum collection from, or pulping of softwoods. Composed primarily of the C10H16 terpene hydrocarbons: (alpha-pinene, beta-pinene, limonene, 3-carene, camphene. May contain other acyclic, monocyclic, or bicyclic terpenes, oxygenated terpenes, and anethole. Exact composition varies with refining methods and the age, location, and species of the softwood source)	R10 Xn; R20/21/22 Xn; R65 Xn; R36/38 R43 N; R51-53	Xn; N ; R: 10 - 20/21/22 - 36/38 - 43 - 65 - 51/53. S: (2) - 36/37 - 46 - 61 - 62; T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=25%; Xn; R20/21/22; R65; R36/38; R43 >=20%Conc<25%; Xn; R65; R36/38; R43 >=10%Conc<20%; Xn; R65; R43 >=1%Conc<10%; Xi; R43	Eu; A	Turpentine (wood)	100	557	-	-	-	Sen	-
8007-45-2	Tar, coal [Coal tar]	Carc. Cat. 1; R45	Xn; R: R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
8008-20-6	Kerosine (petroleum) [Straight run kerosine; Kerosene]	Xn; R65	Xn; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
8009-03-8	Petrolatum [Petrolatum]	Carc. Cat. 2; R45	Xn; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
8012-95-1	Oil mist, refined mineral				A	Oil mist, refined mineral	-	5	-	-	-	-	-
8018-01-7	Mancoseb (ISO) [Manganese ethylenebis(dithiocarbamate) (polymers) complex with zinc salt]	Repr. Cat. 3; R63 R43 N; R50	Xn; N R: 43-63-50 S: (2)-36/37-46-61	Conc>=5%; Xn; R63; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
8022-00-2	Methyl demeton				A	Methyl demeton	-	0.5	-	-	-	Sk	-
8030-30-6	Naphtha [Low boiling point naphtha](Note: Refined, partly refined, or unrefined petroleum products produced by the distillation of natural gas. It consists of hydrocarbons having carbon numbers predominantly in the range of C5 through C6 and boiling in the range of approximately 100 °C to 200 °C (212 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
8032-32-4	Ligroine [Low boiling point naphtha; Petroleum ether](Note: A complex combination of hydrocarbons obtained by the fractional distillation of petroleum. This fraction boils in a range of approximately 20 °C to 135 °C (58 °F to 275 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
8050-09-7	Rosin [Colophony]	R43	R: 43	Conc>=1%; Xi; R43	N/Eu	-	-	-	-	-	-	-	-
8051-02-3	Sabadilla (ISO) [Veratrine]	Xi; R36/37/38	Xi; R: 36/37/38 , S: (2) - 36/37/39	Conc>=20%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
8052-10-6	Tall oil resin(Note: see also CAS No 8050-09-7 & 73138-82-6)	Xi; R43	Xi; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
8052-41-3	Stoddard solvent [White spirits; Low boiling point naphtha — unspecified](Note: A colorless, refined petroleum distillate that is free from randd or objectionable odors and that boils in a range of approximately 148.8 °C to 204.4 °C. (300 °F to 400 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu/A	White spirits	-	790	-	-	-	-	(see Chapter 16)
8052-42-4	Asphalt, petroleum fumes [Bitumen fumes]				A	Bitumen fumes	-	5	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Butencarb (ISO) [Mixture of 3-(1-methylbutyl)phenyl N-methylcarbamate and 3-(1-ethylpropyl) phenyl N-methylcarbamate]	T; R24/25 N; R50-53	T; N; R: 24/25 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; T; R24/25 >=3%Conc<25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
8065-36-9													
8065-48-3	Demeton	T+ R27/28 N; R50	T+; N; R: 27/28 - 50, S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu; A	Demeton	0.01	0.11	-	-	-	Sk	-
8069-76-9	Mixture of 4,6-dinitro-2-(3-octyl)phenyl methyl carbonate and 4,6-dinitro-2-(4-octyl)phenyl methyl carbonate [Dinodoh-6]	Xn; R22 N; R50-53	Xn; N R: 22 - 50/53 S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
9000-90-2	Anylase, alpha	Xn; R42	Xn; R: 42, S: 2 - 22 - 24 - 36/37	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9001-00-7	Bromelain, juice	Xi; R36/37/38 Xn; R42	Xn; R; R: 36/37/38 - 42, S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9001-22-3	Glucosidase, beta	Xn; R42	Xn; R: 42; S: (2) - 22 - 24 - 36/37	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9001-33-6	Ficin	Xi; R36/37/38 Xn; R42	Xn; R; R: 36/37/38 - 42, S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9001-73-4	Papain	Xi; R36/37/38 Xn; R42	Xn; R: 36/37/38 - 42 S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9001-75-6	Pepsin-A	Xi; R 36/37/38 Xn; R42	Xn; R: 36/37/38 - 42 S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9001-98-3	Rennin	Xi; R36/37/38 Xn; R42	Xn; R: 36/37/38 - 42 S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9002-07-7	Trypsin	Xi; R 36/37/38 Xn; R42	Xn; R: 36/37/38 - 42, S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9004-07-3	Chymotrypsin	Xi; R 36/37/38 Xn; R42	Xn; R; R: 36/37/38 - 42, S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn; R42; R36/37/38 >=1%Conc<20%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9004-82-4	Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy)-, sodium salt (1:1)	Xn; R22 Xi; R36/38	Xn R: 22-36/38	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	N	-	-	-	-	-	-	-	-
9005-90-7	Mineral turpentine	Xn; R65 Xi; R38	Xn; R; R: 65 - 38 Xi	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	A, P	Mineral turpentine	-	480	-	-	-	-	(see Chapter 16)
9007-13-0	Resin acids and rosin acids, calcium salts	R43	R 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
9012-54-8	Cellulase	Xn; R42	Xn; R42, S: (2) - 22 - 24 - 36/37	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9014-01-1	Subtilisins [(Proteolytic enzymes)]	Xi; R 37/38 R41 Xn; R42	Xn; R; R: 37/38 - 41 - 42, S: (2) - 22 - 24 - 26 - 36/37/39	Conc>=20%; Xn; R42; R37/38; R41 >=10%Conc<20%; Xn; R42; R41 >=5%Conc<10%; Xn; R42; R36 >=1%Conc<5%; Xn; R42	Eu	-	-	-	-	-	-	-	-
9016-72-2	Propineb (ISO) [Polymetric zinc propylenebis(dithiocarbamate)]	Xn; R20-48/20/22 R43 N; R50	Xn; N R: 20-43-48/20/22-50 S: (1/2)-24-37-46-61	Conc>=25%; Xn; R20; R48/20/22; R43 >=10%Conc<25%; Xn; R48/20/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
9016-87-9	Isocyanic acid, polymethylenepolyphenylene ester			Conc>=25%; T; R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T; R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T; R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn; R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn; R40; R48/20; R42/43	N	-	-	-	-	-	-	-	-
9017-01-0	Benzene, 1,3-dilsocyanatomethyl-, homopolymer	Carc. Cat. 3; R40 T+; R26 Xi; R36/37/38 R42/43	T R: 23-36/37/38-40-42/43-48/23	Conc>=20%; T+; R40; R26; R36/37/38; R42/43 >=7%Conc<20%; T+; R40; R26; R42/43 >=1%Conc<7%; T; R40; R23; R42/43 >=0.1%Conc<1%; Xn; R20	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Cardinogen Category	Notices	Notes
9068-59-1	Proteinase, microbial neutral	Xi: R 36/37/38 Xn: R42	Xn : R:36/37/38 - 42 S: (2) - 22 - 24 - 26 - 36/37	Conc>=20%; Xn: R42; R36/37/38 >=1%Conc<20%; Xn: R42	Eu	-	-	-	-	-	-	-	-
		R31 C: R34 N: R50	C: N R: 31-34-50 S: (1/2)-26-45-61	Conc>=5%; C: R34; R31 >=1%Conc<5%; Xi: R36/38; R31	Eu	-	-	-	-	-	-	-	
9080-17-5	Ammonium polysulphides	Xn: R22 Xi: R41 R52-53	Xn : R: 22 - 41 - 52/53, S: (2) - 26 - 39 - 61	Conc>=25%; Xn: R22; R41 >=10%Conc<25%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
10004-44-1	3-Hydroxy-5-methylisoxazole [Hymexazol]												
10007-85-9	Potassium 3,6-dichloro-o-anisate(	Xi: R36 R52-53	Xi: R36 - 52/53, S: (2) - 26 - 61	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
10022-68-1	Nitric acid, cadmium salt, tetrahydrate	Xn: R21	R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+: R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+: R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+: R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T: R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T: R45;	N	-	-	-	-	-	-	-	
10024-97-2	Nitrous oxide [Nitrogen oxide]				A	Nitrous oxide	25	45	-	-	-	-	-
10025-67-9	Sulphur dichloride [Sulfur monochloride; Sulphur monochloride]	R14 T: R25 Xn: R20 R29 C: R35 N: R50	T: C; N R: 14-20-25-29-35-50 S: (1/2)-26-36/37/39-45-61	Conc>=25%; T: R25; R35; R20 >=10%Conc<25%; C: R35; R22 >=5%Conc<10%; C: R34; R22 >=3%Conc<5%; Xn: R22; R36/37/38 >=1%Conc<3%; Xi: R36/37/38	Eu; A	Sulphur monochloride	1 Peak limitation	5.5 Peak limitation	-	-	-	-	-
10025-78-2	Trichlorosilane	F+: R12 R14 F: R17 Xn: R20/22 R29 C: R35	F+: C; R: 12 - 14 - 17 - 35 - 20/22 - 29, S: (2) - 7/9 - 16 - 26 - 36/37/39 - 43 - 45	Conc>=10%; C: R35; R20/22; R29 >=5%Conc<10%; C: R34; R29 >=1%Conc<5%; Xi: R36/37/38; R29	Eu	-	-	-	-	-	-	-	-
10025-87-3	Phosphorus oxychloride [Phosphoryl trichloride]	R14 R29 T+: R26 T: R48/23 Xn: R22 C: R35	T+; C; R: 14 - 22 - 26 - 29 - 35 - 48/23, S: (1/2) - 7/8 - 26 - 36/37/39 - 45	Conc>=25%; T+: R26; R35; R48/23; R22; R29 >=10%Conc<25%; T+: R26; R35; R48/23; R29 >=7%Conc<10%; T+: R26; R34; R48/20; R29 >=5%Conc<7%; T: R23; R34; R48/20; R29 >=1%Conc<5%; T: R23; R48/20; R36/38; R29 >=0.1%Conc<1%; Xn: R20; R29	Eu; A	Phosphorus oxychloride	0.1	0.63	-	-	-	-	-
10025-91-9	Antimony trichloride	C: R34 N: R51-53	C; N; R: 34 - 51/53 , S: (1/2) - 26 - 45 - 61	Conc>=10%; C: R34 >=5%Conc<10%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-
10025-99-7	Dipotassium tetrachloroplatinate	T: R25 Xi: R38-41 R42/43	T; R: 25 - 38 - 41 - 42/43, S: (2) - 22 - 26 - 36/37/39 - 45	Conc>=25%; T: R25; R42/43; R38; R41 >=20%Conc<25%; Xn: R22; R42/43; R38; R41 >=10%Conc<20%; Xn: R22; R42/43; R41 >=5%Conc<10%; Xn: R22; R42/43; R36 >=3%Conc<5%; Xn: R22; R42/43 >=1%Conc<3%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
10026-00-3	Disodium tetrachloroplatinate	T: R25 Xi: R38-41 R42/43	T; R: 25 - 38 - 41 - 42/43, S: (2) - 22 - 26 - 36/37/39 - 45	Conc>=25%; T: R25; R42/43; R38; R41 >=20%Conc<25%; Xn: R22; R42/43; R38; R41 >=10%Conc<20%; Xn: R22; R42/43; R41 >=5%Conc<10%; Xn: R22; R42/43; R36 >=3%Conc<5%; Xn: R22; R42/43 >=1%Conc<3%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
10026-04-7	Silicon tetrachloride	R14 Xi: R36/37/38	Xi: R: 14 - 36/37/38 , S: (2) - 7/8 - 26	Conc>=20%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
10026-13-8	Phosphorus pentachloride	R14	T+; C; R: 14 - 22 - 26 - 29 - 34 - 48/20; S: (1/2) - 7/8 - 26 - 36/37/39 - 45	Conc<=25%; T+; R26; R34; R22; R48/20; R29	Eur, A	Phosphorus pentachloride	0.1	0.85	-	-	-	-	-
		R29		>=10%Conc<25%; T+; R26; R34; R48/20; R29									
		T+; R26		>=7%Conc<10%; T+; R26; R36/38; R29									
		Xn; R22		>=5%Conc<7%; T; R23; R36/38; R29									
		Xn; R48/20		>=1%Conc<5%; T; R23; R29									
10027-06-2	8,9,10-Trinorborn-2-yl acrylate	C; R34	Xn; R21 Xi; R38 R43	>=0.1%Conc<1%; Xn; R20; R29	Eur, A	-	-	-	-	-	-	-	-
				Conc<=25%; Xn; R21; R38; R43 >=10%Conc<25%; Xi; R38; R43 >=1%Conc<10%; Xi; R43									
10028-15-6	Ozone		Note: D		A	Ozone	0.1 Peak limitation	0.2 Peak limitation	-	-	-	-	-
10028-18-9	Nickel fluoride (NiF2)		T R: 49-61-20/22-38-41-42/43-48/23-68	Conc<=25%; T; R49; R61; R68; R48/23; R20/22; R38; R41; R42/43	N	-	-	-	-	-	-	-	-
				>=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R41; R42/43									
				>=10%Conc<20%; T; R49; R61; R68; R48/23; R41; R42/43									
				>=5%Conc<10%; T; R49; R61; R68; R48/20; R36; R42/43									
				>=1%Conc<5%; T; R49; R61; R68;									
10034-82-9	Chromic acid (H2CrO4), disodium salt, tetrahydrate		T+ R: 45-46-60-61-21-25-26-34-42/43-48/23	Conc<=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43	N	-	-	-	-	-	-	-	-
				>=10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43									
				>=7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43									
				>=5%Conc<7%; T; R45; R46; R60; R61; R23; R22;									
				Conc<=10%; C; R35									
10034-85-2	Hydrogen iodide [Hydriodic acid]		C; R35 S: (1/2) - 9 - 26 - 36/37/39 - 45	>=0.2%Conc<10%; C; R34 >=0.02%Conc<0.2%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
10034-93-2	Hydrazine, sulfate (1:1)		T R: 45-23/24/25-43-48/25-68	Conc<=25%; T; R45; R68; R23/24/25; R48/25; R43	N	-	-	-	-	-	-	-	-
				>=10%Conc<25%; T; R45; R68; R48/25; R20/21/22; R43									
				>=3%Conc<10%; T; R45; R68; R2021/22; R48/22; R43									
				>=1%Conc<3%; T; R45; R68; R48/22; R43									
				>=0.1%Conc<1%; T; R45									
10035-10-6	Hydrogen bromide [Hydrobromic acid]		C; R35 S: (1/2) - 7/9 - 26 - 45	Conc<=1%; C; R35; R37 >=0.2%Conc<1%; C; R34; R37 >=0.02%Conc<0.2%; Xi; R37	Eur, A	Hydrogen bromide	3 Peak limitation	9.9 Peak limitation	-	-	-	-	-
10039-54-0	Bis(hydroxylammonium) sulfate [Hydroxylamine sulfate (2:1)](Note: see also CAS No. 5470-11-1 & 10046-00-1)		E; Xn; N R: 2-21/22-36/38-40-43-48/22-50 S: (2-)36/37-61	Conc<=25%; Xn; R40; R21/22; R48/22; R36/38; R43	Eu	-	-	-	-	-	-	-	-
				>=20%Conc<25%; Xn; R40; R48/22; R36/38; R43									
				>=10%Conc<20%; Xn; R40; R48/22; R43									
				>=1%Conc<10%; Xn; R40; R43									
10043-35-3	Boric acid(Note: see also CAS No. 11113-50-1)		R: 60-61 S: 53-45	Conc<=5.5%; T; R60; R61	Eu	-	-	-	-	-	-	-	-
10043-52-4	Calcium chloride		Xi; R: 36; S: (2-) - 22 - 24	Conc<=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
10046-00-1	Hydroxylammonium hydrogensulfate [Hydroxylamine sulfate(1:1)](Note: see also CAS No. 20845-01-6, 19098-16-9 & 53933-48-5)		E; Xn; N R: 2-21/22-36/38-40-43-48/22-50 S: (2-)36/37-61	Conc<=25%; Xn; R40; R21/22; R48/22; R36/38; R43	Eu	-	-	-	-	-	-	-	-
				>=20%Conc<25%; Xn; R40; R48/22; R36/38; R43									
				>=10%Conc<20%; Xn; R40; R48/22; R43									
				>=1%Conc<10%; Xn; R40; R43									

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
10048-95-0	Carc. Cat. 1; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R63 T; R23/25	Arsenic acid (H3AsO4), disodium salt, heptahydrate Xn; R21-48/20/21/22	T R: 45-21-23/25-48/20/21/22-63-68	Conc>=25%; T; R45; R63; R68; R23/25; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R63; R68; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R63; R68; R20/22 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-
10049-04-4	T; R25 C; R34 N; R50	Chlorine dioxide ... %	T; N R: 25-34-50 S: (1/2-23-26-28-36/37/39-45-61; Note: B	Conc>=25%; T; R25; R34 >=10%Conc<25%; C; R34; R22 >=3%Conc<10%; Xn; R22; R36/37/38 >=0.3%Conc<3%; Xi; R36	Eu/A	Chlorine dioxide	0.1	0.28	0.3	0.83	-	-	-
10049-04-4	O; R8 R6 T+; R26 C; R34 N; R50	Chlorine dioxide	O; T+; N R: 6-8-26-34-50 S: (1/2-23-26-28-36/37/39-38-45-61	Conc>=5%; T+; R26; R34 >=1%Conc<5%; T+; R26; R36/37/38 >=0.5%Conc<1%; T; R23; R36/37/38 >=0.2%Conc<0.5%; T; R23 >=0.02%Conc<0.2%; Xn; R20	Eu/A	Chlorine dioxide	0.1	0.28	0.3	0.83	-	-	-
10061-01-5	(Z)-1,3-Dichloropropene [cis-1,3-Dichloropropene](Note: see also CAS No. 542-75-6)	R10 T; R24/25 Xn; R20-65 Xi; R36/37/38 R43 N; R50-53	T; N R: 10-20-24/25-36/37/38-43-65-50/53 S: (1/2-36/37-45-60-61 Notes: C ; D Xi	Conc>=25%; T; R24/25; R20; R65; R36/37/38; R43 >=20%Conc<25%; Xn; R21/22; R65; R36/37/38; R43 >=10%Conc<20%; Xn; R21/22; R65; R43 >=3%Conc<10%; Xn; R21/22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
10097-02-6	Xi; R41 53	2,2-Bis(hydroxymethyl)butanoic acid	R52- S: (2-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
10099-76-0	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	Silicic acid (H2SiO3), lead(2+) salt (1:1)	T R: 61-33-40-48/22-62-68	Conc>=5%; T; R40; R61; R62; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
10101-98-1	Carc. Cat. 1; R49 Repr. Cat. 2; R61 Muta. Cat. 3; R68 T; R48/23 Xn; R20/22 Xi; R38 R42/43	Sulfuric acid, nickel(2+) salt (1:1), heptahydrate	T R: 49-61-68-20/22-38-42/43-48/23	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49	N	-	-	-	-	-	-	-	-
10102-18-8	T+; R28 T; R23 R31	Sodium selenite	T+; N R: 23-28-31-43-51/53	Conc>=25%; T+; R28; R23; R43; R31 >=7%Conc<25%; T+; R28; R20; R43; R31 >=3%Conc<7%; T; R25; R20; R43; R31 >=1%Conc<3%; T; R25; R43; R31 >=0.1%Conc<1%; Xn; R22; R31	Eu	-	-	-	-	-	-	-	-
10102-43-9	N; R51-53	Nitric oxide [Nitrogen monoxide]	R43 S: (1/2-28-36/37-45-61	Conc>=25%; T+; R28; R23; R43; R31 >=7%Conc<25%; T+; R28; R20; R43; R31 >=3%Conc<7%; T; R25; R20; R43; R31 >=1%Conc<3%; T; R25; R43; R31 >=0.1%Conc<1%; Xn; R22; R31	A	Nitric oxide	25	31	-	-	-	-	-
10102-44-0	O; R8 T+; R26 C; R34	Nitrogen dioxide(Note: see also CAS No. 10544-72-6)	O; T+ R: 8-26-34 S: (1/2-9-26-28-36/37/39-45	Conc>=10%; T+; R26; R34 >=5%Conc<10%; T; R23; R34 >=1%Conc<5%; T; R23; R36/37/38 >=0.5%Conc<1%; Xn; R20; R36/37/38 >=0.1%Conc<0.5%; Xn; R20	Eu/A	Nitrogen dioxide	3	5.6	5	9.4	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
10108-64-2	Cadmium chloride	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+, R26 T; R25-48/23/25 N; R50-53	T+; N R: 45-46-60-61-25-26-48/23/25-50/53 S: 53-45-60-61; E	Conc>=10%; T+; R45; R46; R60/61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60/61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60/61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45; R46; R60/61; R20/22; R48/20/22 >=0.1%Conc<0.5%; T; R45; R46; R20/22; R48/20/22 Note: R48/20/22 >=0.01%Conc<0.1%; T; R45	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-	-
10112-91-1	Dimercury dichloride [Calomei; Mercurous chloride]	Xn; R22 Xi; R36/37/38 N; R50-53	S: (2) - 13 - 24/25 - 46 - 60 - 61	Conc>=25%; Xn; R22; R36/37/38 >=20%Conc<25%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
10117-38-1	Sulfurous acid, dipotassium salt	Xn; R22 R31 Xi; R41	Xn R: 22-31-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
10124-36-4	Cadmium sulphate	Carc. Cat. 2; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R60 Xn; R22 R42/43 N; R50-53	T+; N R: 45-46-60-61-25-26-48/23/25-50/53 S: 53-45-60-61; E	Conc>=10%; T+; R45; R46; R60/61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60/61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60/61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45; R46; R60/61; R20/22; R48/20/22 >=0.1%Conc<0.5%; T; R45; R46; R20/22; R48/20/22 Note: R48/20/22 >=0.01%Conc<0.1%; T; R45	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-	-
10124-43-3	Cobalt sulfate		Xi R: 43	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
10138-36-0		R43	S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
10141-05-6	Cobalt nitrate	Carc. Cat. 2; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R60 R42/43 N; R50-53	T; N R: 49-60-42/43-68-50/53 S: 53-45-60-61	Conc>=1%; T; R49; R60; R68; R42/43 >=0.5%Conc<1%; T; R49; R60 >=0.01%Conc<0.5%; T; R49	Eu	-	-	-	-	-	-	-	-
10190-55-3	Molybdic acid (H2MoO4), lead(2+) salt (1:1)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
10192-30-0	Sulfurous acid, monoammonium salt	Xn; R22 R31 Xi; R41	Xn R: 22-31-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
10196-04-0	Sulfurous acid, diammonium salt	Xn; R22 R31 Xi; R41	Xn R: 22-31-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
10196-67-5	Tetradecanoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
10210-68-1	Cobalt carbonyl (as Co)				A	Cobalt carbonyl (as Co)	-	0.1	-	-	-	Sen	-
10217-34-2	2-(3,4-Epoxy cyclohexyl)ethyl triethoxy silane	R43 R52-53	Xi R: 43-52/53 S: (2)-24-37-61	Conc<=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
10218-17-4	1,3-Dimethyl-1,3-bis(trimethylsilyl)urea	Xn: R22 Xi: R38 F: R11 R19	Xn R: 22-38 S: (2)-36/37 F: R: 11 - 19 S: (2/9 - 16 - 24 - 33	Conc<=25%; Xn: R22; R38 >=20% Conc<25%; Xi: R38	Eu	-	-	-	-	-	-	-	-
10221-57-5	1,2-Diethoxypropane				Eu	-	-	-	-	-	-	-	-
10285-92-6	Methamidophos (ISO) [O,S-Dimethyl phosphoramidothioate]	T+: R26/28 T: R24 N: R50	T+: N R: 24-26/28-50 S: (1/2)-28-36/37-45-61	Conc<=25%; T+: R26/28; R24 >=7% Conc<25%; T+: R26/28; R21 >=3% Conc<7%; T: R23/25; R21 >=1% Conc<3%; T: R23/25 >=0.1% Conc<1%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
10294-33-4	Boron tribromide [Tribromoborane]	R14 T+: R26/28 C: R35	T+ : C ; R: 14 - 26/28 - 35 , S: (1/2) - 9 - 26 - 28 - 36/37/39 - 45	Conc<=10%; T+: R26/28; R35 >=7% Conc<10%; T+: R26/28; R34 >=5% Conc<7%; T: R23/25; R34 >=1% Conc<5%; T: R23/25; R36/38 >=0.1% Conc<1%; Xn: R20/22	Eu: A	Boron tribromide	1 Peak limitation	10 Peak limitation	-	-	-	-	-
10294-34-5	Boron trichloride [Trichloroborane]	R14 T+: R26/28 C: R34	T+ : R: 14 - 26/28 - 34 , S: (1/2) - 9 - 26 - 28 - 36/37/39 - 45	Conc<=5%; T+: R26/28; R34 >=1% Conc<5%; T+: R26/28; R37 >=0.5% Conc<1%; T: R23/25; R37 >=0.2% Conc<0.5%; T: R23/25 >=0.02% Conc<0.2%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
10294-40-3	Chromic acid (H2CrO4), barium salt (1:1)	Carc. Cat. 1: R45 T: R23 Xn: R22-48/20 R43	T R: 45-22-23-43-48/20	Conc<=25%; T: R45; R23; R22; R48/20; R43 >=10% Conc<25%; T: R45; R20; R48/20; R43 >=3% Conc<10%; T: R45; R20; R43 >=1% Conc<3%; T: R45; R43 >=0.1% Conc<1%; T: R45	N	-	-	-	-	-	-	-	-
10294-52-7	Chromic acid (H2CrO4), iron(3+) salt (3:2)	Carc. Cat. 1: R45 T: R23 Xn: R22-48/20 R43	C R: 22 - 35 S: (1/2) - 26 - 36/37/39 - 45	Conc<=25%; C: R22; R35 >=10% Conc<25%; C: R35 >=5% Conc<10%; C: R34 >=1% Conc<5%; Xi: R36/38	N	-	-	-	-	-	-	-	-
10294-56-1	Phosphorous acid [Phosphonic acid see 13598-36-2]	Xn: R22 C: R35	R: 22 - 35 S: (1/2) - 26 - 36/37/39 - 45	Conc<=25%; C: R22; R28; R21 >=7% Conc<25%; T+: R28; R21 >=3% Conc<7%; T: R25; R21 >=1% Conc<3%; T: R25 >=0.1% Conc<1%; Xn: R22	Eu	-	-	-	-	-	-	-	-
10311-84-9	Dialifos (ISO) [2-Chloro-1-phthalimidoethyl o,o-diethyl phosphorodithioate]	T+: R28 T: R24 N: R50-53	T+ : N ; R: 24 - 28 - 50/53 , S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc<=25%; T+: R28; R24 >=7% Conc<25%; T+: R28; R21 >=3% Conc<7%; T: R25; R21 >=1% Conc<3%; T: R25 >=0.1% Conc<1%; Xn: R22	Eu	-	-	-	-	-	-	-	-
10325-94-7	Nitric acid, cadmium salt				N	-	-	-	-	-	-	-	-
10332-33-9	Perboric acid (HBO(O2)), sodium salt, monohydrate [Sodium peroxoborate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 15120-21-5, 11138-47-9, 12040-72-1 & 7632,04-4)	O: R8 Repr. Cat. 2: R61 Repr. Cat. 3: R62 Xn: R22 Xi: R37-41	O: T R: 61-8-22-37-41-62 S: 53-45 Note: E	Conc<=25%; T: R61; R62; R22; R37; R41 >=22% Conc<25%; T: R61; R62; R37; R41 >=20% Conc<22%; T: R61; R62; R36/37 >=14% Conc<20%; T: R61; R62; R36 >=9% Conc<14%; T: R61; R62 >=6.5% Conc<9%; T: R61	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
10332-33-9	Perboric acid (HBO(O2)), sodium salt, monohydrate [Sodium peroxoborate](Note: containing >= 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 15120-21-5, 11138-47-9, 12040-72-1 & 7632-04-4)	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R23 Xn; R22 Xi; R37-41	O; T R: 61-8-22-23-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R23; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R20; R37; R41 >=20%Conc<22%; T; R61; R62; R20; R36/37 >=14%Conc<20%; T; R61; R62; R20; R36 >=9%Conc<14%; T; R61; R62; R20 >=6.5%Conc<9%; T; R61; R20 >=3%Conc<6.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
10332-33-9		Xn; R48/22 R43 N; R51-53 T; R25 Xn; R20	Xn; N; R: 43 - 48/22 - 51/53 , S: (2) - 24 - 37 - 61 T; R: 20 - 25, S: (1/2) - 45	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43 Conc>=25%; T; R25; R20 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
10380-28-6	Copper oxine	T; R23	T; R: 23	Conc>=25%; T; R23 >=3%Conc<25%; Xn; R20	V	-	-	-	-	-	-	-	-
10403-74-4	1,2-Bis(phenoxymethyl)benzene	N; R50-53	N R: 50/53 S: 22-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
10453-86-8	Resmethrin (ISO) [5-Benzyl-3-furylmethyl (±)-cis-trans-chrysanthemate]	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2)-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
10461-98-0	2-Cydohexylidene-2-phenylacetnitrile	Xn; R22 N; R51-53	Xn; N R: 22-51/53 S: (2)-46-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
10468-30-1	9-Octadecenoic acid, cadmium salt, (Z)-	Xn; R21	R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
10486-00-7	Perboric acid (HBO(O2)), sodium salt, tetrahydrate [Sodium peroxoborate hexahydrate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 13517-20-9 & 37244-98-7)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xi; R37-41	T R: 61-37-41-62 S: 53-45-47	Conc>=36%; T; R61; R62; R37; R41 >=22%Conc<36%; T; R61; R62; R36/37 >=20%Conc<22%; T; R61; R62; R37 >=14%Conc<20%; T; R61; R62 >=10%Conc<14%; T; R61	Eu	-	-	-	-	-	-	-	-
10486-00-7	Perboric acid (HBO(O2)), sodium salt, tetrahydrate [Sodium peroxoborate hexahydrate](Note: containing >= 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 13517-20-9 & 37244-98-7)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xn; R20 Xi; R37-41	T R: 61-20-37-41-62 S: 53-45-47 Note: E	Conc>=36%; T; R61; R62; R20; R37; R41 >=25%Conc<36%; T; R61; R62; R20; R36/37 >=22%Conc<25%; T; R61; R62; R36/37 >=20%Conc<22%; T; R61; R62; R37 >=14%Conc<20%; T; R61; R62 >=10%Conc<14%; T; R61	Eu	-	-	-	-	-	-	-	-
10544-72-6	Dinitrogen tetraoxide (Note: see also CAS No. 10102-44-0)	O; R8 T+; R26 C; R34	O; T+ R: 8-26-34 S: (1/2)-9-26-28-36-37/39-45	Conc>=10%; T+; R26; R34 >=5%Conc<10%; T; R23; R34 >=1%Conc<5%; T; R23; R36/37/38 >=0.5%Conc<1%; Xn; R20; R36/37/38 >=0.1%Conc<0.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
10545-99-0	Sulphur dichloride [Sulfur dichloride]	R14 C; R34 Xi; R37 N; R50	C; N R: 14-34-37-50 S: (1/2)-26-45-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
10551-42-5	1-(3-Phenylpropyl)-2-methylpyridinium bromide	Xn; R22 Xi; R36 R52-53	Xn; R: 22 - 36 - 52/53, S: (2) - 26 - 36/37 - 61	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
10588-01-9	Chromic acid (H2Cr2O7), disodium salt [Sodium dichromate]	O; R8	O; T+; N R: 8-45-60-61-21-25-26-34-42/43-48/23-50-53 R: 53 S: 61	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 =>10%Conc<25%; T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 =>7%Conc<10%; T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 =>5%Conc<7%; T; R45; R46; R60; R61; R23; R22;	N/Eur; A	Chromium (VI) compounds (as Cr), water soluble	0.05	-	-	-	Sen	-	
10591-85-2	Tetrakis(phenylmethyl)thioperoxydi(carbothioamide)	R63	Xn	Conc>=25%; Xn; R22; R36; R43 =>20%Conc<25%; Xi; R36; R43 =>1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-		
10596-22-2	Tetraisopropylidichloromethylenebisphosphonate	Xn; R22 Xi; R36 R43	R: 22-36-43 S: (2-)/24-26-37		Eu	-	-	-	-	-	-		
10605-21-7	Carbendazim (ISO) [Methyl benzimidazol-2-ylcarbamate]	Muta. Cat. 2; R46 Repr. Cat.2; R60-61 N; R50-53	T; N R: 46-60-61-50/53 S: 53-45-60-61	Conc>=0.5%; T; R60; R61; R46 =>0.1%Conc<0.5%; T; R46 Conc>=25%; T; R23/25; R33 =>3%Conc<25%; Xn; R20/22; R33 =>1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-		
11005-63-3	Strophantidin-K	T; R23/25 R33	T; R: 23/25 - 33 , S: (1/2) - 45	Conc>=25%; T; R23/25; R33 =>1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	
11070-44-3	Tetrahydromethylphthalic anhydride(Note: see also CAS No 1694-82-2; 3425-89-6; 5333-84-6; 26590-20-5; 34090-76-1 & 42498-58-80)	Xi; R41 Xn; R42/43	Xn ; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 =>5%Conc<10%; Xn; R42/43; R36 =>1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	
11097-69-1	Chlorodiphenyl (54% Chlorine) [PCBs (54% Chlorine); PCB-1254]				A	PCBs (54% Chlorine)	0.5	-	1	2	Sk	-	
11099-02-8	Nickel oxide	Carc. Cat. 1; R49 T; R48/23 R43	T R: 49-43-48/23	Conc>=10%; T; R49; R48/23; R43 =>1%Conc<10%; T; R49; R48/20; R43 =>0.1%Conc<1%; T; R49	N	-	-	-	-	-	-	-	
11103-86-9	Chromate(1-), hydroxyoctaoxodizincatedi-, potassium [Zinc potassium chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T; N R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 =>10%Conc<25%; T; R45; R20; R48/20; R43 =>3%Conc<10%; T; R45; R20; R43 =>1%Conc<3%; T; R45; R43 =>0.1%Conc<1%; T; R45	N/Eur; A	Zinc chromate (as Cr)	0.01	-	-	1	-	-	
11103-86-9	Chromate(1-), hydroxyoctaoxodizincatedi-, potassium [Zinc potassium chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T; N R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 =>10%Conc<25%; T; R45; R20; R48/20; R43 =>3%Conc<10%; T; R45; R20; R43 =>1%Conc<3%; T; R45; R43 =>0.1%Conc<1%; T; R45	N/Eur; A	Zinc chromate (as Cr)	0.01	-	-	1	-	-	
11103-86-9	Chromate(1-), hydroxyoctaoxodizincatedi-, potassium [Zinc potassium chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T; N R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 =>10%Conc<25%; T; R45; R20; R48/20; R43 =>3%Conc<10%; T; R45; R20; R43 =>1%Conc<3%; T; R45; R43 =>0.1%Conc<1%; T; R45	N/Eur; A	Zinc chromate (as Cr)	0.01	-	-	1	-	-	
11103-86-9	Zinc potassium chromate	Carc. Cat. 1; R45 Xn; R22 R43 N; R50-53	T; N; R: 45 - 22 - 43 - 50/53, S: 53 - 45 - 60 - 61; Notes: A ; E	Conc>=25%; T; R45, R22, R43 =>1%Conc<25%; T; R45, R43 =>0.1%Conc<1%; T; R45	Eu; A	Zinc chromate (as Cr)	0.01	-	-	1	-	-	
11103-86-9	Zinc potassium chromate	Carc. Cat. 1; R45 Xn; R22 R43 N; R50-53	T; N; R: 45 - 22 - 43 - 50/53, S: 53 - 45 - 60 - 61; Notes: A ; E	Conc>=25%; T; R45, R22, R43 =>1%Conc<25%; T; R45, R43 =>0.1%Conc<1%; T; R45	Eu; A	Zinc chromate (as Cr)	0.01	-	-	1	-	-	
11103-86-9	Zinc potassium chromate	Carc. Cat. 1; R45 Xn; R22 R43 N; R50-53	T; N; R: 45 - 22 - 43 - 50/53, S: 53 - 45 - 60 - 61; Notes: A ; E	Conc>=25%; T; R45, R22, R43 =>1%Conc<25%; T; R45, R43 =>0.1%Conc<1%; T; R45	Eu; A	Zinc chromate (as Cr)	0.01	-	-	1	-	-	

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
11113-50-1	Boric acid, crude natural, containing not more than 85 per cent of H3BO3 calculated on the dry weight(Notie: see also CAS No. 10043-35-3)	Repr. Cat. 2; R60-61 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 60-61 S: 53-45	Conc>=5.5%; T; R60; R61 Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	Eu	-	-	-	-	-	-	-	-
11120-22-2	Silicic acid, lead salt	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xn; R22 Xi; R37-41	T R: 61-33-40-48/22-62-68	Conc>=25%; T; R61; R62; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R37; R41 >=20%Conc<22%; T; R61; R62; R36/37 >=14%Conc<20%; T; R61; R62; R36 >=9%Conc<14%; T; R61; R62 >=6.5%Conc<9%; T; R61; R62 >=3%Conc<6.5%; T; R61	N	-	-	-	-	-	-	-	-
11138-47-9	Perboric acid, sodium salt [Sodium peroxoborate](Notie: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 15120-21-5, 12040-72-1, 7632-04-4 & 10332-33-9)	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R23 Xn; R22 Xi; R37-41	O; T R: 61-8-22-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R23; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R20; R37; R41 >=20%Conc<22%; T; R61; R62; R20; R36/37 >=14%Conc<20%; T; R61; R62; R20; R36 >=9%Conc<14%; T; R61; R62; R20 >=6.5%Conc<9%; T; R61; R20 >=3%Conc<6.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
11138-47-9					Eu	-	-	-	-	-	-	-	-
12001-26-2	Mica				A	Mica	-	2.5 (inspirable)	-	-	-	-	-
12001-28-4	Asbestos, crocidolite(Notie: see also CAS No 132207-32-0, 12172-73-5, 77536-66-4, 77536-67-5, 77536-68-6, & 12001-29-5)	Carc. Cat. 1; R45 T; R48/23	T R: 45 - 48/23 S: 53 - 45; Note: E	Conc>=10%; T; R45; R48/23 >=1%Conc<10%; T; R45; R48/20 >=0.1%Conc<1%; T; R45	Eu; A	Crocidolite (b)	0.1 f/mL (P)	-	-	-	1	-	-
12001-29-5	Asbestos, chrysotile(Notie: see also CAS No 132207-32-0, 12172-73-5, 77536-66-4, 77536-67-5, 77536-68-6 & 12001-28-4)	Carc. Cat. 1; R49 T; R48/23	T R: 49 - 48/23 S: 22 - 53 - 45; Note: E	Conc>=10%; T; R49; R48/23 >=1%Conc<10%; T; R49; R48/20 >=0.1%Conc<1%; T; R49	Eu/N; A	Chrysotile (b)	0.1 f/mL	-	-	-	1	-	-
12013-69-3	Plumbate (PbO4), calcium (1;2), (T-4)-	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 R33	T 61-33-40-62-68	Conc>=5%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
12035-36-8	Nickel dioxide	Carc. Cat. 1; R49 R43 R53	T R: 49 - 43 - 53 S: 53 - 45 - 61	Conc>=1%; T; R49; R43 >=0.1%Conc<1%; T; R49	Eu	-	-	-	-	-	-	-	-
12035-72-2	Nickel subsulphide [Trinickel disulphide]	Carc. Cat. 1; R49 R43 N; R51-53	T; N R: 49 - 43 - 51/53 S: 53 - 45 - 61	Conc>=1%; T; R49; R43 >=0.1%Conc<1%; T; R49	Eu	-	-	-	-	-	-	-	-
12036-31-6	Lead tin oxide (PbSnO3)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
12036-76-9	Lead oxide sulfate (Pb2O(SO4))	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
12040-72-1	Perboric acid, sodium salt, monohydrate [Sodium peroxoborate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 15120-21-5, 11138-47-9, 7632-04-4 & 10332-33-9)	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xn; R22 Xi; R37-41	O; T R: 61-8-22-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R22; R37; R41 >=22% Conc<25%; T; R61; R62; R37; R41 >=20% Conc<22%; T; R61; R62; R36/37 >=14% Conc<20%; T; R61; R62; R36 >=9% Conc<14%; T; R61; R62 >=6.5% Conc<9%; T; R61	Eu	-	-	-	-	-	-	-	-
12040-72-1	Perboric acid, sodium salt, monohydrate [Sodium peroxoborate](Note: containing >= 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 15120-21-5, 11138-47-9, 7632-04-4 & 10332-33-9)	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R23 Xn; R22 Xi; R37-41	O; T R: 61-8-22-23-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R23; R22; R37; R41 >=22% Conc<25%; T; R61; R62; R20; R37; R41 >=20% Conc<22%; T; R61; R62; R20; R36/37 >=14% Conc<20%; T; R61; R62; R20; R36 >=9% Conc<14%; T; R61; R62; R20 >=6.5% Conc<9%; T; R61; R20 >=3% Conc<6.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
12054-48-7	Nickel hydroxide (Ni(OH)2) [Nickel dihydroxide]	Carc. Cat. 1; R49 Muta. Cat. 3; R68 T; R48/23 Xn; R20/22 R43 N; R50-53	T; N R: 20/22-43-48/23-49-68-50-53 S: (1/2)-22-28-43-45-61	Conc>=25%; T; R49; R68; R48/23; R20/22; R43 >=10% Conc<25%; T; R49; R68; R48/23; R43 >=1% Conc<10%; T; R49; R68; R48/20; R43 >=0.1% Conc<1%; T; R49	N/Eu	-	-	-	-	-	-	-	-
12056-51-8	Potassium titanium oxide (K2Ti6O13)	Carc. Cat. 3; R40 F; R15/29 T+; R28 N; R50	R; 40 S: (2)-22-36/37 F; T+; N R: 15/29-28-50 S: (1/2)-22-28-43-45-61	Conc>=1%; Xn; R40 Conc>=7%; T+; R28 >=1% Conc<7%; T; R25 >=0.1% Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
12060-00-3	Lead titanium oxide (PbTiO3)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5% Conc>=10%; T; R40; R61; R62; R68; R33 >=1% Conc>=5%; T; R40; R61; R68; R33 >=0.5% Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
12065-90-6	Lead oxide sulfate (Pb5O4(SO4))	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5% Conc>=10%; T; R40; R61; R62; R68; R33 >=1% Conc>=5%; T; R40; R61; R68; R33 >=0.5% Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
12079-65-1	Manganese cyclopenta dienyl tricarbonyl (as Mn)		F; C; R: 11 - 14/15 - 20 - 35 S: (1/2) - 16 - 30 - 36/39 - 43 - 45	Conc>=25%; C; R35; R20 >=10% Conc<25%; C; R35 >=5% Conc<10%; C; R34 >=1% Conc<5%; Xi; R36/38	A	Manganese cyclopenta-dienyl tricarbonyl (as Mn)	0.1	-	-	-	-	Sk	-
12091-08-6	Potassium mu-fluoro bis(triethylaluminium)	F; R11-14/15 C; R35 Xn; R20	F; C; R: 11 - 14/15 - 20 - 35 S: (1/2) - 16 - 30 - 36/39 - 43 - 45	Conc>=25%; C; R35; R20 >=10% Conc<25%; C; R35 >=5% Conc<10%; C; R34 >=1% Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
12108-13-3	Methylcyclopentadienyl manganese tricarbonyl [Manganese tricarbonyl [(1.2.3.4.5-eta)-1-methyl-2,4-cyclopentadien-1-yl]]	T+; R26/28 T; R24-48/23 Xi; R37 R43	T+; R: 24 - 26 - 28 - 48/23 Xi; R: 37 - 43 S: (2) - 8 - 24/25 - 46	Conc>=25%; T+; R26/28; R24; R48/23 >=10% Conc<25%; T+; R26/28; R21; R48/23 >=7% Conc<10%; T+; R26/28; R21; R48/20 >=3% Conc<7%; T; R23/25; R21; R48/20 >=1% Conc<3%; T; R23/25; R48/20 >=0.1% Conc<1%; Xn; R20/22	N; A	Methylcyclopentadienyl manganese tricarbonyl (as Mn)	0.2	-	-	-	-	Sk	-
12122-67-7	Zineb		T; R: 23/24/25 S: (1/2) - 26 - 45	Conc>=20%; Xi; R43; R37 >=1% Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
12125-01-8	Ammonium fluoride	T; R23/24/25 Xn; R22 Xi; R36	S: (1/2) - 26 - 45 Xn; R: 22 - 36 S: (2) - 22	Conc>=25%; T; R23/24/25 >=3% Conc<25%; Xn; R20/21/22 Conc>=25%; Xn; R22; R36 >=20% Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
12125-02-9	Ammonium chloride				Eu; A	Ammonium chloride (fume)	10	-	-	20	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
12141-20-7	Lead oxide phosphonate (Pb3O2(HPO3))	Carc. Cat. 3; R40	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33	N								
		Muta. Cat. 3; R68		>=5%Conc>=10%; T; R40; R61; R62; R68; R33									
12141-67-2	Hexasodium dihydrogen-dodecawolfamate	Xn; R22 Xi; R41 R52-53	Xn ; R: 22 - 41 - 52/53 S: (2)22 - 26 - 39 - 61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu								
12160-30-4	Potassium ferrite (K2Fe10O16)	Xi; R43 C; R34	C; R: 34 - 43	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	N								
12160-44-0	Potassium ferrite	C; R34 R43	G R: 34-43 S: (1/2-22-26-36/37/39-40-45	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu/N								
12172-73-5	Asbestos, amosite [Grunerite](Note: see also CAS No 132207-32-0, 77536-66-4, 77536-67-5, 77536-68-6, 12001-28-4, & 12001-29-5)	Carc. Cat. 1; R45 T; R48/23	T ; R: 45 - 48/23 , S: 53 - 45; Note: E	Conc>=10%; T; R45; R48/23 >=1%Conc<10%; T; R45; R48/20 >=0.1%Conc<1%; T; R45	Eu	Amosite (b)	0.1 f/mL (P)				1		
12179-04-3	Disodium tetraborate pentahydrate [Borax pentahydrate]	Repr. Cat. 2; R60-61	T R: 60-61 S: 53-45	Conc>=6.5%; T; R60; R61	Eu/A	Borates, tetra, sodium salts (pentahydrate)		1					
12185-10-3	Phosphorus, white	F; R17 T+; R26/28 C; R35 N; R50	F ; T+ ; C ; N ; R: 17 - 26/28 - 35 - 50, S: (1/2) - 5 - 26 - 28 - 45 - 61	Conc>=10%; T+; R26/28; R35 >=7%Conc<10%; T+; R26/28; R34 >=5%Conc<7%; T; R23/25; R34 >=1%Conc<5%; T; R23/25; R36/38 >=0.1%Conc<1%; Xn; R20/22	Eu								
12202-17-4	Lead oxide sulfate (Pb4O3(SO4))	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N								
12221-69-1	C.I. Basic Red 46 [3(or5)-((4-(Benzyl(methylamino)phenyl)azo)-1,2-(or1,4)-dimethyl-1H-1,2,4-triazolium bromide; Basic Red 46; Synacril Red; Anilan Red; Astracryl Red; Maxilon Red)](Note: also distributed under CAS No. 89959-98-8)	Xi; R43	Xi; R:43	Conc>=1%; Xi; R43	N								
12223-77-7	Mixture of: 1,4-diamino-2-chloro-3-phenoxyanthraquinone and 1,4-diamino-2,3-bis-phenoxyanthraquinone	R53	R: 53 S: 61		Eu								
12262-58-7	Cyclohexanone peroxide (Note: see also CAS No. 78-18-2, 2407-94-5 & 2699-11-8)	E; R3 O; R7 C; R34 Xn; R22	E; C R: 3-7-22-34 S: (1/2-3)7-14-36/37/39-45 Note: C	Conc>=25%; C; R34; R22; >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu								
12267-73-1	Tetraboron disodium heptaoxide, hydrate (Note: see also CAS No. 1330-43-4 & 13840-56-7)	Repr. Cat. 2; R60-61	R: 60-61 S: 53-45	Conc>=4.5%; T; R60; R61	Eu								
12280-03-4	Disodium octaborate tetrahydrate	Repr. Cat. 2; R60-61	T ; R: 60-61	Conc>=5%; T; R60; R61	V								
12427-38-2	Maneb (ISO) [Manganese ethylenebis(dithiocarbamate) (polymeric)]	Repr. Cat. 3; R63 Xn; R20 Xi; R36 R43 N; R50-53	Xn; N R: 20-36-43-63-50/53 S: (2-3)6/37-46-60-61 T ; R: 45; S: 53 - 45	Conc>=25%; Xn; R63; R20; R36; R43 >=20%Conc<25%; Xn; R63; R36; R43 >=5%Conc<20%; Xn; R63; R43 >=1%Conc<5%; Xi; R43	Eu								
12510-42-8	Erlonite	Carc. Cat. 1; R45		Conc>=0.1%; T; R45	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33		Conc<=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	
12578-120	Lead, bis(octadecanoato)dioxtri-	T R: 61-20/22-33-40-62-68											
12604-58-9	Ferrovandium dust				A	Ferrovandium dust	1	-	3	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T; R23 Xn: R48/20 R33 R43 N; R50-53		Conc<=25%; T; R45; R61; R62; R68; R23; R48/20; R43; R33 >=10%Conc<25%; T; R45; R61; R62; R68; R20; R48/20; R43; R33 >=5%Conc<10%; T; R45; R61; R62; R68; R20; R43; R33 >=3%Conc<5%; T; R45; R61; R68; R20; R43; R33 T; N R: 45-61-23-33-43-48/20-62-68 68-50-53	N/Eu	-	-	-	-	-	-	-	
12656-86-8	C.I. Pigment Red 104 [Lead chromate molybdate sulfate red]			Conc<=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 Xn: R20/22 Xi: R38 R42/43 Xi: R38 N; R51-53	N	-	-	-	-	-	-	-	
13001-15-5	9-Octadecenoic acid, nickel(2+) salt, (Z)-			Conc<=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
13019-04-0	2,4-Di-tert-butylcyclohexanone			Conc<=20%; Xi; R36/38; R43 S: (2) - 37 - 61	Eu	-	-	-	-	-	-	-	-
13048-33-4	Hexamethylene diacrylate [Hexane-1,6-diol diacrylate]			Conc<=20%; Xi; R36/38; R43 S: (2) - 39 ; Note: D	Eu	-	-	-	-	-	-	-	-
		T; R25-39/25 Xn: R21 Xi: R36 N; R51-53		Conc<=25%; T; R25; R39/25; R21; R36 >=20%Conc<25%; T; R39/25; R22; R36 >=10%Conc<20%; T; R39/25; R22 >=3%Conc<10%; Xn: R22; R68/22 >=1%Conc< 3%; Xn: R68/22 Conc<=7%; T+; R27/28 R: 27/28-50/53 S: (1/2)-36/37-45-60-61	Eu	-	-	-	-	-	-	-	
13067-93-1	Cyanofenphos (ISO) [O-4-Cyanophenyl O-ethyl phenylphosphonothioate]	T; N R: 21-25-36-39/25-51/53 S: (1/2)-36/37-45-61											
13071-79-9	Terbufos (ISO) [S-tert-Butylthiomethyl O,O-diethylphosphorodithioate]	T+; R27/28 N; R50-53	R: 27/28-50/53 S: (1/2)-36/37-45-60-61		Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33		Conc<=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	
13094-04-7	9-Octadecenoic acid, 12-hydroxy-, lead(2+) salt (2:1) [R-(Z)]-	Xn: R21/22 Xi: R36 R43	Xn; R: 21/22 - 36 - 43 , S: (2) - 26 - 28		Eu	-	-	-	-	-	-	-	-
13108-52-6	Methyl-2,3,5,6-tetrachloro-4-pyridylsulphone [2,3,5,6-Tetrachloro-4-(methylsulphonyl)pyridine]			Conc<=25%; Xn: R21/22; R36; R43 >=20%Conc<25%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
13121-70-5	Cyhexatin (ISO) [Hydroxycyclohexylstannane; Tricyclohexyltin hydroxide]	Xn: R20/21/22 N; R50-53	R: 20/21/22-50/53 S: (2)-13-60-61	Conc<=25%; Xn: R20/21/22	EuA	Tin, organic compounds (as Sn)	0.1	-	0.2	-	-	Sk	-
		Erythromycin A9-oxime (E) [(3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl-alpha-L-ribohexopiranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[(3,4,6-trideoxy-3-dimethylamino-beta-D-xylohexapiranosyl)oxy]oxacyclotetradecan-2-ona-10-oxime (E)]											
13127-18-9		N R: 51/53 S: 61 N; R51-53			Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
13138-45-9	Nitric acid, nickel(2+) salt [Nickel dinitrate]	O: R8 Carc. Cat. 1: R49 Muta. Cat. 3: R68 Repr. Cat. 2: R61 T: R48/23 Xn: R20/22 Xi: R38-41 R42/43 N: R50-53		Conc>=25%; T: R49; R61; R68; R48/23; R20/22; R38; R41; R42/43 >=20% Conc<25%; T: R49; R61; R68; R48/23; R38; R41; R42/43 >=10% Conc<20%; T: R49; R61; R68; R48/23; R41; R42/43 >=5% Conc<10%; T: R49; R61; R68; R48/20; R36; R42/43 >=1% Conc<5%; T: R49; R61; R68;	N/Eu; A	Nickel soluble compounds (as Ni)	-	0.1	-	-	-	Sen	-
13149-00-3	cis-Cyclohexane-1,2-dicarboxylic anhydride[Note: see also CAS No 85-42-7 & 14166-21-3]	Xi: R41 Xn: R42/43	Xn: R41 S: (2)-23 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn: R42/43; R41 >=5% Conc<10%; Xn: R42/43; R36 >=1% Conc<5%; Xn: R42/43	Eu		-	-	-	-	-	-	-
13150-00-0	Ethanol, 2-[2-(2-dodecyloxy)ethoxy]ethoxy]-, hydrogen sulfate, sodium salt	Xn: R22 Xi: R36/38	Xn R: 22-36/38	Conc>=25%; Xn: R22; R36/38 >=20% Conc<25%; Xi: R36/38	N		-	-	-	-	-	-	-
13171-21-6	Phosphamidon [2-Chloro-2-diethyl(carbamoyl-1-methylvinyl dimethyl phosphate)]	T+: R28 T: R24 Muta. Cat. 3: R68 N: R50-53	T+ ; N ; R: 24 - 28 - 50/53 - 68 S: (1/2) - 23 - 36/37 - 45 - 60 - 61	Conc>=25%; T+: R68; R28; R24 >=7% Conc<25%; T+: R68; R28; R21 >=3% Conc<7%; T: R68; R25; R21 >=1% Conc<3%; T: R68; R25 >=0.1% Conc<1%; Xn: R22	Eu		-	-	-	-	-	-	-
13181-17-4	Bromofenoxim (ISO) [3,5-Dibromo-4-hydroxybenzaldehyde-O-(2,4-dinitrophenyl)oxime]	Xn: R22 N: R50-53	Xn; N R: 22 - 50/53 S: (2) - 25 - 60 - 61	Conc>=25%; Xn: R22	Eu		-	-	-	-	-	-	-
13194-48-4	Elthorophos (ISO) [Ethyl-S,S-dipropyl phosphorodithioate]	T+: R26/27 R25 R43 N: R50-53	T+; N R: 25-26/27-43-50/53 S: (1/2-27/28-36/37/39-45-60-61	Conc>=25%; T+: R26/27; R25; R43 >=7% Conc<25%; T+: R26/27; R22; R43 >=3% Conc<7%; T: R23/24; R22; R43 >=1% Conc<3%; T: R23/24; R43 >=0.1% Conc<1%; Xn: R20/21	Eu		-	-	-	-	-	-	-
13197-76-7	1-Dodecanaminium, N-(2-hydroxy-3-sulfopropyl)-N,N-dimethyl-, inner salt	Xi: R36	Xi R: 36	Conc>=20%; Xi: R36	N		-	-	-	-	-	-	-
12550-12-9	(R)-sec-Butylamine [(R)-2-Aminobutane][Note: see also CAS No 513-49-5 & 13952-84-6]	F: R11 Xn: R20/22 C: R35 N: R50	F ; C ; N ; R: 11 - 20/22 - 35 - 50 ; S: (1/2) - 9 - 16 - 26 - 28 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; C: R35; R20/22 >=10% Conc<25%; C: R35 >=5% Conc<10%; C: R34 >=1% Conc<5%; Xi: R36/38	Eu		-	-	-	-	-	-	-
12558-43-0	17-spiro[5,5-Dimethyl-1,3-dioxan-2-yl]androsta-1,4-diene-3-one	N: R50-53 Xn: R22 Xi: R41 R52-53	R: 50/53 S: 22-60-61	Conc>=25%; Xn: R22; R41 >=10% Conc<25%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu		-	-	-	-	-	-	-
13335-71-2	(2,6-Xylyloxy) acetic acid	T+: R26 Xi: R36/38 N: R50-53	T+ ; N ; R: 26 - 36/38 - 50/53 S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=20%; T+: R26; R36/38 >=7% Conc<20%; T+: R26 >=1% Conc<7%; T: R23 >=0.1% Conc<1%; Xn: R20	Eu	Tin, organic compounds (as Sn)	-	0.1	-	0.2	-	Sk	-
13360-57-1	Dimethylsulfamoyl chloride	Carc. Cat. 2: R45 T+: R26 Xn: R21/22 C: R34	T+ ; R: 45 - 21/22 - 26 - 34 S: 53 - 45 ; Note: E	Conc>=25%; T+: R45; R26; R34; R21/22 >=10% Conc<25%; T+: R45; R26; R34 >=7% Conc<10%; T+: R45; R26; R36/38 >=5% Conc<7%; T: R45; R23; R36/38 >=1% Conc<5%; T: R45; R23 >=0.1% Conc<1%; T: R45; R20	Eu		-	-	-	-	-	-	-
13410-01-0	Sodium selenate	T: R23/25 R33	T ; R: 23/25 - 33	Conc >=25%; T: R23/25; R33 >=3% Conc<25%; Xn: R20/22, R33 >=1% Conc<3%; Xn: R33	V	Selenium compounds (as Se) excluding hydrogen selenide	-	0.1	-	-	-	-	-
13423-61-5	Chromic acid (H2CrO4), magnesium salt (1:1)	Carc. Cat. 1: R45 Muta. Cat. 2: R46 Repr. Cat. 2: R60-61 T+: R26 T: R25-48/23 C: R34 Xn: R21 R42/43	T+ R: 45-46-60-61-21-25-26-34-42/43-48/23	Conc>=25%; T+: R45; R46; R60; R61; R26; R48/23; R34; R21; R42/43 >=10% Conc<25%; T+: R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7% Conc<10%; T+: R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5% Conc<7%; T: R45; R46; R60; R61; R22;	N		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
13424-46-9	Lead azide [Lead diazide]	E; R3 Repr. Cat. 1; R61 Repr. Cat. 3; R62. Xn; R20/22 R33	E : T ; N ; R: 61 - 62 - 3 - 20/22 - 33 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T; R61; R62; R20/22 ; R33 >=5%Conc<25%; T; R61; R62; R33 >=1%Conc<5%; T; R61; R33 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
		N; R50-53											
13451-08-6	Sulphur tetrachloride [Sulfur tetrachloride]	R14 C; R34 N; R50	C; N R: 14-34-50 S: (1/2)-26-45-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33		Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-		
13453-65-1	Phosphonic acid, lead(2+) salt (1:1)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
13453-66-2	Diphosphoric acid, lead(2+) salt (1:2)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-
13457-18-6	Pyrazophos (ISO) [O,O-Diethyl O-(6-ethoxycarbonyl-5-methylpyrazolo(2,3-a) pyrimidin-2-yl) phosphorothioate]	Xn; R20/22 N; R50-53	Xn; N R: 20/22 - 50/53 S: (2) - 36/37 - 46 - 60 - 61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43		Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49	N	-	-	-	-	-	-		
13463-39-3	Nickel carbonyl [Nickel tetracarbonyl]	F; R11 Carc. Cat. 3; R40 Repr. Cat. 2; R61 T+; R26 N; R50-53	F; T+ ; N ; R: 61 - 11 - 26 - 40 - 50/53, S: 53 - 45 - 60 - 61 Note: E	Conc>=7%; T+; R40; R61; R26 >=1%Conc<7%; T; R40; R61; R23 >=0.5%Conc<1%; T; R61; R20 >=0.1%Conc<0.5%; Xn; R20	Eu; A Ni)	Nickel carbonyl (as Ni)	0.05	0.12	-	-	-	-	-
13463-40-6	Iron pentacarbonyl (as Fe) [Pentacarbonyliron]	T+; R26 Xn; R22 Xi; R41	T+ ; R22 - 26 - 41	Conc>=25%; T+; R26; R22; R41 >=10%Conc<25%; T+; R26; R41 >=7%Conc<10%; T+; R26; R36 >=5%Conc<7%; T; R23; R36 >=1%Conc<5%; T; R23 >=0.1%Conc<1%; Xn; R20	A	Iron pentacarbonyl (as Fe)	0.1	0.23	0.2	0.45	-	-	-
13464-38-5	Arsenic acid (H3AsO4), trisodium salt	Carc. Cat. 1; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R63 T; R23/25 Xn; R21-48/20/21/22	T R: 45-21-23/25-48/20/21/22-63-68	Conc>=25%; T; R45; R63; R68; R23/25; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R63; R68; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R63; R68; R20/22 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes	
13464-80-7	Hydrazine, sulfate (2:1)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25-48/25 R43	T R: 45-23/24/25-43-48/25-68	Conc>=25%; T; R45; R68; R23/24/25; R48/25; R43 >=10%Conc<25%; T; R45; R68; R48/25; R20/21/22; R43 >=3%Conc<10%; T; R45; R68; R20/21/22; R48/22; R43 >=1%Conc<3%; T; R45; R68; R48/22; R43 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-	
				Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-		
				T+ R: 45-46-60-61-21-25-26-48/23/25										
13464-92-1	Cadmium bromide, tetrahydrate	Xn; R21												
13465-08-2	Hydroxylammonium nitrate	E; R2 Carc. Cat. 3; R40 T; R24 Xn; R22-48/22 Xi; R36/38 R43 N; R50	E; T; N R: 2-22-24-36/38-40-43-48/22-50 S: (1/2)-26-36/37-45-61	Conc>=25%; T; R40; R24; R22; R48/22; R36/38; R43 >=20%Conc<25%; Xn; R40; R21; R48/22; R36/38; R43 >=10%Conc<20%; Xn; R40; R21; R48/22; R43 >=3%Conc<10%; Xn; R40; R21; R43 >=1%Conc<3%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-	
				O; R9 Xn; R20/22	Eu	-	-	-	-	-	-	-	-	
				S: (2) - 27	Eu	-	-	-	-	-	-	-	-	
13474-64-1	4,4'-Methylenebis(N,N'-dimethylcyclohexanamine)	Xn; R22-48/22 C; R35 R52-53	C; R; 22 - 35 - 48/22 - 52/53 S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; C; R35; R22; R48/22 >=10%Conc<25%; C; R35; R48/22 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-	
13477-00-4	Barium chlorate	O; R9 Xn; R20/22 N; R51-53	O; Xn; N R: 9-20/22-51/53 S: (2-)13-27-61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-	
13478-00-7	Nitric acid, nickel(2+) salt, hexahydrate	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38-41 R42/43	T R: 49-61-20/22-38-41-42/43-48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R41; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R41; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R41; R42/43 >=5%Conc<10%; T; R49; R61; R68; R48/20; R36; R42/43 >=1%Conc<5%; T; R49; R61; R68;	N	-	-	-	-	-	-	-	-	
13494-80-9	Tellurium & compounds (as Te)				A	Tellurium & compounds (as Te)	-	0.1	-	-	-	-	-	
13516-27-3	Guazatine [Guanidine, N,N'''-(iminodi-8,1-octanediyl)bis]]	T+; R26 Xn; R21/22 Xi; R37/38-41 N; R50-53	T+; N R: 21/22-26-37/38-41-50/53 S: (1/2)-26-28-36/37/39-38-45-46-60-61-63	Conc>=25%; T+; R26; R21/22; R37/38; R41 >=20%Conc<25%; T+; R26 R37/38; R41 >=10%Conc<20%; T+; R26; R41 >=7%Conc<10%; T+; R26; R36 >=5%Conc<7%; T; R23; R36 >=1%Conc<5%; T; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-	
13517-20-9	Perboric acid (H3BO2(O2)), monosodium salt trihydrate [Sodium peroxoborate hexahydrate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 37244-98-7 & 10486-00-7)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xi; R37-41	T R: 61-37-41-62 S: 53-45-47	Conc>=36%; T; R61; R62; R37; R41 >=22%Conc<36%; T; R61; R62; R36/37 >=20%Conc<22%; T; R61; R62; R37 >=14%Conc<20%; T; R61; R62 >=10%Conc<14%; T; R61	Eu	-	-	-	-	-	-	-	-	

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
13517-20-9	Perboric acid (H3BO2(O2)), monosodium salt trihydrate [Sodium peroxoborate hexahydrate](Note: containing >= 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 37244-98-7 & 10486-00-7)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xn; R20 Xi; R37-41	T R: 61-20-37-41-62 S: 53-45-47 Note: E	Conc>=36%; T; R61; R62; R20; R37; R41 >=25%Conc<36%; T; R61; R62; R20; R36/37 >=22%Conc<25%; T; R61; R62; R36/37 >=20%Conc<22%; T; R61; R62; R37 >=14%Conc<20%; T; R61; R62 >=10%Conc<14%; T; R61	Eu	-	-	-	-	-	-	-	-
				Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
13530-65-9	Chromic acid (H2CrO4), zinc salt (1:1) [Zinc chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43	T R: 45-22-23-43-48/20	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
13530-65-9	Chromic acid (H2CrO4), zinc salt (1:1) [Zinc chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43	T R: 45-22-23-43-48/20	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
13530-65-9	Chromic acid (H2CrO4), zinc salt (1:1) [Zinc chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43	T R: 45-22-23-43-48/20	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
13530-68-2	Chromic acid (H2Cr2O7)	T; R25 Xn; R21 N; R50-53	T; N R: 21-25-50/53 S: (1/2)-22-36/37-45-60-61	Conc>=25%; T+; R45; R60; R61; R26; R24/25; R48/23; R35; R42/43 >=10%Conc<25%; T+; R45; R60; R61; R26; R48/23; R35; R21/22; R42/43 >=7%Conc<10%; T+; R45; R60; R61; R26; R34; R21/22; R48/20; R42/43 >=5%Conc<7%; T; R45; R60; R61; R23; R34; R21/22; R48/20; R4	N	-	-	-	-	-	-	-	-
13593-03-8	Quinalphos (SO) [O,O-Diethyl-O-quinoxalin-2-yl phosphorothioate]	T; R25 Xn; R21 N; R50-53	T; N R: 21-25-50/53 S: (1/2)-22-36/37-45-60-61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
13595-25-0	4,4'-(1,3-Phenylene-bis(1-methylethylene))bis-phenol	Repr.Cat.3; R62 R43 N; R51-53	Xn; N R: 43-62-51/53 S: (2)-22-36/37-61	Conc>=5%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
13598-36-2	Phosphonic acid [Phosphorous acid see 10294-56-1] C; R35	Xn; R22	C R: 22 - 35 S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C; R22; R35 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
13674-87-8	Tris[2-chloro-1-(chloromethyl)ethyl] phosphate	Carc. Cat. 3; R40	Xn R: 40 S: (2)-36/37	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
13684-56-5	Desmedipham [Ethyl 3-phenylcarbamoyloxyphenylcarbamate]	N; R50-53	N R: 50/53 S: 50-61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
13684-63-4	Phenmedipham [Methyl 3-(3-methylcarbaniloyloxy)carbanilate (ISO)]	N; R50-53	N R: 50/53 S: 50-61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
13765-19-0	Chromic acid (H2CrO4), calcium salt (1:1) [Calcium chromate]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T; N R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N/Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
13770-89-3		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43	T R: 49-61-20/22-38-42/43-48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43	N	-	-	-	-	-	-	-	-
				>=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43									
				>=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43									
				>=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43									
				>=0.5%Conc<1%; T; R49; R61									
13770-89-3	Sulfamic acid, nickel(2+) salt (2:1)			>=0.1%Conc<0.5%; T; R49									
13775-53-6	Trisodium hexafluoroaluminate [Aluminate(3-), hexafluoro-trisodium, (OC-6-11), Sodium hexafluoroaluminate](Note: see also CAS No 15096-52-3)	Xn; R20 T; R48/23/25 N; R51-53	T; N R: 20-48/23/25-51/53 S: (1/2)-37-45-61	Conc>=25%; T; R48/23/25; R20	Eu	-	-	-	-	-	-	-	-
				>=10%Conc<25%; T; R48/23/25									
				>=1%Conc<10%; Xn; R48/20/22									
				Conc>=25%; T; R45; R68; R23/24/25; R48/25; R43									
				>=10%Conc<25%; T; R45; R68; R48/25; R20/21/22; R43									
13775-80-9	Hydrazine, monohydrobromide	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25-48/25 R43	T R: 45-23/24/25-43-48/25-68	>=3%Conc<10%; T; R45; R68; R20/21/22; R48/22; R43	N	-	-	-	-	-	-	-	-
				>=1%Conc<3%; T; R45; R68; R48/22; R43									
				>=0.1%Conc<1%; T; R45									
				Conc>=25%; T; R25; R42/43; R41; R38									
				>=20%Conc<25%; Xn; R22; R42/43; R41; R38									
13820-41-2	Ammonium tetrachloroplatinate [Diammonium tetrachloroplatinate]	T; R25 Xi; R38-41 R42/43	T; R: 25 - 38 - 41 - 42/43, S: (2) - 22 - 26 - 36/37/39 - 45	>=5%Conc<10%; Xn; R22; R42/43; R36	Eu	-	-	-	-	-	-	-	-
				>=3%Conc<5%; Xn; R22; R42/43									
				>=1%Conc<3%; Xn; R42/43									
				Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21									
				>=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25									
13832-25-2	9-Octadecenoic acid, 12-hydroxy-, cadmium salt (2:1), [R-(Z)]-	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	>=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22	N	-	-	-	-	-	-	-	-
				>=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22									
				>=0.5%Conc<1%; T; R45;									
				Conc>=4.5%; T; R60; R61									
				Conc>=25%; Xn; R22; R48/22									
13838-16-9	Enflurane			>=10%Conc<25%; Xn; R48/22									
13840-56-7	Orthoboric acid, sodium salt(Note: see also CAS No. 1330-43-4 & 12267-73-1)	Repr. Cat. 2; R60-61	T R: 60-61 S: 53-45	Conc>=4.5%; T; R60; R61	Eu	-	-	-	-	-	-	-	-
13909-63-2	1-Phenyl-3-(p-toluenesulfonyl)urea	Xn; R22-48/22 R52-53	Xn R: 22-48/22-52/53 S: (2)-32-36-61	Conc>=25%; Xn; R22; R48/22	Eu	-	-	-	-	-	-	-	-
13940-83-5	Nickel fluoride (NiF2), tetrahydrate	Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38-41 R42/43	T R: 49-61-20/22-38-41-42/43-48/23-68	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R41; R42/43	N	-	-	-	-	-	-	-	-
				>=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R41; R42/43									
				>=10%Conc<20%; T; R49; R61; R68; R48/23; R41; R42/43									
				>=5%Conc<10%; T; R49; R61; R68; R48/20; R36; R42/43									
				>=1%Conc<5%; T; R49; R61; R68;									
13952-84-6	sec-Butylamine [2-Aminobutane](Note: see also CAS No 13250-12-9 & 513-49-5)	F; R11 Xn; R20/22 C; R35 N; R60	F; C; N; R: 11 - 20/22 - 35 - 50 , S: (1/2) - 9 - 16 - 26 - 28 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; C; R35; R20/22	Eu	-	-	-	-	-	-	-	-
				>=10%Conc<25%; C; R35									
				>=5%Conc<10%; C; R34									
				>=1%Conc<5%; Xi; R36/38									
				Conc>=10%; Xn; R42/43; R41									
14166-21-3	trans-Cyclohexane-1,2-dicarboxylic anhydride(Note: see also CAS No 85-42-7 & 13149-00-3)	Xi; R41 Xn; R42/43	Xn; R: 41 - 42/43 , S: (2) - 23 - 24 - 26 - 37/39; Note: C	>=5%Conc<10%; Xn; R42/43; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
				Conc>=25%: T; R49; R61; R68; R48/23; R20/22; R38; R41; R42/43 >=20% Conc<25%: T; R49; R61; R68; R48/23; R38; R41; R42/43 >=10% Conc<20%: T; R49; R61; R68; R48/23; R41; R42/43 >=5% Conc<10%: T; R49; R61; R68; R48/23; R38; R42/43 >=1% Conc<5%: T; R49; R61; R68; R48/23; R42/43 O; T; N R: 49-61-8-20/22-38-41-42/43-48/23-68-50/53 Xn; R38-41 Xn; R20/22 Xn; R42/43 Nitric acid, nickel salt(Note: see also CAS No. 13138-442/43 N; R50-53	Eu;A	Nickel, soluble compounds (as Ni) -	0.1	-	-	-	Sen	-
14216-75-2	FeNaZaifor (ISO) [Phenyl 5,6-dichloro-2-trifluoromethylbenzimidazole-1-carboxylate]	Xn; R21/22 N; R50-53	Xn; N; R: 21/22 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%: Xn; R21/22	Eu	-	-	-	-	-	-	-
14255-88-0		Carc. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23 C; R34 Xn; R21 R42/43		Conc>=25%: T+; R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10% Conc<25%: T+; R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7% Conc<10%: T+; R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5% Conc<7%: T; R45; R46; R60; R61; R23; R22;	N	-	-	-	-	-	-	-
14307-35-8	Chromic acid (H2CrO4), dilithium salt	Xn; R22 Xi; R36/37/38 R43	Xn; N; R: 22 - 36/37/38 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%: Xn; R22; R36/37/38; R43 >=20% Conc<25%: Xi; R36/37/38; R43 >=1% Conc<20%: Xi; R43	Eu	-	-	-	-	-	-	-
14324-55-1	Zinc bis(diethylthiocarbamate)	N; R50-53	Xn; N; R: 21/22 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%: Xn; R21/22	Eu	-	-	-	-	-	-	-
14437-17-3	Chlorfenprop methyl (ISO) [Methyl 2-chloro-3-(4-chlorophenyl)propionate]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33		Conc>=25%: T; R40; R61; R62; R68; R20/22; R33 >=5% Conc<25%: T; R40; R61; R62; R68; R33 >=1% Conc<5%: T; R40; R61; R68; R33 >=0.5% Conc<1%: T; R61	N	-	-	-	-	-	-	-
14450-60-3	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, lead salt				A	Cristoballite (respirable dust)	-	0.1	-	-	-	(see Silica - Crystalline)
14464-46-1	Silica crystalline [Cristoballite]				Eu; A	Ferbam	-	10	-	-	-	-
14484-64-1	Iron tris(dimethylthiocarbamate) [Ferbam (ISO)]	Xi; R36/37/38 N; R50-53	Xi; N; R: 36/37/38 - 50/53, S: (2) - 60 - 61	Conc>=20%: Xi; R36/37/38	Eu; A	Ferbam	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21		Conc>=25%: T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10% Conc<25%: T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7% Conc<10%: T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1% Conc<7%: T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5% Conc<1%: T; R45;	N	-	-	-	-	-	-	-
14486-19-2	Borate(1-), tetrafluoro-, cadmium (2:1)			Conc>=25%: Xn; R22; R37; R41 >=20% Conc<25%: Xi; R37; R41 >=10% Conc<20%: Xi; R41 >=5% Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-
14653-91-9	4-Methyl-N-(methylsulfonyl)benzenesulfonamide	Xn; R22 Xi; R37-41	Xn R: 22-37-41 S: (2)-26-39	Conc>=10%: Xi; R41 >=5% Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-
14657-64-8	3-(Hydroxyphenylphosphinyl)propanoic acid	Xi; R41	Xi; R: 41, S: (2) - 26 - 39		Eu	-	-	-	-	-	-	-
	N-(2,6,6-Tetramethyl-1-oxypiperidin-4-yl)acetamide											
14691-89-5	[(4-Acetamido-2,2,6,6-tetramethyl-1-piperidinyl)oxidianyl]	Xn; R22	Xn R: 22 S: (2)-22	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 1; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R61 T; R48/23 Xn; R20/22 Xi; R38 R42/43	T R: 49-61-20/22-38-42/43-48/23-68 Xn; R: 22	Conc>=25%; T; R49; R61; R68; R48/23; R20/22; R38; R42/43 >=20%Conc<25%; T; R49; R61; R68; R48/23; R38; R42/43 >=10%Conc<20%; T; R49; R61; R68; R48/23; R42/43 >=1%Conc<10%; T; R49; R61; R68; R48/20; R42/43 >=0.5%Conc<1%; T; R49; R61 >=0.1%Conc<0.5%; T; R49	N	-	-	-	-	-	-	-	
				Conc>=25%; Xn; R22	V	-	-	-	-	-			
				Talc, (containing no asbestos fibres)	A	-	2.5	-	-	-	-		
				Quartz (respirable dust)	A	-	0.1	-	-	-	(see Silica - Crystalline)		
14808-60-7	Quartz [Silica Crystalline]												
14816-18-3	Phoxim (ISO) [alpha-(Diethoxyphosphinothio)limino] phenylacetone[nitrile]	Repr. Cat. 3; R62 Xn; R22 R43 N; R50-53	Xn; N R: 22-43-62-50/53 S: (2-36/37-46-60-61	Conc>=25%; Xn; R62; R22; R43 >=5%Conc<25%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	
			Xn R: 22-36	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	N	-	-	-	-	-			
14860-53-8	Phosphonic acid, (1-hydroxyethylidene)bis-, tetrapotassium salt	Xn; R22 Xi; R36	Xi R: 10-36/37-67 S: (2-17/9-13-24/25-26-46 Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
14898-79-4	(R)-Butan-2-ol(Note: see also CAS No. 78-92-2, 4221-Xi; R36/37 99-2 & 15892-23-6)	R10 R36/37 R67		Conc>=25%; T+; R26; R22; R41 >=10%Conc<25%; T+; R26; R41 >=7%Conc<10%; T+; R26; R36 >=5%Conc<7%; T; R23; R36 >=1%Conc<5%; T; R23 >=0.1%Conc<1%; Xn; R20	V	-	-	-	-	-	-	-	
14915-37-8	Copper pyrrhione	T+; R26 Xn; R22 Xi; R41	T+ R: 22-26-41	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
14923-81-0	Eicosanolic acid, cadmium salt	Xn; R21		Conc>=25%; T+; R45; R60; R61; R26; R24/25; R48/23; R35; R42/43 >=10%Conc<25%; T+; R45; R60; R61; R26; R48/23; R35; R21/22; R42/43 >=7%Conc<10%; T+; R45; R60; R61; R26; R34; R21/22; R48/20; R42/43 >=5%Conc<7%; T; R45; R60; R61; R23; R34; R21/22; R48/20; R4	N/Eu	-	-	-	-	-	-	-	
15024-10-9	p-Tolyl 4-chlorobenzoate	O; R8 Carc. Cat. 1; R45 Repr. Cat. 2; R60-61 T+; R26 T; R24/25-48/23 C; R35 R42/43 N; R50-53 R43	Xi; N; R: 43 - 50/53 S: (2)24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
15096-52-3	Cryolite [Trisodium hexafluoroaluminate; Sodium aluminum fluoride](Note: see also CAS No 13775-53-6)	Xn; R20	T; N R: 20-48/23/25-51/53 S: (1/2-122-37-45-61	Conc>=25%; T; R48/23/25; R20 >=10%Conc<25%; T; R48/23/25 >=1%Conc<10%; Xn; R48/20/22	Eu	-	-	-	-	-	-	-	-
14977-61-8	Chromium, dichlorodioxo- [Chromic oxychloride; Chromium, dichlorodioxo, (T-4), Chromyl dichloride]	Xn; R21		Conc>=25%; T; R45; R63; R68; R23/25; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R63; R68; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R63; R68; R20/22 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	
15120-17-9	Arsenicic acid, sodium salt	Carc. Cat. 1; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R63 T; R23/25 Xn; R21-48/20/21/22	T R: 45-21-23/25-48/20/21/22-63-68										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Cardinogen Category	Notices	Notes
15120-21-5	Sodium perborate [Sodium peroxoborate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 11138-47-9, 12040-72-1, 7632-04-4 & 10332-33-9)	O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xn; R22 Xi; R37-41	O; T R: 61-8-22-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R37; R41 >=20%Conc<22%; T; R61; R62; R36/37 >=14%Conc<20%; T; R61; R62; R36 >=9%Conc<14%; T; R61; R62 >=6.5%Conc<9%; T; R61 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
		O; R8 Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R23 aerodynamic diameter of below 50 micrometres. See T; R22 also CAS No. 11138-47-9, 12040-72-1 & 7632-04-4, Xi; R37-41	O; T R: 61-8-22-23-37-41-62 S: 53-45 Note: E	Conc>=25%; T; R61; R62; R23; R22; R37; R41 >=22%Conc<25%; T; R61; R62; R20; R37; R41 >=20%Conc<22%; T; R61; R62; R20; R36/37 >=14%Conc<20%; T; R61; R62; R20; R36 >=9%Conc<14%; T; R61; R62; R20 >=6.5%Conc<9%; T; R61; R20 >=3%Conc<6.5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
15120-21-5		Xn; R21/22 Xi; R38-41 R43 N; R50-53	Xn ; N ; R: 21/22 - 38 - 41 - 43 - 50/53, S: (2) - 26 - 36/37/39 - 60 - 61	Conc>=25%; Xn; R21/22; R38; R41; R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
15121-89-8	e-Ethyl-4-oxo-4-phenylcrotonate	R14 Carc. Cat. 3; R40 Xi; R36/38	Xn ; R: 14 - 36/38 - 40 - 43 S: (2) - 26 - 30 - 36 - 38	Conc>=20%; Xn; R40; R36/38 >=1%Conc<20%; Xn; R40	Eu	-	-	-	-	-	-	-	-
15159-40-7	Morpholine-4-carbonyl chloride	R14 Carc. Cat. 3; R40 Xi; R36/38	Xn ; R: 14 - 36/38 - 40 - 43 S: (2) - 26 - 30 - 36 - 38	Conc>=20%; Xn; R40; R36/38 >=1%Conc<20%; Xn; R40	Eu	-	-	-	-	-	-	-	-
15165-67-0	(+)-R-2-(2,4-Dichlorophenoxy)propionic acid	Xn; R22 Xi; R38-41 R43	Xn ; R: 22 - 38 - 41 - 43 , S: (2) - 24 - 26 - 37/39	Conc>=25%; Xn; R22; R38; R41; R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
15233-47-3	1,4-Benzenediamine, N1-(1-methylheptyl)-N4-phenyl-	T+; R28 E; R3 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33 Lead 2,4,6-trinitoresorcinoxide [Lead stypthate; Lead 2,4,6-trinitro-m-phenylene dioxide]	T+ R: 28-43 E ; T ; N ; R: 61 - 62 - 3 - 20/22 - 33 - 50/53, S: 53 - 45 - 60 - 61; Note: E	Conc>=7%; T+; R28; R43 >=1%Conc<7%; T; R25; R43 >=0.1%Conc<1%; Xn; R22	N	-	-	-	-	-	-	-	-
15245-44-0		Xn; R21/22 N; R50-53	Xn; N R: 21/22 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=25%; T; R61; R62; R20/22; R33 >=5%Conc<25%; T; R61; R62; R33 >=1%Conc<5%; T; R61; R33 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
15263-52-2	Cartap hydrochloride	Xn; R21/22 N; R50-53	R: 21/22 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
15263-53-3	Cartap [1,3-Bis(carbamoylthio)-2-(dimethylamino)propane]	N; R50-53	N R: 50/53 S: 60-61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
15271-41-7	3-Chloro-6-cyano-bicyclo(2,2,1)heptan-2-one-O-(N-methylcarbamoyl)oxime [Triamid]	T+; R28 T; R24 N; R51-53	T+ ; N ; R: 24 - 28 - 51/53, S: (1/2) - 28 - 36/37 - 45 - 61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
15290-77-4	1,1,2,2,3,3,4-Heptafluorocyclopentane	R52-53 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	R: 52/53 S: 61	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
15306-30-6	Dodecanoic acid, lead salt				N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
15337-60-7		Carc. Cat. 2; R45		Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21									
		Muta. Cat. 2; R46		>=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25									
		Repr. Cat. 2; R60-61		>=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22									
15337-60-7	Dodecanic acid, barium cadmium salt	T+; R26	T+ R: 45-46-60-61-21+25-26-48/23/25	>=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22	N								
		Xn; R21		>=0.5%Conc<1%; T; R45;									
15347-55-4	9-Octadecenoic acid, lead salt, (Z)-	Carc. Cat. 3; R40		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33									
		Muta. Cat. 3; R68		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc<5%; T; R40; R61; R68; R33									
15347-55-4		Xn; R20/22	T R: 61-20/22-33-40-62-68	>=0.5%Conc<1%; T; R61	N								
		R33											
15375-21-0	Androstria-1,4,9(11)-triene-3,17-dione	Repr. Cat.3; R62	Xn R: 62 S: (2)-32-36/37	Conc>=5%; Xn; R62	Eu								
15448-47-2	Oxirane, methyl-, (R)-	Carc. Cat. 2; R45		Conc>=25%; T; R45; R46; R34; R20/21/22; R37									
		Muta. Cat. 2; R46		>=20%Conc<25%; T; R45; R46; R34; R37									
		Xn; R20/21/22		>=10%Conc<20%; T; R45; R46; R34									
15448-47-2		C; R34	T R: 45-46-20/21/22-34-37	>=5%Conc<10%; T; R45; R46; R36/38	N								
		Xi; R37		>=0.1%Conc<5%; T; R45; R46									
15468-32-3	Silica crystalline [Tridymite]			Tridymite (respirable dust)	A		0.1						(see Silica - Crystalline)
15506-53-3	Cyclobutane-1,3-dione	F; R11	F; R11, S: (2)- 9 - 16 - 33	Conc>=20%; Xi; R36	Eu								
15545-48-9	Chlordoluron [3-(3-Chloro-p-tyl)-1,1-dimethylurea]	Carc. Cat. 3; R40		Conc>=10%; T; R40; R61; R62; R68; R48/22; R33									
		Muta. Cat. 3; R68		>=5%Conc>=10%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61											
15545-48-9		Repr. Cat. 3; R62	T R: 61-33-40-48/22-62-68	>=1%Conc>=5%; T; R40; R61; R68; R33	N								
		Xn; R48/22		>=0.5%Conc>=1%; T; R61									
15521-60-5	Phosphonic acid, lead(2+) salt (2:1)	R33	Xi	Conc>=20%; Xi; R36	N								
15541-60-3	Diphosphoric acid, compd. With 1,3,5-triazine-2,4,6-triamine (1:?)	Xi; R36	R: 36		N								
15545-48-9		Carc. Cat. 3; R40		Conc>=5%; Xn; R63; R40	Eu								
		Repr. Cat. 3; R63		>=1%Conc<5%; Xn; R40									
15606-95-8	Triethyl arsenate	Carc. Cat.1; R45		Conc>=25%; T; R45; R23/25	Eu								
		T; R23/25		>=3%Conc<25%; T; R45; R20/R22									
15625-89-5	2,2-Bis(acryloyloxymethyl)butyl acrylate [Trimethylo propane triacrylate]	N; R50-53		>=0.1%Conc<3%; T; R45	Eu								
		Xi; R36/38		Conc>=20%; Xi; R36/38; R43.									
15625-89-5		R43	Xi; R: 36/38 - 43 , S: (2) - 39 ; Note: D	>=1%Conc<20%; Xi; R43	Eu								
15646-96-5	2,4,4-Trimethylhexamethylene-1,6-diisocyanate(Note: see also CAS No 16938-22-0)	T; R23		Conc>=20%; T; R23; R36/37/38; R42.									
		Xi; R36/37/38		>=2%Conc<20%; T; R23; R42.									
15646-96-5		R42	Note: C	>=0.5%Conc<2%; Xn; R20; R42	Eu; A	Isocyanates, all (as-NCO)	0.02		0.07			Sen	
15662-33-6	6-(1-alpha,5a-beta,8a-beta,9-Pentahydroxy-7-beta-isopropyl-2-beta,5-beta,8-beta-trimethylperhydro-8b-alpha,9-epoxy-5,8-ethanocyclopenta (1,2-b)indenyl)pyrrole-2-carboxylate [Ryania]	Xn; R21/22		Conc>=25%; Xn; R21/22	Eu								
15662-33-6		N; R50-53											
15696-43-2	Octanoic acid, lead salt	Carc. Cat. 3; R40		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33									
		Muta. Cat. 3; R68		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc<5%; T; R40; R61; R68; R33									
15696-43-2		Xn; R20/22	T R: 61-20/22-33-40-62-68	>=0.5%Conc<1%; T; R61	N								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
15739-80-7	Sulfuric acid, lead salt	Carc. Cat. 3; R40	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc>=10%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc>=5%; T; R40; R61; R68; R33									
15748-73-9	Lead, bis(2-hydroxybenzoato-O1,O2)-, (T-4)-	Carc. Cat. 3; R40	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc<5%; T; R40; R61; R68; R33									
15773-52-1	Decanoic acid, lead(2+) salt	Carc. Cat. 3; R40	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc<5%; T; R40; R61; R68; R33									
15773-55-4	Dodecanoic acid, lead(2+) salt	Carc. Cat. 3; R40	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc<5%; T; R40; R61; R68; R33									
15773-56-5	Hexadecanoic acid, lead(2+) salt	Carc. Cat. 3; R40	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc<5%; T; R40; R61; R68; R33									
15825-70-4	Mannitol hexanitrate [Nitromannite]	E; R3	S: (2) - 35	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	Eu	-	-	-	-	-	-	-	-
		E; R3		>=5%Conc<25%; T; R40; R61; R62; R68; R33									
		E; R3		>=1%Conc<5%; T; R40; R61; R68; R33									
15826-16-1	Ethanol, 2-(dodecyloxy)-, hydrogen sulfate, sodium salt	Xn; R22	R: 22-36/38	Conc>=25%; Xn; R22; R36/38	N	-	-	-	-	-	-	-	-
		Xi; R36/38		>=20%Conc<25%; Xi; R36/38									
		Xi; R36/38		>=1%Conc<5%; T; R40; R61; R68; R33									
15879-93-3	Chloralose (INN) [(R)-1,2-O-(2,2,2-Trichloroethylidene)-alpha-D-glucofuranose; Glucochloralose; Anhydroglucochloral]	Xn; R20/22	Xn ; R: 20/22 , S: (2) - 16 - 24/25 - 28	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
		Xn; R20/22		>=20%Conc<25%; Xi; R36/38									
		Xn; R20/22		>=1%Conc<5%; T; R40; R61; R68; R33									
15892-23-6	(±)-Butan-2-ol(Notes: see also CAS No. 78-92-2, 4221- Xi; R36/37 99-2 & 14698-79-4)	R10	Xi R: 10-36/37-67 S: (2-37/9-13-24/25-26-46 Note: C	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
		R10		>=20%Conc<25%; Xi; R36/38									
		R67		>=1%Conc<5%; T; R40; R61; R68; R33									
15972-60-8	Alachlor (ISO) [2-Chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide]	Carc. Cat. 3; R40	Xn; N R: 22-40-43-50/53 S: (2-36/37-46-60-61	Conc>=25%; Xn; R40; R22; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R22		>=1%Conc<25%; Xn; R40; R43									
		R43		>=5%Conc<10%; Xi; R36; R43									
15980-11-7	3-Azidosulfonylbenzoic acid	E; R2	E ; Xn ; R: 2 - 41 - 43 - 48/22 , S: (2) - 22 - 26 - 35 - 36/37/39	Conc>=10%; Xn; R48/22; R41; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R48/22		>=5%Conc<10%; Xi; R36; R43									
		Xi; R41		>=1%Conc<5%; Xi; R43									
16038-76-9	Phosphonic acid, lead salt	Carc. Cat. 3; R40	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33	N	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc>=10%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc>=5%; T; R40; R61; R68; R33									
16063-70-0	2,3,5-Trichloropyridine	Carc. Cat. 3; R40	R: 52/63 S: 61	Conc>=10%; T; R40; R61; R62; R68; R48/22; R33	Eu	-	-	-	-	-	-	-	-
		Muta. Cat. 3; R68		>=5%Conc>=10%; T; R40; R61; R62; R68; R33									
		Repr. Cat. 1; R61		>=1%Conc>=5%; T; R40; R61; R68; R33									

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
16071-86-6	Cuprate(2-), [5-[[4-[2,6-dihydroxy-3-[(2-hydroxy-5-sulphophenyl)azophenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxybenzoato(4-)]-, disodium [C.I. Direct Brown 95]	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-
16088-62-3	Oxirane, methyl-, (S)-	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R20/21/22 C; R34 Xi; R37	T R: 45-48-20/21/22-34-37	Conc>=25%; T; R45; R46; R34; R20/21/22; R37 >=20%Conc<25%; T; R45; R46; R34; R37 >=10%Conc<20%; T; R45; R46; R34 >=5%Conc<10%; T; R45; R46; R36/38 >=0.1%Conc<5%; T; R45; R46	N	-	-	-	-	-	-	-
16183-12-3	1,2-Benzenedicarboxylic acid, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-
16219-75-3	Ethylidene norbornene				A	Ethylidene norbornene	5 Peak limitation	25 Peak limitation	-	-	-	-
16298-38-7	4,4'-Methylenebis(2-isopropyl-6-methylaniline)	Xn; R48/22 N; R51-53	Xn; N R: 48/22-51/53 S: (2-)36-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-
16484-77-8	Mecoprop-P (CAS No. 16484-77-8) and its salts [(R)- Xi; R41 2-(4-Chloro-2-methylphenoxy)propionic acid] N; R51-53	Xn; R22 [(R)- Xi; R41 N; R51-53	Xn; N R: 22-41-51/53 S: (2-)13-26-37/39-46-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
16595-80-5	Levamisole hydrochloride	T; R24 Xn; R22 Xi; R36/38	T; R24 R: 22 - 24 - 36/38	Conc>=25%; T; R24; R22; R36/38 >=20%Conc<25%; Xn; R21; R36/38 >=3%Conc<20%; Xn; R21	V	-	-	-	-	-	-	-
16610-63-2	(1-Hydroxydodecylidene)diphosphonic acid	C; R34 N; R50-53	C; N R: 34-50/53 S: (1/2-)26-36/37/39-45-60-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
16634-82-5	2-Chloro-N-(4-methylphenyl)acetamide	Xi; R41 R43 N; R50-53	Xi; N R: 41-43-50/53 S: (2-)22-26-36/37/39-60-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
16672-87-0	Ethephon [2-Chloroethylphosphonic acid]	Xn; R20/21 C; R34 R52-53	R: 20/21-34-52/53 S: (1/2-)26-28-36/37/39-45-61	Conc>=25%; C; R34; R20/21 >=10%Conc<25 %; C; R34 >=5%Conc<10 %; Xi; R36/37/38	Eu	-	-	-	-	-	-	-
16695-22-0	N,N-Bis(2-(p-toluenesulfonyloxy)ethyl)-p-toluenesulfonamide	R43 R53 Xn; R22 R31 Xi; R41	Xi; R: 43 - 53 S: (2)24 - 37 - 61	Conc>=1%; Xi; R43 Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
16731-55-8	Disulfurous acid, dipotassium salt				N	-	-	-	-	-	-	-
16752-77-5	Methomyl (ISO) [1-(Methylthio)ethylideneamino N-methylcarbamate]	T+; R28 N; R50-53	T+; N R: 28-50/53 S: (1/2-)28-36/37-45-60-61	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu;A	Methomyl	-	2.5	-	-	-	-
16812-54-7	Nickel sulphide	Carc. Cat. 1; R49 R43 N; R50-53	T; N R: 49 - 43 - 50/53 S: 53 - 45 - 60 - 61	Conc>=1%; T; R49; R43 >=0.1%Conc<1%; T; R49	Eu; A	Nickel sulphide roasting (fume & dust) (as Ni)	-	1	-	-	1	Sen
16842-03-8	Cobalt hydrocarbonyl (as Co)				A	Cobalt hydrocarbonyl (as Co)	-	0.1	-	-	-	Sen
16853-85-3	Aluminium lithium hydride	F; R15 C; R35	F; C R: 15-35 S: (1/2-)7/8-26-36/37/39-43-45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-
16871-90-2	Fluorosilicates, alkali (K) [Potassium silicofluoride](Note: see also CAS No 16893-85-9 & 16919-19-0)	T; R23/24/25	T; R: 23/24/25 , S: (1/2) - 26 - 45 ; Note: A	Conc>=10%; T; R23/24/25 >=1%Conc<10%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
16872-11-0	Fluoroboric acid ... %	C; R34	C; R: 34 , S: (1/2) - 26 - 27 - 45; Note: B	Conc>=25%; C; R34 >=10%Conc<25%; Xi; R36/38	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
16893-85-9	Fluorosilicates, alkali (Na) [Sodium silicofluoride](Note: see also CAS No 16871-90-2 & 16919-19-0)	T; R23/24/25	T; R: 23/24/25 , S: (1/2) - 26 - 45 ; Note: A	Conc<=10%; T; R23/24/25 >=1%Conc<10%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
16919-19-0	Fluorosilicates, alkali (NH4) [Ammonium silicofluoride](Note: see also CAS No 16893-85-9 & 16871-90-2)	T; R23/24/25	T; R: 23/24/25 , S: (1/2) - 26 - 45 ; Note: A	Conc<=10%; T; R23/24/25 >=1%Conc<10%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-
16919-58-7	Diammonium hexachloroplatinate	T; R25 Xi; R41 Xn; R42/43	T; R: 25 - 41 - 42/43, S: (1/2) - 22 - 26 - 36/37/39 ->=3%Conc<5%; Xn; R22; R42/43 45	Conc<=25%; T; R25; R42/43; R41 >=10%Conc<25%; Xn; R22; R42/43; R41 >=5%Conc<10%; Xn; R22; R42/43; R36 >=3%Conc<5%; Xn; R22; R42/43 >=1%Conc<3%; Xn; R42/43	Eu	-	-	-	-	-	-	-
16921-30-5	Dipotassium hexachloroplatinate	T; R25 Xi; R41 R42/43	T; R: 25 - 41 - 42/43, S: (1/2) - 22 - 26 - 36/37/39 ->=3%Conc<5%; Xn; R22; R42/43 45	Conc<=25%; T; R25; R42/43; R41 >=10%Conc<25%; Xn; R22; R42/43; R41 >=5%Conc<10%; Xn; R22; R42/43; R36 >=3%Conc<5%; Xn; R22; R42/43 >=1%Conc<3%; Xn; R42/43	Eu	-	-	-	-	-	-	-
16923-58-3	Disodium hexachloroplatinate	T; R25 Xi; R41 R42/43	T; R: 25 - 41 - 42/43, S: (1/2) - 22 - 26 - 36/37/39 ->=3%Conc<5%; Xn; R22; R42/43 45	Conc<=25%; T; R25; R42/43; R41 >=10%Conc<25%; Xn; R22; R42/43; R41 >=5%Conc<10%; Xn; R22; R42/43; R36 >=3%Conc<5%; Xn; R22; R42/43 >=1%Conc<3%; Xn; R42/43	Eu	-	-	-	-	-	-	-
16938-22-0	2,2,4-Timethylhexamethylene-1,6-diisocyanate(Note: Xi; R36/37/38 R42 see also CAS No 15646-96-5)	T; R23 R42	T; R: 23 - 36/37/38 - 42, S: (1/2) - 26 - 28 - 38 - 45; Note: C	Conc<=20%; T; R23; R36/37/38; R42, >=2%Conc<20%; T; R23; R42 >=0.5%Conc<2%; Xn; R20; R42	Eu; A	Isocyanates, all (as-NCO)	-	0.02	-	0.07	-	Sen
16941-12-1	Hexachloroplatinic acid	T; R25 C; R34 R42/43	T; R: 25 - 34 - 42/43, S: (1/2) - 22 - 26 - 36/37/39 ->=3%Conc<5%; Xn; R22; R42/43 45	Conc<=25%; T; R25; R34; R42/43 >=10%Conc<25%; C; R34; R22; R42/43 >=5%Conc<10%; Xn; R22; R42/43; R36/38 >=3%Conc<5%; Xn; R22; R42/43 >=1%Conc<3%; Xn; R42/43	Eu	-	-	-	-	-	-	-
16949-65-8	Magnesium hexafluorosilicate	T; R25	T; R: 25, S: (1/2) - 24/25 - 45	Conc<=10%; T; R25 >=1%Conc<10%; Xn; R22	Eu	-	-	-	-	-	-	-
16961-83-4	Fluorosilicic acid ... %	C; R34	C; R: 34 , S: (1/2) - 26 - 27 - 45; Note: B	Conc<=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
16984-48-8	Fluorides (as F)			A	A	Fluorides (as F)	-	2.5	-	-	-	-
16986-83-7	Propanoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc<=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-
16996-40-0	Hexanoic acid, 2-ethyl-, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc<=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-
16996-51-3	9,12-Octadecadienoic acid, (Z,Z)-, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc<=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-
17010-21-8	Cadmium fluorosilicate [Cadmium hexafluorosilicate (2-)]	T; R23/25 R33 Xn; R68 N; R50-53	T; N R: 23/25-33-68-50/53 S: (1/2)-22-45-60-61	Conc<=10%; T; R23/25; R33; R68 >=1%Conc<10%; Xn; R20/22; R33; R68 >=0.1%Conc<1%; Xn; R20/22; R33	Eu; A	Cadmium and compounds (as Cd)	-	0.01	-	-	2	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Demeton-S-methylsulphone	T; R25 Xn; R21 N; R51-53	T; N R: 21-25-51/53 S: (1/2)-22-26-36/37-45-61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
17040-19-6	[S-2-Ethylsulphonylmethyl dimethyl phosphorothioate]	N; R51-53 Xi; R38 N; R51-53	Xi; N; R: 38 - 51/53 , S: (2) - 37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
17092-80-7	m-Mentha-1,3(8)-diene	T; R23/25 Xn; R21 R43 N; R50-53	T; N R: 21-23/25 - 43 - 50/53 S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R23/25; R21; R43 >=3%Conc<25%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
17109-49-8	Edifénphos (ISO) [O-Ethyl S,S-diphenyl phosphorodithioate]	T; R48/25 Xn; R22 Xi; R41	T R: 22-41-48/25 S: (1/2)-22-26-36-39-45	Conc>=25%; T; R48/25; R22; R41 >=10%Conc<25%; T; R48/25; R41 >=5%Conc<10%; Xn; R48/22; R36 >=1%Conc<5%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
17193-28-1	1-Aminocyclopentanecarboxamide	Xn; R22	Xn; R: 22	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
17321-77-6	Clomipramine hydrochloride	Xn; R22 Xi; R36 R43 N; R50-53	Xn; N R: 22-36-43-50/53 S: (2)-26-36/37-60-61	Conc>=25%; Xn; R22; R36; R43 >=20%Conc<25%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
17339-60-5		R43 N; R51-53	Xi; N; R: 43 - 51/53 S: (2/24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
17351-75-6	1,4-Bis[(vinylxy)methyl]cyclohexane	Methyl (R)-lactate(Notes: see also CAS No 2155-30-8; R10 547-64-8 & 27871-49-4)	Xi; R: 10 - 36/37 S: (2) - 24; Note: C	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
17392-89-5		N	N	Conc>=20%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
17417-32-2	4'-Methyldodecane-1-sulfonanilide	R: 50/53 S: 60-61	R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
17517-01-0	1-Propanamine, N,N-dimethyl-3-(octadecyloxy)-	Xi; R36/38 Xi; R38 R43	R: 36/38 Xi; R: 38 - 43 , S: (2) - 24 - 37	Conc>=20%; Xi; R36/38 Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-
17557-23-2	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropane			Conc>=25%; T; R61; R62; R20/22-48/20/22; R41; R38; R33 >=20%Conc<25%; T; R61; R62; R48/20/22; R41; R38; R33 >=10%Conc<20%; T; R61; R62; R48/20/22; R41; R33 T; N; R: 61 - 62 - 20/22 - Xn; R20/22-48/20/22 Xi; R38-41 R33 S: 53 - 45 - 57 - 61 ; Note: E	Eu	-	-	-	-	-	-	-	-
17570-76-2	Lead (II) methanesulphonate	Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22-48/20/22 Xi; R38-41 R33 N; R88			Eu	-	-	-	-	-	-	-	-
				Conc>=25%; T; R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T; R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T; R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn; R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn; R40; R48/20; R42/43	N	-	-	-	-	-	-	-	-
17589-24-1	1,3-Diazetidine-2,4-dione, 1,3-bis[4-[(4-isocyanatophenyl)methyl]phenyl]-	Carc. Cat. 3; R40 T; R23-R48/23 Xi; R36/37/38 R42/43	T R: 23-36/37/38-40-42/43- 48/23	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
17598-24-1	1,3-Bis(phenylsulfonylthio)-2-(N,N-dimethylamino)propane [Bensultap]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53; S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
17606-31-4		Repr. Cat. 3; R62 Xn; R22 R43 R52-53	Xn; R: 22-43 - 62 - 52/53 S: (2/22 - 36/37 - 61	Conc>=25%; Xn; R62; R22 R43 >=5%Conc<25%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
17630-75-0	5-Chloro-1,3-dihydro-2H-indol-2-one				Eu	-	-	-	-	-	-	-	-
17702-41-9	Decaborane	T; R25 N; R51-53	T; N; R: 25 - 51/53 , S: (1/2) - 36/37 - 45 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	A	Decaborane	0.05	0.25	0.15	0.75	-	Sk	-
17742-69-7	2,6-Dichloro-4-nitroanisole	Muta. Cat. 2; R46 Repr. Cat.2; R60-61 Xi; R37/38 R43			Eu	-	-	-	-	-	-	-	-
17804-35-2	Benomyl (ISO) [Methyl 1-(butylcarbamoyl)benzimidazo-2-ylcarbamate]	T; N R: 46-60-61-37/38-43-50/53 S: 53-45-60-61		Conc>=20%; T; R46; R60/61; R37/38;R43 >=1%Conc<20%; T; R46; R60/61; R43 >=0.5%Conc<1%; T; R46; R60/61 >=0.1%Conc<0.5%; T; R46	Eu; A	Benomyl (f)	0.84	10	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
17865-32-6	Cyclohexyldimethoxymethylsilane	Xi: R38 N: R51-53	Xi; N: R: 38 - 51/63 , S: (2) - 24 - 61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
17980-47-1	Triethoxyisobutylsilane	Xi: R38 Xn: R22	Xi; R: 38 , S: (2) - 24	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
18015-76-4	Malachite green oxalate (Note: see also CAS No. 569-64-2)	Xi: R41 Repr. Cat. 3; R63 N: R50-53	Xn: N R: 22-41-63-50/53 S: (2)-26-36/37-39-46-60-61	Conc>=25%; Xn: R63; R22; R41 >=10%Conc<25%; Xn: R63; R41 >=5%Conc<10%; Xn: R63; R36	Eu	-	-	-	-	-	-	-	-
18085-02-4	1,2-Diacetoxybut-3-ene	Xn: R22	Xn R: 22 S: (2) -	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
18087-70-2	Imidazo[1,2-b]pyridazin hydrochloride	Xn: R22 Xi: R36	Xn R: 22-36 S: (2)-26	Conc>=25%; Xn: R22; R36 >=20%Conc<25%; Xi: R36	Eu	-	-	-	-	-	-	-	-
18230-61-0	Bis(1-methylethyl)-dimethoxysilane	R 10 R38 R43 R 52-53	Xi R: 10-38-43-52/53 S: (2)-24-37-61	Conc>=20%; Xi: R38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
18368-64-4	2-Chloro-5-methyl-pyridine	Xn: R21/22 Xi: R38 R52-53	Xn R: 21/22-38-52/53 S: (2)-23-25-36/37-61	Conc>=25%; Xn: R21/22; R38 >=20%Conc<25%; Xi: R38	Eu	-	-	-	-	-	-	-	-
18454-12-1	Lead chromate oxide (Pb2(CrO4O))	R43	Xi 43-53 S: (2)-24-37-61	Conc>=25%; T: R45; R61; R62; R68; R23; R48/20; R43; R33 >=10%Conc<25%; T: R45; R61; R62; R68; R20; R48/20; R43; R33 >=5%Conc<10%; T: R45; R61; R62; R68; R20; R43; R33 >=3%Conc<5%; T: R45; R61; R68; R20; R43; R33 T R: 45-61-23-33-43-48/20-62- 68 >=1%Conc<3%; T: R45; R61; R68; R43; R33 >=0 R:	N	-	-	-	-	-	-	-	-
18600-59-4	2,2-(1,4-Phenylene)bis((4H-3,1-benzoxazine-4-one)	R43 R 53	Xi 43-53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
18608-34-9	1,2-Benzenedicarboxylic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33	T R: 61-20/22-33-40-62-68 N: R: 50/53, S: 60 - 61	Conc>=25%; T: R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T: R40; R61; R62; R68; R33 >=1%Conc<5%; T: R40; R61; R68; R33 >=0.5%Conc<1%; T: R61	N	-	-	-	-	-	-	-	-
18691-97-9	Meitabenzthiazuron (ISO) [1-(1,3-Benzothiazol-2-yl)1,3-dimethylurea]	N: R50-53	N: R: 50/53, S: 60 - 61	Conc>=25%; C: R21/22; R34; R43 >=10%Conc<25%; C: R34; R21/22; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
18759-96-1	3-Methylaminomethylphenylamine	Xn: R21/22 R34 N: R50-53	C: N R: 21/22-34-43-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; C: R34; R22; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
18854-01-8	Isosaxation (ISO) [O,O-Diethyl O-5-phenylisoxazol-3-ylphosphorothioate]	T: R24/25 N: R50-53	T: N R: 24/25-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T: R24/25 >=3%Conc<25%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
18934-00-4	Oxetane, 3,3'-[oxybis(methylene)]bis[3-ethyl-	Xn: R22	Xn R: 22	Conc>=25%; Xn: R22	N	-	-	-	-	-	-	-	-
19060-15-2	4,4-Dimethoxybutylamine	Xn: R22 C: R34 R43 R52-53	C; R: 22 - 34 - 43 - 52/53 S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; C: R34; R22; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
19098-16-9	Hydroxylamine dithiophosphate(Note: see also CAS No. 10046-00-1, 20845-01-6 & 53933-48-5)	E: R2 Carc. Cat. 3; R40 Xn: R21/22-48/22 Xi: R36/38 R43 N: R50	E: Xn: N R: 2-21/22-36/38-40-43-48/22-50 S: (2)-36/37-61	Conc>=25%; Xn: R40; R21/22; R48/22; R36/38; R43 >=20%Conc<25%; Xn: R40; R48/22; R36/38; R43 >=10%Conc<20%; Xn: R40; R48/22; R43 >=1%Conc<10%; Xn: R40; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
19234-20-9	Ethanol, 2-(1-methylethoxy)-, acetate	Xn, R20/21 T; R25 Xn, R48/22 R43 R52-53	Xn R: 20/21 T; R: 26 - 43 - 48/22 - 52/53 S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; Xn; R20/21 Conc>=25%; T; R25; R48/22; R43 >=10%Conc<25%; Xn; R22; R48/22; R43 >=3%Conc<10%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	N	-	-	-	-	-	-	-
19247-05-3	N,N-Hydrazinodiacetic acid				Eu	-	-	-	-	-	-	-
19287-45-7	Diborane				A	Diborane	0.1	0.11	-	-	-	-
19398-06-2	2-Ethylphenylhydrazine hydrochloride				Eu	-	-	-	-	-	-	-
19438-60-9	Hexahydro-4-methylphthalic anhydride(Note: see also Xi; R41 CAS No 25550-51-0; 48122-14-1 & 57110-29-9)				Eu	-	-	-	-	-	-	-
19450-38-5	1-Amino-1-cyanamino-2,2-dicyanoethylene, sodium salt				Eu	-	-	-	-	-	-	-
19485-03-1	1-Methyl(trimethylene diacrylate [1,3-Butylene glycol diacrylate])				Eu	-	-	-	-	-	-	-
19528-55-3	Hexadecanoic acid, lead salt				N	-	-	-	-	-	-	-
19622-19-6	S-Ethyl N-(dimethylaminopropyl)thiocarbamatehydrochloride				Eu	-	-	-	-	-	-	-
19624-22-7	Pentaborane				A	Pentaborane	0.005	0.013	0.015	0.039	-	-
19666-30-9	Oxadiazon [3-(2,4-Dichloro-5-(1-methylethoxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]				Eu	-	-	-	-	-	-	-
19750-95-9	Chloridineform hydrochloride [N2-(4-Chloro-o-tolyl)-N1,N1-dimethylformamidine hydrochloride; N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine monohydrochloride]				Eu	-	-	-	-	-	-	-
19900-65-3	4,4'-Methylenebis(2-ethylamine) [4,4'-Methylenebis(2-ethylbenzeneamine)]				Eu	-	-	-	-	-	-	-
19937-59-8	Metoxuron (ISO) [3-(3-Chloro-4-methoxyphenyl)-1,1-dimethylurea]				Eu	-	-	-	-	-	-	-
20108-78-5	Valinamide				Eu	-	-	-	-	-	-	-
20153-49-5	Fluorotripentylstannane (Note: see also CAS No. 25637-27-8)				Eu; A	Tin, organic compounds (as Sn)	0.1	-	0.2	-	Sk	-
20153-50-8	Fluorothexylstannane				Eu; A	Tin, organic compounds (as Sn)	0.1	-	0.2	-	Sk	-
20354-26-1	2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidinedione [Methazole]				Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
20403-41-2	Tetradecanoic acid, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61									
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61									
20403-42-3	Decanoic acid, lead salt				N	-	-	-	-	-	-	-	-
20487-40-5	tert-Butyl propionate	R10	R10; S: (2) Note: C		Eu	-	-	-	-	-	-	-	-
20548-54-3	Calcium sulphide	R31 Xi; R36/37/38 N; R50	Xi; N R: 31 - 36/37/38 - 50 S: (2) - 28 - 61	Conc>=20%; Xi; R36/37/38; R31	Eu	-	-	-	-	-	-	-	-
20627-73-0	1-Dimethoxymethyl-2-nitro-benzene	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
20816-12-0	Osmic acid [Osmium tetroxide]	T+; R26/27/28 C; R34	T+; R: 26/27/28 - 34 , S: (1/2) - 7/9 - 26 - 45	Conc>=10%; T+; R26/27/28; R34 >=7%Conc<10%; T+; R26/27/28; R36/38 >=5%Conc<7%; T; R23/24/25; R36/38 >=1%Conc<5%; T; R23/24/25 >=0.1%Conc<1%; Xn; R20/21/22	Eu; A	Osmium tetroxide (as Os)	0.0002	0.0016	0.0006	0.0047	-	-	-
20845-01-6	Hydroxylamine phosphate(Note: see also CAS No. 10046-00-1, 19098-16-9 & 53933-48-5)	E; R2 Carc. Cat. 3; R40 Xn; R21/22-48/22 Xi; R36/38 R43 N; R50	E; Xn; N R: 2-21/22-36/38-40-43-48/22-50 S: (2)-38/37-61	Conc>=25%; Xn; R40; R21/22; R48/22; R36/38; R43 >=20%Conc<25%; Xn; R40; R48/22; R36/38; R43 >=10%Conc<20%; Xn; R40; R48/22; R43 >=1%Conc<10%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
20859-73-8	Aluminium phosphide	F; R15/29 T+; R28 R32 N; R50	F; T+; N R: 15/29-28-32-50 S: (1/2)-3/9/14-28-30-36/37-43-45-61	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
20936-32-7	Benzoic acid, 2,4-dihydroxy-, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
21087-64-9	Metribuzin (ISO) [4-Amino-6-tert-butyl-3-methylthio-1,2,4-triazin-5(4H)-one; 4-Amino-4,5-dihydro-6-(1,1-dimethylethyl)-3-methylthio-1,2,4-triazin-5-one]	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2)-36/61	Conc>=25%; Xn; R22	Eu;A	Metribuzin	-	5	-	-	-	-	-
21093-83-4	Arsenic acid (H3AsO4), dipotassium salt	Carc. Cat. 1; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R63 T; R23/25 Xn; R21-48/20/21/22 R31	T R: 45-21-23/25-48/20/21/22-63-68 Xn; N R: 20/22 - 31 - 50 S: (2) - 28 - 61	Conc>=25%; T; R45; R63; R68; R23/25; R21; R48/20/21/22 >=10%Conc<25%; T; R45; R63; R68; R20/22; R48/20/21/22 >=5%Conc<10%; T; R45; R63; R68; R20/22 >=3%Conc<5%; T; R45; R68; R20/22 >=1%Conc<3%; T; R45; R68 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-
21109-95-5	Barium sulphide	Xn; R20/22 N; R50	R: 20/22 - 31 - 50 S: (2) - 28 - 61	Conc>=25%; Xn; R20/22; R31	Eu	-	-	-	-	-	-	-	-
21136-70-9	Benzidine, salt of Benzidine sulphate(Note: see also CAS No 531-85-1, 531-86-2 & 236341-27-2)	Carc. Cat. 1; R45 Xn; R22 N; R50-53	T; N; R: 45 - 22 - 50/53; S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
21351-79-1	Caesium hydroxide [Cesium hydroxide]			Caesium hydroxide -	A	Caesium hydroxide	2	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
21369-64-2	n-Hexyllithium	F; R14/15-17; C; R35	F : C ; R: 14/15 - 17 - 35, S: (1/2) - 6 - 16 - 26 - 30 - 36/37/39 - 43 - 45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
21436-97-5	2,4,5-Trimethylaniline hydrochloride (Note: see also CAS No. 137-17-7)	Carc. Cat. 2; R45 T; R23/24/25 N; R51-53	T; N R: 45-23/24/25-51/53 S: 53-45-61 Note: E	Conc>=25%; T; R45; R23/24/25 >=3%Conc<25%; T; R45; R20/21/22 >=0.1%Conc<3%; T; R45	Eu	-	-	-	-	-	-	-	-
21548-32-3	Diethyl 1,3-dithietan-2-ylidenephosphoramidate [Foshtietan]	T+; R27/28	T+ ; R: 27/28 , S: (1/2) - 36/37 - 45	Conc>=7%; T+; R27/28 >=1%Conc<7%; T; R24/25 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
21564-17-0	TCMTB [(Benzothiazol-2-ylthio)methyl thiocyanate]	T+; R26 Xn; R22 Xi; R36/38 R43 N; R50-53	T+; N ; R: 22 - 26 - 36/38 - 43 - 50/53, S: (1/2) - 28 - 36/37 - 38 - 45 - 60 - 61	Conc>=25%; T+; R26; R22; R36/38; R43 >=20%Conc<25%; T+; R26; R36/38; R43 >=7%Conc<20%; T+; R26; R43 >=1%Conc<7%; T; R23; R43 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
21609-90-5	Leptophos (ISO) [O-4-Bromo-2,5-dichlorophenyl O-methyl phenylphosphorothioate]	T; R25-39/25 Xn; R21, N; R50-53	T ; N ; R: 21 - 25 - 39/25 - 50/53 , S: (1/2) - 25 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T; R25; R39/25; R21 >=10%Conc<25%; T; R39/25; R22 >=3%Conc<10%; Xn; R22.68/22 >=1%Conc<3%; Xn; R68/22	Eu	-	-	-	-	-	-	-	-
21725-46-2	Cyanazine (ISO) [2-(4-Chloro-6-ethylamino-1,3,5-triazine-2-ylamino)-2-methylpropionitrile]	Xn; R22 N; R50-53	Xn ; N ; R: 22 - 50/53, S: (2) - 37 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
21873-52-9	5,7-Dichloro-4-hydroxyquinoline	N R: 51/53 S: 61	N R: 51/53 S: 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
21923-23-9	Chlorthiophos (ISO)(Note: isomeric reaction mixture in which O-2,5-dichlorophenyl-4-methylthiophenyl O,O-diethyl phosphorothioate predominates)	T+; R28 T; R24 N; R50-53 R43 R52-53 Xn; R65 Xi; R38 R53	T+; N R: 24-28-50/53 S: (1/2)-28-36/37-45-60-61 Xi ; R: 43 - 52/53 S: (2)/24 - 37 - 61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	
21983-80-2	4-Fluoro-2,2-dimethoxyacetophenone	Xn; R65 Xi; R38 R53	Xn R: 38-65-53 S: (2-37-62-61	Conc>=20%; Xn; R65; R38 >=10%Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
22094-83-3	5-endo-Hexyl-bicyclo[2.2.1]hept-2-ene	Xn; R22 N; R50-53	Xn ; N ; R: 22 - 50/53, S: (2) - 24 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
22212-55-1	Benzoylprop ethyl (ISO) [Ethyl N-benzoyl-N-(3,4-dichlorophenyl)-DL-alaninate]	T+; R28 T; R24 N; R50-53	T+; N R: 24-28-50/53 S: (1/2)-23-28-36/37-45-60-61	Conc>=25%; T+; R28; R24 >=7%Conc<25%; T+; R28; R21 >=3%Conc<7%; T; R25; R21 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu; A	Fenamiphos	-	0.1	-	-	-	Sk	-
22224-92-6	Fenamiphos (ISO) [Ethyl-4-methylthio-m-tolyl isopropyl phosphoramidate]	Repr. Cat. 2; R61 Xn; R48/22 R64	T; R: 61-48/22-64	Conc>=10%; T; R61; R64; R48/22 >=1%Conc<10%; T; R61; R64 >=0.5%Conc<1%; T; R61	V	-	-	-	-	-	-	-	-
22232-54-8	Carbimazole	T+; R26/28 R43 N; R50-53	T+; N ; R: 26/28 - 43 - 50/53, S: (1/2) - 24 - 28 - 37/39 - 45 - 60 - 61	Conc>=7%; T+; R26/28; R43 >=1%Conc<7%; T; R23/25; R43 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
22259-30-9	Dimethylaminomethylenearmino]phenyl N-methylcarbamate]	F; R11 O; R7 Xi; R38 R43 N; R51-53	F; O; Xi; N R: 7-11-38-43-51/53 S: (2-7)-14-16-36/37/39-47-61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
22288-41-1	1,1,3,3-Tetramethylbutylperoxyvalate	Carc. Cat. 2; R45 Repr. Cat. 3; R62 T; R48/23	T R: 45-48/23-62 S: 45-53 Note: E	Conc>=5%; T; R45; R62; R48/23 >=0.1%Conc<5%; T; R45; R48/23 >=0.01%Conc<0.1% T; R45; R48/20	Eu	-	-	-	-	-	-	-	-
22398-80-7	Indium phosphide	Xi; R41 R43	Xi ; R: 41 - 43 S: (2)/24/25 - 26 - 37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
22411-22-9	Hafnium tetra-n-butoxide				Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
22432-68-4	4,4,5,5-Tetrachloro-1,3-dioxolan-2-one	T+: R26 Xn: R22 C: R34	T+: R: 22 - 26 - 34 , S: (1/2) - 9 - 26 - 28 - 36/37/39 - 45	Conc>=25%: T+: R26; R34; R22 >=10%Conc<25%: T+: R26; R34 >=7%Conc<10%: T+: R26; R36/38 >=5%Conc<7%: T: R23; R36/38 >=1%Conc<5%: T: R23 >=0.1%Conc<1%: Xn: R20	Eu	-	-	-	-	-	-	-	-
22781-23-3	Bendiocarb (ISO) [2,2-Dimethyl-1,3-benzodioxol-4-yl N-methylcarbamate]	T: R23/25 Xn: R21 N: R50-53	T: N R: 21 - 23/25 - 50/53, S: (1/2) - 22 - 36/37 - 45 - 60 - 61	Conc>=25%: T: R23/25, R21 >=3%Conc<25%: Xn: R20/22	Eu	-	-	-	-	-	-	-	-
22961-82-6	2,2-Dimethyl-1,3-benzodioxol-4-ol	Xi: R41	Xi: R: 41, S: (2) - 24 - 26 - 39	Conc>=10%: Xi: R41 >=5%Conc<10%: Xi: R36	Eu	-	-	-	-	-	-	-	-
23031-36-9	Prallethrin [2-Methyl-4-oxo-3-(prop-2-ynyl)cyclopent-2-en-1-yl 2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate; ETOC]	T: R23 Xn: R22 N: R50-53	T: N R: 22-23-50/53 S: (1/2)-45-60-61	Conc>=25%: T: R23; R22 >=3%Conc<25%: Xn: R20	Eu	-	-	-	-	-	-	-	-
23085-60-1	Benzyl 2,4-dibromobutanoate	Repr. Cat. 3; R62 Xi: R38 R43 N: R50-53	Xn: N: R: 38 - 43 - 62 - 50/53 S: (2/3 - 36/37 - 41 - 60 - 61	Conc>=20%: Xn: R62; R38; R43 >=5%Conc<20%: Xn: R62; R43 >=1%Conc<5%: Xi: R43	Eu	-	-	-	-	-	-	-	-
23103-98-2	Plimicarb [2-Dimethylamino-5,6-dimethylpyrimidin-4-yl dimethylcarbamate; 5,6-Dimethyl-2-dimethylamino- pyrimidin-4-yl N,N-dimethylcarbamate]	T: R25 N: R50-53	T: N; R: 25 - 50/53, S: (1/2) - 22 - 37 - 45 - 60 - 61	Conc>=25%: T: R25 >=3%Conc<25%: Xn: R22	Eu	-	-	-	-	-	-	-	-
23135-22-0	N' N'-Dimethylcarbamoyl(methylthio)methylaniline N-methylcarbamate [Oxamyl]	T+: R26/28 Xn: R21 N: R51-53	T+: N: R: 21 - 26/28 - 51/53 S: (1/2) - 36/37 - 45 - 61	Conc>=25%: T+: R26/28; R21 >=7%Conc<25%: T+: R26/28 >=1%Conc<7%: T: R23/25 >=0.1%Conc<1%: Xn: R20/22	Eu	-	-	-	-	-	-	-	-
23268-00-0	Hydrazine, dihydrobromide	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T: R23/24/25-48/25 R43	T: N; R: 26/28 - 43 - 50/53, S: (1/2) - 24 - 28 - 37/39 - 45 - 60 - 61	Conc>=25%: T: R45; R68; R23/24/25; R48/25; R43 >=10%Conc<25%: T: R45; R68; R48/25; R20/21/22; R43 >=3%Conc<10%: T: R45; R68; R20/21/22; R48/22; R43 >=1%Conc<3%: T: R45; R68; R48/22; R43 >=0.1%Conc<1%: T: R45	N	-	-	-	-	-	-	-	-
23422-53-9	Formetanate hydrochloride [3-(N,N-Dimethylaminomethyleneamino)phenyl N-methylcarbamate]	T+: R26/28 R43 N: R50-53	T+: N: R: 26/28 - 43 - 50/53, S: (1/2) - 24 - 28 - 37/39 - 45 - 60 - 61	Conc>=7%: T+: R26/28; R43 >=1%Conc<7%: T: R23/25; R43 >=0.1%Conc<1%: Xn: R20/22	Eu	-	-	-	-	-	-	-	-
23503-41-1	Plimiphos ethyl (ISO) [O,O-Diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate]	T: R25 Xn: R21 N: R50-53	T: N; R: 21 - 25 - 50/53, S: (1/2) - 23 - 36/37 - 45 - 60 - 61	Conc>=25%: T: R25; R21 >=3%Conc<25%: Xn: R22	Eu	-	-	-	-	-	-	-	-
23560-59-0	Heptlenophos (ISO) [7-Chlorobicyclo(3,2,0)hepta-2,6-dien-6-yl dimethyl phosphate]	T: R25 Xn: R50-53	T: N R: 25-50/53 S: (1/2)-23-28-37-45-60-61	Conc>=25%: T: R25 >=3%Conc<25%: Xn: R22	Eu	-	-	-	-	-	-	-	-
23564-05-8	Thiophanate methyl (ISO) [Dimethyl 4,4'-(O-phenylene)-bis-(3-thiocalophanate); 1,2-di-(3-Methoxycarbonyl-2-thioureido)benzene]	Muta. Cat. 3; R68 Xn: R20 R43 N: R50-53	Xn: N R: 20 - 43 - 50/53 - 68 S: (2) - 36/37 - 46 - 60 - 61	Conc>=25%: Xn: R68; R20; R43 >=1%Conc<25%: Xn: R68; R43	Eu	-	-	-	-	-	-	-	-
23593-75-1	Clotrimazole	Xn: R22	Xn: R: 22	Conc>=25%: Xn: R22	V	-	-	-	-	-	-	-	-
23783-26-8	Hydroxyphosphonoacetic acid	Xn: R22-48/22 C: R34 R43	C: R: 22 - 34 - 43 - 48/22, S: (1/2) - 22 - 26 - 36/37/39 - 45	Conc>=25%: C: R34; R22; R48/22; R43 >=10%Conc<25%: C: R34; R48/22; R43 >=5%Conc<10%: Xi: R36/38; R43 >=1%Conc<5%: Xi: R43	Eu	-	-	-	-	-	-	-	-
23911-85-5	2,2''-Dihydroxy-4,4''-(2-hydroxy-propane-1,3-diyl)dibenzophenone	R53	R: 53 S: 61	>=1%Conc<5%: Xi: R43	Eu	-	-	-	-	-	-	-	-
23947-60-6	Ethirimol (ISO) [5-Butyl-2-ethylamino-6-methylpyrimidin-4-ol]	Xn: R21	Xn: R: 21 , S: (2) - 36/37	Conc>=25%: Xn: R21	Eu	-	-	-	-	-	-	-	-
23950-58-5	Propyzamide (ISO) [3,5-Dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide]	Carc. Cat. 3; R40 N: R50-53	Xn: N: R: 40 - 50/53 S: (2/36/37 - 60 - 61	Conc>=1%: Xn: R40	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
24017-47-8	Triazophos (ISO) [O,O-Diethyl-O-1-phenyl-1H-1,2,4-triazol-3-yl phosphorothioate]	T: R23/25	T: N	Conc>=25%; T: R23/25; R21 >=3%Conc<25%; Xn: R20/22	Eu								
		Xn: R21	R: 21-23/25-50/53										
		N: R50-53	S: (1/2)/36/37-45-60-61										
24083-03-2	1-(2-Butoxypropoxy)propan-2-ol	Xn: R21/22	Xn: (2)	Conc>=25%; Xn: R21/22	Eu								
		Xn: R22-48/22 Xi: R41 R43	Xn: N R: 22-41-43-48/22-50/53 S: (2-)/22-26-36/37/39-60-61										
24085-06-1	2-Acetoxymethylene-4-acetylphenylacetate	N: R50-53	Xn: N	>=1%Conc<5%; Xi: R43	Eu								
24151-93-7	Piperophos (ISO) [S-2-Methylpiperidinocarbonylmethyl-O,O-dipropyl phosphorodithioate]	N: R50-53	R: 22-50/53	Conc>=25%; Xn: R22	Eu								
		Xn: R22	S: (2-)/60-61	Conc>=25%; Xn: R22									
		N: R50-53	Xi: N: R: 41 - 50/53 , S: (2) - 26 - 39 - 60 - 61	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36									
24197-34-0	4,4'-Thiodi-o-cresol [Bis(4-hydroxy-3-methylphenyl)sulfide]	Xi: R41 N: R50-53			Eu								
24279-39-8	2,6-Dichloro-4-trifluoromethylaniline	Xn: R20/22	Xn: N	Conc>=25%; Xn: R20/22; R38; R43	Eu								
		Xi: R38 R43	R: 20/22-38-43-50/53 S: (2-)/24-37-60-61	>=20%Conc<25%; Xi: R38; R43 >=1%Conc<20%; Xi: R43									
		N: R50-53											
24294-01-7	3-N,N-Bis(methoxyethyl)aminoacetanilide	Xn: R22 R52-53	R: 22-52/53 S: (2-)/22-24-61	Conc>=25%; Xn: R22	Eu								
24307-26-4	1,1-Dimethylpiperidinium chloride [Mepiquat chloride]	Xn: R22 R52-53	Xn: R: 22 - 52/53, S: (2) - 61	Conc>=25%; Xn: R22	Eu								
24342-03-8	Isobutyl but-3-enoate	R10	R10		Eu								
		S: (2)	S: (2)										
24403-04-1	2-Bromo-2-nitropropanol	T: R24 Xn: R22-48/22 C: R34 R43 N: R50-53	T: N: R: 22 - 24 - 34 - 43 - 48/22 - 50/53 S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T: R24; R34; R22; R48/22; R43 >=10%Conc<25%; C: R34; R21; R48/22; R43 >=5%Conc<10%; Xn: R21; R36/38; R43 >=3%Conc<5%; Xn: R21; R43 >=1%Conc<3%; Xi: R43	Eu								
		Repr. Cat. 2; R61	T: N: R: 61 - 20/22 - 38 - 50/53	Conc>=25%; T: R61; R20/22; R38									
		Xn: R20/22 Xi: R38 N: R50-53	S: 53 - 45 - 60 - 61; Note: E	>=20%Conc<25%; T: R61; R38 >=0.5%Conc<20%; T: R61									
24602-86-6	Tridemorph (ISO) [2,6-Dimethyl-4-tridecylmorpholine]	O: R8 Carc. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+: R26 T: R25-48/23 C: R34 Xn: R21 R42/43 N: R50-53		Conc>=25%; T+: R45; R46; R60; R61; R26; R25; R48/23; R34; R21; R42/43 >=10%Conc<25%; T+: R45; R46; R60; R61; R26; R48/23; R34; R22; R42/43 >=7%Conc<10%; T+: R45; R46; R60; R61; R26; R22; R48/20; R36/38; R42/43 >=5%Conc<7%; T: R45; R46; R60; R61; R23; R22;	Eu								
24613-89-6	Chromic acid (H2CrO4), chromium(3+) salt (3:2) [Chromium-III chromate]	O: R8 Carc. Cat. 2; R45 C: R35 R43 N: R50-53	O: T: C: N: R: 45 - 8 - 35 - 43 - 50/53, S: 53 - 45 - 60 - 61	Conc>=10%; T: R45; R35; R43 >=5%Conc<10%; T: R45; R34; R43 >=1%Conc<5%; T: R45; R36/38; R43 >=0.1%Conc<1%; T: R45	N/Eu								
24691-76-7	Pyracarbolid [3,4-Dihydro-6-methyl-2H-pyran-5-carboxanilide]	R52-53	R: 52/53, S: 61	Conc>=10%; T: R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T: R40; R61; R62; R68; R33 >=1%Conc>=5%; T: R40; R61; R68; R33 >=0.5%Conc>=1%; T: R61	Eu								
24824-71-3	Phosphonic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R48/22 R33		Conc>=10%; T: R40; R61; R62; R68; R48/22; R33 >=5%Conc>=10%; T: R40; R61; R62; R68; R33 >=1%Conc>=5%; T: R40; R61; R68; R33 >=0.5%Conc>=1%; T: R61	N								
24856-00-6	5-Bromo-8-naphtholactam	Xn: R22 R43 N: R50-53	Xn: N: R: 22 - 43 - 50/53 S: (2)/22 - 24 - 37 - 60 - 61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
24934-91-6	Chlormephos (ISO) [S-Chloromethyl O,O-diethyl phosphorodithioate]	T+: R27/28 N: R50-53	T+: N R: 27/28-50/53 S: (1/2)-27-36/37-45-60-61	Conc>=7%: T+; R27/28 >=1%Conc<7%: T; R24/25 >=0.1%Conc<1%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-
25013-15-4	Methyl styrene, all isomers [Vinyl toluene]	Xn: R22 Xi: R36	Xn: R22	Conc>=25%: Xn; R22; R36; R43 >=20%Conc<25%: Xi; R36; R43 >=1%Conc<20%: Xi; R43	A	Vinyl toluene	50	242	100	483	-	-	-
25057-89-0	Bentazone (ISO) [3-Isopropyl-2,1,3-benzothiadiazine-4-one-2,2-dioxide]	R43 R52-53	Xn: R: 22 - 36 - 43 - 52/53, S: (2) - 24 - 37 - 61		Eu	-	-	-	-	-	-	-	-
25059-76-3	3,6-Dichloro-o-anisic acid, compound with 2,2'-liminodietanol (1:1)[Note: see also CAS No 1982-69-0 & 53404-28-7]	R52-53	R: 52/53, S: 61		Eu	-	-	-	-	-	-	-	-
25059-80-7	Benazolin-ethyl [Ethyl 4-chloro-2-oxo-2H-benzothiazole-3-acetate]	N: R51-53	N: R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
25068-38-6	Bisphenol-A (epichlorhydrin), reaction product [Epoxy resin (number average molecular weight =< 700)]	Xi: R36/38 R43 N: R51-53	Xi: N R: 36/38-43-51/53 S: (2)-28-37/39-61	Conc>=5%: Xi; R36/38; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
25154-52-3	Nonylphenol No. 84852-15-3)	Repr. Cat. 3; R62 Repr. Cat. 3; R63 Xn: R22 C: R34 N: R50-53	C: N R: 22-34-62-63-50/53 S: (1/2)-26-36/37/39-45-46-60-61	Conc>=25%: C; R62; R63; R34; R22 >=10%Conc<25%: C; R62; 63; R34 >=5%Conc<10%: Xn; R62; R63; R36/38	Eu	-	-	-	-	-	-	-	-
25154-54-5	Dinitrobenzene (Note: see also CAS No 528-29-0, 99-65-0 & 100-25-4)	T+: R26/27/28 R33 N: R50-53	T+: N; R: 26/27/28 - 33 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61	Conc>=7%: T+; R26/27/28; R33 >=1%Conc<7%: T; R23/24/25; R33 >= 0.1%Conc<1%: Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
25155-23-1	Trixylyl phosphate	Repr. Cat. 2; R60	R: 60 S: 53-45	Conc>=0.5%: T; R60	Eu	-	-	-	-	-	-	-	-
25155-30-0	Benzenesulfonic acid, dodecyl-, sodium salt [Sodium dodecyl benzene sulphonate]	Xn: R22 Xi: R38-41	Xn R: 22-38-41	Conc>=25%: Xn; R22; R38; R41 >=20%Conc<25%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	N	-	-	-	-	-	-	-	-
25167-80-0	Chlorophenol (Note: see also CAS No 95-57-8, 106-48-9 & 108-43-0)	Xn: R20/21/22 N: R51-53	Xn: N; R: 20/21/22 - 51/53, S: (2) - 28 - 61; Note: C	Conc>=25%: Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
25168-05-2	Chlorotoluene (Note: see also CAS No 95-49-8, 108-41-8 & 106-43-4)	Xn: R20 N: R51-53	Xn: N; R: 20 - 51/53 S: (2) - 24/25 - 61 Note: C	Conc>=25%: Xn; R20	Eu	-	-	-	-	-	-	-	-
25311-71-1	Isodienphos (ISO) [O-Ethyl O-2-isopropoxycarbonylphenyl-isopropylphosphoramidithioate]	T: R24/25 N: R50-53	R: 24/25-50/53 S: (1/2)-36/37-45-60-61	Conc>=25%: T; R24/25 >=3%Conc<25%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-
25321-14-6	Dinitrotoluene (Note: see also CAS No. 121-14-2)	Xn: R22 N: R50-53	Xn: N R: 22 - 50/53 S: (2) - 60 - 61	Conc>=25%: T; R45; R62; R68; R23/24/25; R48/22 >=10%Conc<25%: R45; R62; R68; R20/21/22; R48/22 R: 45-23/24/25-48/22-62-68- 50/53 S: 53-45-60-61 Note: E	Eu,A	Dinitrotoluene (h)	-	1.5	-	-	-	Sk	-
25366-23-8	Thiazifluron (ISO) [1,3-Dimethyl-1-(5-trifluoromethyl-1,3,4-thiadiazol-2-yl)urea]	Xn: R22 N: R50-53	Xn: R22 S: (2) - 60 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
25383-07-7	(R)-alpha-Phenylethylammonium (-)-(1R,2S)-(1,2-epoxypropyl)phosphonate monohydrate	Repr. Cat. 3; R62 N: R51-53	Xn: N; R: 62 - 51/53 S: (2) - 22 - 36/37 - 61	Conc>=5%: Xn; R62	Eu	-	-	-	-	-	-	-	-
25402-06-6	3-(But-2-enyl)-2-methyl-4-oxocyclopent-2-enyl-2,2-dimethyl-3-(2-methylprop-1-enyl)yclopropanecarboxylate [Cinerin-l]	Xn: R22 N: R50-53	Xn: N R: 22 - 50/53 S: (2) - 60 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
25550-51-0	Hexahydromethylphthalic anhydride(Notes: see also CAS No 19438-60-9; 48122-14-1 & 57110-29-9)	Xi: R41 Xn: R42/43	Xn: R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
25550-58-7	Dinitrophenol(Notes: see also CAS No 71829-74-8)	T: R23/24/25 R33 N: R50-53	T: N R: 23/24/25 - 33 - 50/53 S: (1/2) - 28 - 37 - 45 - 60 - 61 Note: C	Conc>=25%; T: R23/24/25; R33 >=3%Conc<25%; Xn: R20/21/22; R33 >=1%Conc<3%; Xn: R33	Eu	-	-	-	-	-	-	-	-
25551-13-7	Trimethyl benzene [Benzene, trimethyl]		T: N; R: 23/24/25 - 33 - 50/53, S: (1/2) - 28 - 36/37 - 45 - 60 - 61; Note: C		A	Trimethyl benzene	25	123	-	-	-	-	-
25567-67-3	Chlorodinitrobenzene	T: R23/24/25 R33 N: R50-53	T: R23/24/25 - 33 - 50/53 S: (1/2) - 28 - 36/37 - 45 - 60 - 61; Note: C	Conc>=25%; T: R23/24/25; R33 >=3%Conc<25%; Xn: R20/21/22; R33 >=1%Conc<3%; Xn: R33	Eu	-	-	-	-	-	-	-	-
25584-83-2	2-Propenoic acid, monoester with 1,2-Propanediol [2- Hydroxypropyl acrylate](Notes: see also CAS No 989-61-1 & 2918-23-2)	T: R23/24/25 R33 C: R34 R43	T: R: 23/24/25 - 34 - 43, S: (1/2) - 26 - 36/37/39 - 45, Notes: C; D	Conc>=10%; T: R23/24/25; R34; R43 >=5%Conc<10%; T: R23/24/25; R36/38; R43 >=2%Conc<5%; T: R23/24/25; R43 >=0.2%Conc<2%; Xn: R20/21/22; R43	Eu	-	-	-	-	-	-	-	-
25634-93-9	2-Methyl-5-phenylpentanol	Xi: R 36/38	Xi: R: 36/38 S: (2) - 26 - 37	Conc>=20%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
25637-27-8	Hexapentylidiamoxane (Note: see also CAS No. 20153-49-5)	Xn: R20/21/22 N: R50-53	Xn: N R: 20/21/22-50/53 S: (2)-26-28-60-61	Conc>=1%; Xn: R20/21/22	Eu; A	Tin, organic compounds (as Sh)	-	0.1	-	0.2	-	-	Sk
25637-99-4	Hexabromocyclododecane, [HBCCD: Cyclododecane, hexabromo](Note: see also CAS No 3194-55-6)	Repr. Cat. 3; R63 R64	R: 63-64 S: 22-53-60-61	Conc>=5%; Xn: R63; R64 >=1%Conc<5%; Xn: R64	Eu/N	-	-	-	-	-	-	-	-
25639-42-3	Methylcyclohexanol				A	Methylcyclohexano	50	234	-	-	-	-	-
25646-71-3	4-(N-Ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate [N-(2-(4-Amino-N-ethyl-m-toluidinoethyl)methanesulphonamide sesquisulphate]	Xn: R22 R43 N: R50-53	Xn: N; R: 22 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
25646-77-9	(4-Ammonio-m-tolylethyl)(2-hydroxyethyl)ammonium sulphate [4-(N-Ethyl-N-2-hydroxyethyl)-2-methylphenylenediamine sulphate]	T: R25 Xn: R48/22 R43 N: R50-53	T: N; R: 25 - 43 - 48/22 - 50/53, S: (1/2) - 24 - 37 - 45 - 60 - 61	Conc>=25%; T: R25; R48/22; R43 >=10%Conc<25%; Xn: R22; R48/22; R43 >=3%Conc<10%; Xn: R22; R43 >=1%Conc<3%; Xi: R43	Eu	-	-	-	-	-	-	-	-
25686-28-6	Benzene, 1,1'-methylenebis[4-isocyanato-, homopolymer	Carc. Cat. 3; R40 T: R23-R48/23 Xi: R36/37/38 R42/43	T R: 23-36/37/38-40-42/43-48/23	Conc>=25%; T: R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T: R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T: R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn: R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn: R40; R48/20; R42/43	N	-	-	-	-	-	-	-	-
25808-74-6	Lead hexafluorosilicate	Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33 N: R50-53	R: 61 - 62 - 20/22 - 33 - 50/53 S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T: R61; R62; R20/22; R33 >=5%Conc<25%; T: R61; R62; R33 >=1%Conc<5%; T: R61; R33 >=0.5%Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
25965-81-5	1-(2-Propenyl)pyridinium chloride	Xn: R22 R43	Xn: R: 22 - 43 S: (2/24 - 37	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
26087-47-8	Iprobenfos [S-Benzyl diisopropyl phosphorothioate]	Xn: R22 N: R51-53	R: 22-51/53 S: (2)-61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
26116-56-3	(9S)-9-Amino-9-deoxyerythromycin	Xi: R41 N: R50-53	Xi: N; R: 41 - 50/53 S: (2)26 - 39 - 60 - 61	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
26140-60-3	Terphenyls				A	Terphenyls	0.5 Peak limitation	4.7 Peak limitation	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
26628-22-8	Sodium azide	T+: R28 R32 N: R50-53	T+ : N ; R : 28 - 32 - 50/53, S : (1/2) - 28 - 45 - 60 - 61	Conc>=7%: T+; R28; R32 >=1%Conc<7%: T; R25; R32 >=0.1%Conc<1%: Xn; R22; R32	Eu; A	Sodium azide (f)	0.11 Peak limitation	0.3 Peak limitation	-	-	-	-	-
26635-64-3	Isocytane(Note: see also CAS No. 111-65-9, 540-84-1, 560-21-4, 563-16-6, 564-02-3, 565-75-3, 583-48-2, 584-94-1, 589-43-5, 589-53-7, 589-81-1, 590-73-8, 592-13-2, 592-27-8, 594-82-1, 609-26-7, 619-99-8 & 1067-08-9)	F; R11 R: 11-38-65-67-50/53 S: (2/9)-16-29-33-60-61-62 Note: C N: R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2/9)-16-29-33-60-61-62 Note: C	Conc>=20%: Xn; R65; R38 >=10%Conc<20%: Xn; R65	Eu	-	-	-	-	-	-	-	-
26739-54-8	Guanidinium benzoate	Xn; R22	R: 22 S: (2/22)-25	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
26747-90-0	1,3-Diazetidine-2,4-dione, 1,3-bis(3-isocyanatomethylphenyl)-	Carc. Cat. 3; R40 T+: R26 Xi; R36/37/38 R42/43	T+ R: 26-36/37/38-40-42/23	Conc>=20%: T+; R40; R26; R36/37/38; R42/43 >=7%Conc<20%: T+; R40; R26; R42/43 >=1%Conc<7%: T; R40; R23; R42/43 >=0.1%Conc<1%: Xn; R20	N	-	-	-	-	-	-	-	-
26766-27-8	Triazimol [2,4-Dichloro-alpha-(pyrimidin-5-yl) benzhydryl alcohol]	Xn; R22	Xn ; R: 22 ; S: (2)	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
26836-07-7	Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%: Xn; R22; R38; R41 >=20%Conc<25%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	N	-	-	-	-	-	-	-	-
26912-64-1	9-(2-Propenyloxy)tricyclo[5.2.1.0(2,6)]dec-3(or 4)-ene	Xi; R38 N: R51-53	Xi; N R: 38-51/53 S: (2/23)-37-61	Conc>=20%: Xi; R38	Eu	-	-	-	-	-	-	-	-
26952-21-6	Isocetyl alcohol [Isocetanol]	R43 R52-53	Xi ; R: 43 - 52/53 S: (2/24 - 37 - 61	Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
27080-42-8	2-[[4-(Nitrophenyl)amino]ethyl]urea												
27140-08-5	Phenyldiazine hydrochloride (Note: see also R43 Cas No. 100-63-0, 59-88-1 and 52033-74-6)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T: R23/24/25-48/23/24/25 Xi; R36/38 R43 N: R50	T: N R: 45-23/24/25-36/38-43- 48/23/24/25-68-50 S: 53-45-61; Note: E	>=3%Conc<10%: T; R45; R68; R20/21/22; R48/20/21/22; R43 >=1%Conc<3%: T; R45; R68; R48/20/21/22; R43 >=0.1%Conc<1%: T; R45	Eu	-	-	-	-	-	-	-	-
27176-87-0	Dodecylbenzene sulfonic acid	Xi; R38-41 R43	Xi; R: 38-41-43	Conc>=10%: Xi; R38; R41; R43 >=1%Conc<10%: Xi; R41; R43 >=0.5%Conc<1%: Xi; R41	V	-	-	-	-	-	-	-	-
27177-77-1	Benzenesulfonic acid, dodecyl-, potassium salt	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%: Xn; R22; R38; R41 >=20%Conc<25%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	N	-	-	-	-	-	-	-	-
27253-28-7	Neodecanoic acid, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%: T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%: T; R40; R61; R62; R68; R33 >=1%Conc<5%: T; R40; R61; R68; R33 >=0.5%Conc<1%: T; R61	N	-	-	-	-	-	-	-	-
27253-41-4	Isononanoic acid, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%: T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%: T; R40; R61; R62; R68; R33 >=1%Conc<5%: T; R40; R61; R68; R33 >=0.5%Conc<1%: T; R61	N	-	-	-	-	-	-	-	-
27366-72-9	N,N-(Dimethylamino)thioacetamide hydrochloride	Repr. Cat. 2; R61 N: R50-53	T; N R: 61-50/53 S: 53-45-60-61	Conc>=0.5%: T; R61	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
27460-02-2	Dodecylphenyl phosphate	Xi: R38 R52-53	Xi R: 38-52/53 S: (2-3)-61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
27610-48-6	6-Glycidyoxy-naph-1-yl oxymethyloxirane	Muta. Cat. 3; R68 Xn, R21 Xi: R38 R43 R52-53	Xn R: 21-38-43-68-52/53 S: (2-3)/37/39-61	Conc>=25%; Xn: R68; R21; R38; R43 >=20% Conc<25%; Xn: R68; R38; R43 >=1% Conc<20%; Xn: R68; R43	Eu	-	-	-	-	-	-	-	-
27624-67-5	2,4-Diamino-5-[4-[(2-sulfoxyethyl)sulfonyl]phenyl]azobenzenesulfonic acid	E: R3 Xi: R41 R52-53	E: Xi R: 3-41-52/53 S: (2-3)-22-26-35-39-61	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
27813-02-1	2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol	Xi: R36 R43	Xi R: 36-43	Conc>=20%; Xi: R36; R43 >=1% Conc<20%; Xi: R43	N	-	-	-	-	-	-	-	-
27871-49-4	Methyl (S)-(-)-lactate (Note: see also CAS No 547-64-8; 2165-30-8 & 17392-83-5)	R10 Xi: R36/37	Xi: R: 10 - 36/37 S: (2) - 24; Note: C	Conc>=20%; Xi: R36/37	Eu	-	-	-	-	-	-	-	-
27955-94-8	4,4',4''-(Ethane-1,1,1-triyl)triphenol	N: R51-53	N: R: 51/53; S: 61	-	Eu	-	-	-	-	-	-	-	-
28249-77-6	s-4-Chlorobenzyl diethylthiocarbamate [Thiobencarb]	Xn, R22 N: R50-53	Xn; N: R: 22 - 50/53; S: (2) - 60 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
28365-08-4	2,6-Diamino-3-((pyridine-3-yl)azo)pyridine	Xn, R22-48/22 N: R51-53	Xn; N R: 22-48/22-51/53 S: (2-3)-22-36-61	Conc>=25%; Xn: R22; R48/22 >=10% Conc<25%; Xn: 48/22	Eu	-	-	-	-	-	-	-	-
28434-00-6	S-Bioallethrin [(S)-3-allyl-2-methyl-4-oxocyclopent-2-enyl (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cylopropanecarboxylate] (Note: see also CAS 584-79-2 & 84030-86-4)	Xn: R20/22 N: R50-53	Xn; N: R: 20/22 - 50/53; S: (2) - 36 - 60 - 61 Note: C	Conc>=25%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
28434-01-7	Bioresmethrin (ISO) [(5-Benzy(flur-3-yl)methyl (1R)-trans-2,2-dimethyl-3-(2-methylpropenyl)cylopropanecarboxylate]	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61	-	Eu	-	-	-	-	-	-	-	-
28698-31-9	[[1-Methyl-1,2-ethanediy]bis[nitro]bis(methylene)]tetraakis(phosphoric acid)	Xi: R41 N: R50-53	Xi; N R: 41-50/53 S: (2-3)-39-60-61	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
28905-71-7	Trinitrocresol	E: R2, R4, Xn: R20/21/22	E; Xn: R: 2 - 4 - 20/21/22, S: (2) - 35 ; Note: C	Conc>=25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
29081-56-9	Ammonium perfluorooctane sulfonate [Ammonium heptafluorooctanesulfonate] (Note: see also CAS No. 1763-23-1, 2795-39-3, 70225-14-8, 29457-72-5)	Carc. Cat. 3; R40 Repr. Cat. 2; R61 T: R48/25 Xn: R20/22 R64	T: N R: 61-20/22-40-48/25-64-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R40; R61; R64; R20/22; R48/25 >=10% Conc<25%; T: R40; R61; R64; R48/25 >=1% Conc<10%; T: R40; R61; R64; R48/22 >=0.5% Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
29191-52-4	Anisidine, (o-, p- isomers)	Xn: N	Xn; N R: 22-50/53 S: (2-3)-60-61	Anisidine (o-, p- isomers)	A	-	0.1	0.5	-	-	-	Sk	-
29232-93-7	Pyrimphos-methyl (ISO) [O-(2-Diethylamino-6-methylpyrimidin-4-yl) O,O-dimethyl phosphorothioate]	Xn: R22 N: R50-53	R: 22-50/53 S: (2-3)-60-61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
29329-71-3	Phosphonic acid, (1-hydroxyethylidene)bis-, sodium salt	Xn: R22 Xi: R36	Xn R: 22-36	Conc>=25%; Xn: R22; R36 >=20% Conc<25%; Xi: R36	N	-	-	-	-	-	-	-	-
29420-49-3	Potassium perfluorobutane sulfonate	Xi: R36	Xi; R: 36 S: 25-26	Conc>=20%; Xi: R36	N	-	-	-	-	-	-	-	-
29457-72-5	Lithium perfluorooctane sulfonate [Lithium heptafluorooctanesulfonate] (Note: see also CAS No. 1763-23-1, 2795-39-3, 70225-14-8, 29081-56-9)	Carc. Cat. 3; R40 Repr. Cat. 2; R61 T: R48/25 Xn: R20/22 R64	T: N R: 61-20/22-40-48/25-64-51/53 S: 53-45-61 Note: E	Conc>=25%; T: R40; R61; R64; R20/22; R48/25 >=10% Conc<25%; T: R40; R61; R64; R48/25 >=1% Conc<10%; T: R40; R61; R64; R48/22 >=0.5% Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
29590-42-9	Isooctyl acrylate	Xi: R36/37/38 N: R50-53	Xi; N R: 36/37/38-50/53 S: (2-3)-26-28-60-61	Conc>=10%; Xi: R36/37/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
29597-84-0	Docosanoic acid, lead(2+) salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68 C : R; 21/22 - 35 S: (1/2) - 23 - 26 - 28 - 36/37/39 - 45	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61 Conc>=25%; C; R35; R21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	N	-	-	-	-	-	-	-	-
		Xn; R21/22 C; R35			Eu	-	-	-	-	-	-	-	-
		T; R23/25 Xn; R21 Xi; R36/37/38 R43	T R: 21-23/25-36/37/38-43 Xn; R: 22 - 36/37/38 - 52/53, S: (2) - 22 - 36 - 61 Xn; N; R: 22 - 50/53, S: (2) - 60 - 61 Xi; N; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; T; R23/25; R21; R36/37/38; R43 >=20%Conc<25%; Xn; R20/22; R36/37/38; R43 >=3%Conc<20%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43 Conc>=25%; Xn; R22; R36/37/38 >=20%Conc<25%; Xi; R36/37/38 Conc>=25%; Xn; R22 Conc>=25%; Xn; R22 Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
29820-13-1	Acetic acid, mercapto-, calcium salt (1:1)	Xn; R22 Xi; 36/37/38 R52-53	Xn; R: 22 - 36/37/38 - 52/53, S: (2) - 22 - 36 - 61	Conc>=25%; Xn; R22; R36/37/38 >=20%Conc<25%; Xi; R36/37/38	Eu	-	-	-	-	-	-	-	-
29873-36-7	Morfamquat sulfate	Xn; R22 Xi; 36/37/38 R52-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
29973-13-5	Ethidencarb (ISO) [2-(Ethylthiomethyl)phenyl N-methylcarbamate]	Xn; R22 N; R50-53	Xn; N; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
30043-49-3	1-(5-Ethylsulphonyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea [Ethidmuron]	Xi; R43 N; R50-53		Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
30304-32-6	Isocaproic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25 Xn; R: 22, S: (2) - 36	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
30560-19-1	Acephate (ISO) [O,S-Dimethyl acetylphosphoramidothioate]	Xn; R22		Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
30618-84-9	Acetic acid, mercapto-, monoester with 1,2,3-propanetriol [Glycerol monoethioglycolate; GMTG]	Xi; R43 This substance has only been assessed against the single endpoint of skin sensitisation. This substance has not been subject to a complete assessment for hazard classification in accordance with the approved criteria	Xi; R:43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
30785-74-1	Main component 6 (isomer); asym. 1:2 Cr(III)-complex of: A: 3-hydroxy-4-(2-hydroxy-naphthalene-1-ylazo)naphthalene-1-sulfonic acid, Na-salt and B: 1-[2-hydroxy-5-(4-methoxy-phenylazo)phenylazo]naphthalene-2-ol: Main component 8 (isomer); asym. 1:2 Cr-complex of: A: 3-hydroxy-4-(2-hydroxy-naphthalene-1-ylazo)-naphthalene-1-sulfonic acid, Na-salt and B: 1-[2-hydroxy-5-(4-methoxy-phenylazo)-phenylazo]-naphthalene-2-ol	Xi; R41 N; R50-53 Xn; R22 R43 N; R50-53 R10 Xn; R20 Xi; R37 R66	Xi; N R: 41-50/53 S: (2)/26-39-60-61 Xn; N R: 22 - 43 - 50/53 S: (2) - 36/37 - 60 - 61 Xn R: 10-20-37-66 S: (2)/46; Note: C	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36 Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
30864-28-9	Methyl 3-[(dimethoxyphosphinothioyl)oxy]-methacrylate(Note: see also CAS No 62610-77-9)	Xn; R22 R43 N; R50-53 R10 Xn; R20 Xi; R37 R66	Xn; N R: 22 - 43 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
30899-19-5	Pentanol isomers, with the exception of those specified elsewhere in HSIS [Amyl alcohol]			Conc>=25%; Xn; R20; R37 >=20%Conc<25%; Xi; R37	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
31107-36-5	1,3-Diazetidin-2-one, 1,3-bis[4-[(4-isocyanatophenyl)methyl]phenyl]-4-[[4-[(4-isocyanatophenyl)methyl]phenyl]imino]-	Carc. Cat. 3; R40 T; R23-R48/23 Xi; R36/37/38 R42/43	T R: 23-36/37/38-40-42/43-48/23	Conc>=25%; T; R40; R23; R48/23; R36/37/38; R42/43 >=20% Conc<25%; T; R40; R48/23; R20; R36/37/38; R42/43 >=10% Conc<20%; T; R40; R48/23; R20; R42/43 >=3% Conc<10%; Xn; R40; R20; R48/20; R42/43 >=1% Conc<3%; Xn; R40; R48/20; R42/43	N	-	-	-	-	-	-	-	-
31218-63-4	Propelamphos (ISO) [Trans-isopropyl-3-[[[ethylamino]methoxyfosfinothioyl]oxy]protonate; Isopropyl 3-[[[ethylamino]methoxyfosfinothioyl]oxy]isocrotamat	T; N R: 25-50/53 S: (1/2)-37-45-60-61	T; N R: 25-50/53 S: (1/2)-37-45-60-61	Conc>=25%; T; R25 >=3% Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
31242-93-0	Chlorinated diphenyl oxide				A	Chlorinated diphenyl oxide	0.5	-	-	-	-	-	-
31361-99-6	Sodium 2-anilino-5-(2-nitro-4-(N-phenylsulfamoyl))anilinobenzenesulfonate	Xi; R41 R52-53	Xi; R: 41 - 52/53 S: (2)-26 - 39 - 61	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
31363-92-5	Titanium(4+)-oxalate	Xi; R41	Xi; R: 41 , S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
31394-54-4	Isheptane(Note: see also CAS No. 142-82-5, 108-08 7, 464-06-2, 562-49-2, 565-59-3, 589-34-4, 590-35-2, 591-76-4 & 617-78-7)	F; R11 Xn; R65 Xn; R66 Xn; R38 R67 N; R50-53	F; Xn; N R: 11-38-65-67-50/53 S: (2)-16-29-33-60-61-62 Note: C	Conc>=20%; Xn; R65; R38 >=10% Conc<20%; Xn; R65	Eu	-	-	-	-	-	-	-	-
31506-43-1	3-(Dimethylamino)propylurea	Xi; R41	Xi; R: 41 , S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
31895-22-4	Bis(1,2,3-trithiacyclohexyldimethylammonium)oxalate [Thiocyclam oxalate]	Xn; R21/22 N; R50-53	Xn; N ; R: 21/22 - 50/53, S: (2) - 36/37 - 46 - 60 - 61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
32047-53-3	1-Amino-2-methyl-2-propanethiol hydrochloride	Xn; R22 C; R34 R43 R52-53	C R: 22-34-43-52/53 S: (1/2)-22-26-36/37/39-45-61	Conc>=25%; C; R34; R22; R43 >=10% Conc<25%; C; R34; R43 >=5% Conc<10%; Xi; R36/38; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
32144-25-5	Mixture of 2,2'-bis(tert-pentylperoxy)-p-diisopropylbenzene and 2,2'-bis(tert-pentylperoxy)-m-diisopropylbenzene	E; R2 R: 2-7-53 R53	R: 2-7-53 S: (2)-37-14-36/37/39-61		Eu	-	-	-	-	-	-	-	-
32480-08-3	Mixture of 3,7,11-trimethyl-cis-6,10-dodecadienal and 3,7,11-trimethyl-trans-6,10-dodecadienal	Xi; R38 N; R50-53	Xi; N R: 38-50/53 S: (2)-37-60-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
32534-81-9	Diphenyl ether, pentabromo derivativepentabromodiphenyl ether	Xn; R48/21/22 R64 N; R50-53	Xn; N ; R: 48/21/22 - 64 - 50/53 S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=10%; Xn; R64; R48/21/22 >=1% Conc<10%; Xn; R64	Eu	-	-	-	-	-	-	-	-
32536-52-0	Diphenylether; octabromo derivate	Repr. Cat.2; R61 Repr. Cat.3; R62	R: 61-62 S: 51-45	Conc>=5%; T; R61; R62 >=0.5% Conc<5%; T; R61	Eu	-	-	-	-	-	-	-	-
32612-48-9	Poly(oxy-1,2-ethanediy), alpha-sulfo-omega-(dodecyloxy)-, ammonium salt	Xn; R22 Xi; R36/38	Xn R: 22-36/38	Conc>=25%; Xn; R22; R36/38 >=20% Conc<25%; Xi; R36/38	N	-	-	-	-	-	-	-	-
32750-89-3	Methyl 3-[[[dibutylamino]thioxomethyl]thiol]propanoate	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
32760-80-8	(Cyclopentadienyl)(cumenyl)iron(1+)hexafluorophosphate(1-)	R50-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
32998-95-1	N-tert-Butyl-3-methylpicolinamide	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
33089-61-1	Amtraz (ISO) [N,N-Bis(2,4-xylyliminomethyl)methylamine]	Xn; R22-48/22 R43 N; R50-53	Xn; N R: 22-43-48/22-50/53 S: (2)-22-24-60-36/37-61	Conc>=25%; Xn; R22; R48/22; R43 >=10% Conc<25%; Xn; R48/22; R43 >=1% Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
33610-13-8	tert-Butyl[6S,6R,7R]-3-bromomethyl-5,8-dioxo-7-(2-phenylacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	Xn; R42/43 R52-53	Xn; R: 42/43 - 52/53, S: (2) - 22 - 24 - 37 - 61	Conc>=1%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	
33627-12-2	9,12-Octadecadienoic acid, (Z,Z)-, lead(2+) salt	Xn: R22 N: R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
33693-04-8	Terbumeton (ISO) [2-tert-Butylamino-4-ethylamino-6-methoxy-1,3,5-triazine]	Xn: R22 N: R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
33813-20-6	Eten [5,6-Dihydro-3H-imidazo[2,1-c]-1,2,4-dithiazole-3-thione]	Xn: R22 Xi: R38 N: R51-53	Xn; N R: 22-38-51/53 S: (2-37-61	Conc>=25%; Xn: R22 >=20%Conc<25%; Xi: R38	Eu	-	-	-	-	-	-	-	-
33831-83-3	3,3,4,4-Tetrafluoro-4-iodo-1-butene	Xn: R22 N: R50-53	Xn; N R: 22 - 50/53 S: (2) - 37 - 60 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
34014-18-1	Tebuthiuron (ISO) [1-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea]	Xn: R22 N: R50-53	Xn; N R: 22 - 50/53 S: (2) - 37 - 60 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
34036-80-1	2-Butanone-O,O',O''-(phenylsilyl)dyne]trioxime	Xn: R48/22 R43 R52-53	Xn R: 43-48/22-52/53 S: (2-38/37-61	Conc>=10%; Xn: R48/22; R43 >=1%Conc<10%; Xi: R43	Eu	-	-	-	-	-	-	-	-
	Tetrahydro-4-methylphthalic anhydride(Note: see also CAS No 1694-82-2; 3425-89-6; 5333-84-6; 11070-44-3; 26590-20-5 & 42498-58-80)	Xi: R41 Xn: R42/43	Xn; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn: R42/43; R41 >=5%Conc<10%; Xn: R42/43; R36 >=1%Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
34090-76-1	Isoproturon	Carc. Cat. 3; R40 N: R50-53	Xn; N R: 40-50/53 S: (2-36/37-60-61	Conc>=1%; Xn: R40	Eu	-	-	-	-	-	-	-	-
34123-59-6	[3-(4-Isopropylphenyl)-1,1-dimethylurea]	Xn: R20 Xi: R37/38 R43 N: R50-53	Xn; N; R: 20 - 37/38 - 43 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn: R20; R37/38; R43 >=20%Conc<25%; Xi: R37/38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
34256-82-1	2-Chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide [Acetochlor]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T: R25-48/23/25 Xn: R21		Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
34303-23-6	Docosanoic acid, cadmium salt	T: R23/25 Xn: R21 Xi: R36/37/38 R43		Conc>=25%; T; R23/25; R21; R36/37/38; R43 >=20%Conc<25%; Xn: R20/22; R36/37/38; R43 >=3%Conc<20%; Xn: R20/22; R43 >=1%Conc<3%; Xi: R43	N	-	-	-	-	-	-	-	-
34452-51-2	Acetic acid, mercapto-, monopotassium salt		T R: 21-23/25-36/37/38-43	Conc>=20%; Xn: R20/22; R43 >=1%Conc<3%; Xi: R43	N	-	-	-	-	-	-	-	-
34590-94-8	2-(Methoxymethyl)ethoxy) propanol [Diisopropylene glycol (mono) methyl ether]			(2-Methoxymethyl)ethoxy) propanol	A	-	50	308	-	-	-	Sk	-
34640-92-1	2,2-Diethoxy-N,N-dimethylacetamide	Xi: R36 R: 36	Xi R: 36 S: (2-26	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
		R10 T: R23/24/25 Xi: R36 N: R50-53	T; N; R: 10 - 23/24/25 - 36 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R36 >=20%Conc<25%; Xn: R20/21/22; R36 >=3%Conc<20%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
34681-10-2	Butocarboxim [3-(Methylthio)-2-butanone O-[(methylamino)carbonyl]oxime]	T: R25 Xn: R48/22 Xi: R36 R43 N: R51-53	T; N; R: 25 - 36 - 43 - 48/22 - 51/53 S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; T; R25; R48/22; R36; R43 >=20%Conc<25%; Xn: R22; R48/22; R36; R43 >=10%Conc<20%; Xn: R22; R48/22; R43 >=3%Conc<10%; Xn: R22; R43 >=1%Conc<3%; Xi: R43	Eu	-	-	-	-	-	-	-	-
35000-38-5	tert-Butyl (triphenylphosphoranylidene) acetate		Xi; R: 10 - 36/37, S: (2) - 24; Note: C	Conc>=20%; Xi: R36/37	Eu	-	-	-	-	-	-	-	-
35073-27-9	2-Methylbutyl formate(Note: see also CAS No 110-45- R10 2 & 638-49-3))			Conc>=20%; Xi: R36/37	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
35400-43-2	Sulprofos				A	Sulprofos	-	1	-	-	-	-	-
35541-81-2	Mixture of: cis-1,4-dimethylcyclohexyl dibenzoate and trans-1,4-dimethylcyclohexyl dibenzoate	R 53	R: 53 S: 61	Conc>=25%; Xn: R20/22; R41 >=10% Conc<25%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
35554-44-0	1-[2-(Allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole [mazaali (ISO)]	Xn: R20/22 Xi: R41 N: R50-53	Xn: N R: 20/22 - 41 - 50/53 S: (2) - 26 - 39 - 60 - 61	Conc>=25%; Xn: R20/22; R41 >=10% Conc<25%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
35687-90-2	Tripropylammonium dihydrogenphosphate	Xn: R22	Xn R: 22 S: (2)/22	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
35691-65-7	Methyldibromo glutaronitrile [MDBGN]	Xn: R22 Xi: R41 R43	Xn: R: 22 - 41 - 43, S: 24 - 25 - 26 - 37 - 39	Conc>=25%; Xn: R22; R41; R43 >=10% Conc<25%; Xi: R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	N	-	-	-	-	-	-	-	-
35950-52-8	2-Bromo-1-(2-furyl)-2-nitroethylene	Xn: R22-48/22 C: R34 R43 N: R50-53	C: N R: 22 - 34 - 43 - 48/22 - 50/53 S: (1/2) - 22 - 26 - 36/37/39 - 45 - 60 - 61	Conc>=25%; Xn: R22; R48/22; R43 >=10% Conc<25%; Xn: R48/22; R34; R43 >=5% Conc<10%; Xi: R36/38; R43 >=1% Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
36341-27-2	Benzidine, salt of Benzidine acetate(Note: see also CAS No 531-85-1, 531-86-2 & 21136-70-9)	Carc. Cat. 1; R45 Xn: R22 N: R50-53	T; N: R: 45 - 22 - 50/53, S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=25%; T: R45; R22 >=0,1% Conc<25%; T: R45	Eu	-	-	-	-	-	-	-	-
36362-09-1	2-(Decylthio)ethylammonium chloride	Xn: R48/22 Xi: R38 R41 N: R50-53	Xn: N; R: 38 - 41 - 48/22 - 50/53, S: (2) - 26 - 36/37/39 - 60 - 61	Conc>=20%; Xn: R48/22; R38; R41 >=10% Conc<20%; Xn: R48/22; R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
36394-75-9	(S)-(-)-2-Acetoxypropionylchloride [(1S)-2-Chloro-1-methyl-2-oxoethyl acetate]	Xn: R22 C: R34 R43	C R: 22-34-43 S: (1/2)-23-26-36/37/39-45	Conc>=25%; C: R34; R22 >=10% Conc<25%; C: R34; R43 >=5% Conc<10%; Xi: R36/38; R43 >=1% Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
36614-38-7	S-2-isopropylthioethyl (O,O-dimethyl phosphorodithioate [isothioate (ISO)]	T: R24/25	T; R: 24/25 S: (1/2) - 28 - 36/37 - 45	Conc>=25%; T: R24/25 >=3% Conc<25%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
36669-85-9	Calcium-P ₄ -(1-hydroxyethylene)bis(hydrogenphosphonate)dihydrate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
36734-19-7	Iprodione (ISO) [3-(3,5-Dichlorophenyl)-2,4-dioxo-N-isopropylimidazolidine-1-carboxamide]	Carc. Cat. 3; R40 N: R50-53	Xn: N; R: 40 - 50/53 S: (2)/36/37 - 60 - 61	Conc>=1%; Xn: R40	Eu	-	-	-	-	-	-	-	-
37143-54-7	1-Methoxy-2-propylamine	F: R11 C: R34 Xn: R22 R52-53	F; C R: 11-22-34-52/53 S: (1/2)-9-26-36/37/39-45-61	Conc>=25%; C: R34; R22 >=10% Conc<25%; C: R34 >=5% Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-	-
37199-66-9	Potassium polysulphides	R31 C: R34 N: R50	C; N; R: 31 - 34 - 50, S: (1/2) - 26 - 45 - 61	Conc>=10%; C: R34; R31 >=5% Conc<10%; Xi: R36/38; R31	Eu	-	-	-	-	-	-	-	-
37244-98-7	Perboric acid, sodium salt, tetrahydrate [Sodium peroxoborate hexahydrate](Note: containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 13517-20-9 & 10486-00-7)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xi: R37-41	T R: 61-37-41-62 S: 53-45-47	Conc>=36%; T: R61; R62; R37, R41 >=25% Conc<36%; T: R61; R62; R36/37 >=20% Conc<22%; T: R61; R62; R37 >=14% Conc<20%; T: R61; R62 >=10% Conc<14%; T: R61	Eu	-	-	-	-	-	-	-	-
37244-98-7	Perboric acid, sodium salt, tetrahydrate [Sodium peroxoborate hexahydrate](Note: containing >= 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 micrometres. See also CAS No. 13517-20-9 & 10486-00-7)	Repr. Cat. 2; R61 Repr. Cat. 3; R62 Xi: R37-41	T R: 61-20-37-41-62 S: 53-45-47 Note: E	Conc>=36%; T: R61; R62; R20; R37; R41 >=25% Conc<36%; T: R61; R62; R20; R36/37 >=22% Conc<25%; T: R61; R62; R36/37 >=20% Conc<22%; T: R61; R62; R37 >=14% Conc<20%; T: R61; R62 >=10% Conc<14%; T: R61	Eu	-	-	-	-	-	-	-	-
37288-11-2	Phylase [Phylate phosphate]	Xn: R22	Xn: R: 22	Conc>=25%; Xn: R22	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
37300-23-5	C.I. Pigment Yellow 36 [Zinc yellow; Zinc chromate pigment]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N/Eu; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
37300-23-5	C.I. Pigment Yellow 36 [Zinc yellow; Zinc chromate pigment]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N/Eu; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
37300-23-5	C.I. Pigment Yellow 36 [Zinc yellow; Zinc chromate pigment]	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43 N; R50-53	T R: 45-22-23-43-48/20-50-53	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N/Eu; A	Zinc chromate (as Cr)	-	0.01	-	-	1	-	-
37329-65-0	Cellulohydrolase, exo	Xn; R42	S: (2) - 22 - 24 - 36/37	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
		R43		Xi; N; R: 43 - 51/53									
37441-29-5	benzenedicarbonylchloride	N; R51-53	S: (2)22 - 36/37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
37443-42-8	Methyl tetrahydro-2-furancarboxylate	Xi; R41	S: (2)-26-39	Conc>=10%; Xi; R41	Eu	-	-	-	-	-	-	-	-
		R43		>=5%Conc<10% : Xi; R36									
37866-45-8	2-(O-aminooxy)ethylamine dihydrochloride	R52-53	S: (2)24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
37893-02-0	Flubenzimine [N-(3-Phenyl-4,5-bis(trifluoromethyl)imino)thiazolidin-2-ylidene]aniline]	Xi; R36 N; R50-53	Xi; N; R: 36 - 50/53, S: (2) - 26 - 60 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
37894-46-5	6-(2-Chloroethyl)-6,2-methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane [Etiacelasil]	Repr. Cat. 2; R61 Xn; R22-48/22	T; R: 61 - 22 - 48/22, S: 53 - 45; Note: E	Conc>=25%; T; R61; R22; R48/22 >=10%Conc<25%; T; R61; R48/22 >=0.5%Conc<10%; T; R61	Eu	-	-	-	-	-	-	-	-
37924-13-3	1,1,1-Trifluoro-N-(4-phenylsulphonylo-1-lyl)methanesulphonamide [Perfludone]	Xn; R22 Xi; R36	Xn; R: 22 - 36 , S: (2)	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
38260-54-7	Etirimfos [O-6-Ethoxy-2-ethylpyrimidin-4-yl] O,O-dimethylphosphorothioate]	Xn; R22 N; R50-53	R: 22-50/53 S: (2) -60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
38313-48-3	3'5'-Anhydro thymidine	R52-53	R: 52/53 S: 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
38337-95-0	Acetic acid, mercapto-, strontium salt	T; R23/25 Xn; R21 Xi; R36/37/38 R43	T R: 21-23/25-36/37/38-43	Conc>=25%; T; R23/25; R21; R36/37/38; R43 >=20%Conc<25%; Xn; R20/22; R36/37/38; R43 >=3%Conc<20%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	N	-	-	-	-	-	-	-	-
38411-13-1	Sodium 2-ethylhexanolate	F; R11 C; R34 R52-53	F; C; R: 11 - 34 - 52/53, S: (1)2 - 7 - 26 - 36/37/39 - 45 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
38585-74-9	5-Thiazolylmethanol	Xi; R41 R 52-53	R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
39142-36-4	Thioimiddicarmonic acid ((HO)C(O)NHC(S)(OH)); dibutyl ester	Muta. Cat. 3; R68 T; R48/25 Xn; R22	R: 22-48/25-68 S: 26-37-45-57	Conc>=25%; T; R68; R48/25; R22 >=10%Conc<25%; T; R68; R48/25 >=1%Conc<10%; Xn; R68; R48/22	N	-	-	-	-	-	-	-	-
39148-24-8	Fosetyl-aluminium (ISO) [Aluminium triethyl triphosphonate]	Xi; R41	S: (2)-26-39-46	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu;A	Aluminium, soluble salts (as Al)	-	2	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
39156-41-7	2,4-Diaminoanisole sulphate (Note: see also CAS No. 615-05-4)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 Xn: R22 N: R51-53	T: N R: 45-22-68-51/53 S: 53-45-61	Conc>=25%; T: R45; R68; R22 >=1%Conc<25%; T: R45; R68 >=0.1%Conc<1%; T: R45	Eu	-	-	-	-	-	-	-	-
		T+; R27/28 N: R50-53	T+; N; R: 27/28 - 50/53 , S: (1/2) - 27 - 36/37 - 45 - 60 - 61	Conc>=7%; T+; R27/28 >=1%Conc<7%; T: R24/25 >=0.1%Conc<1%; Xn: R21/22	Eu	-	-	-	-	-	-	-	-
39196-18-4	3,3-Dimethyl-1-(methylthio)butanone-o-(N-methylcarbamoyl)oxime [ThioIanoX]	Xi: R43 This substance has only been assessed against the single endpoint of skin sensitisation. This substance has not been subject to a complete assessment for hazard classification in accordance with the approved criteria	Xi: R43	Conc>=1%; Xi: R43	N	-	-	-	-	-	-	-	-
39236-46-9	Urea, N,N'-methylenebis[N'-(3-(hydroxymethyl)-2,5-dioxo-4-imidazolidinyl)- [imidazolidinyl] urea; Gemall 115]												
39300-45-3	Dinocap (ISO) [(RS)-2,6-Dinitro-4-octylphenyl crotonates and (RS)-2,4-dinitro-6-octylphenyl crotonates in which "octyl" is a mixture of 1-methylheptyl, 1-ethylhexyl and 1-propylpentyl groups]	Repr. Cat. 2; R61 Xn: R20/22-48/22 Xi: R38 R43 N: R50-53	T: N R: 61-20/22-38-43-48-22-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T: R61; R20/22; R48/22; R38; R43 >=20%Conc<25%; T: R61; R48/22; R38; R43 >=10%Conc<20%; T: R61; R48/22; R43 >=1%Conc<10%; T: R61; R43 >=0.5%Conc<1%; T: R61	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 T: R23-R48/23 Xi: R36/37/38 R42/43	T R: 23-36/37/38-40-42/43-48/23	Conc>=25%; T: R40; R23; R48/23; R36/37/38; R42/43 >=20%Conc<25%; T: R40; R48/23; R20; R36/37/38; R42/43 >=10%Conc<20%; T: R40; R48/23; R20; R42/43 >=3%Conc<10%; Xn: R40; R20; R48/20; R42/43 >=1%Conc<3%; Xn: R40; R48/20; R42/43	N	-	-	-	-	-	-	-	-
39310-05-9	Benzene, 1,1'-methylenebis[isocyanato-, homopolymer	T+; R26 T: R25 Xn: R21 N: R50-53 Xi: R41 R43 R52-53	T+; N; R: 21 - 25 - 26 - 50/53 S: (1/2) - 28 - 36/37 - 38 - 45 - 60 - 61	Conc>=25%; T+; R26; R25; R21 >=7%Conc<25%; T+; R26; R22 >=3%Conc<7%; T: R23; R22 >=1%Conc<3%; T: R23 >=0.1%Conc<1%; Xn: R20	Eu	-	-	-	-	-	-	-	-
39515-41-8	alpha-Cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate [Fenprothrin]	Xi: R41 R43 R52-53	Xi: R: 41 - 43 - 52/53 , S: (2) - 24 - 26 - 37/39 - 61	Conc>=10%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
39562-16-8	Ethyl 2-(3-nitrobenzylidene)acetoacetate	Xi: R43 N: R50-53	Xi; N; R: 43 - 50/53 , S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
39562-17-9	Methyl 2-(3-nitrobenzylidene)acetoacetate	Xi: R43 N: R50-53	Xi; N; R: 43 - 50/53 , S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
39562-27-1	Methyl 2-(2-nitrobenzylidene)acetoacetate	Xi: R43 N: R51-53	Xi; N; R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
39807-15-3	Oxadiazyl (ISO) [3-[2,4-Dichloro-5-(2-propynyloxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one; 5-tert-Butyl-3-[2,4-dichloro-5-(prop-2-ynyloxy)phenyl]-1,3,4-oxadiazol-2(3H)-one]	Repr. Cat. 3; R63 Xn: R48/22 N: R50-53	Xn: N R: 48/22-63-50/53 S: (2) -36/37-46-60-61	Conc>=10%; Xn: R63; R48/22 >=5%Conc<10%; Xn: R63	Eu	-	-	-	-	-	-	-	-
		Xi: R38 R43 N: R51-53	Xi; N; R: 38 - 43 - 51/53 , S: (2) - 36/37 - 61	Conc>=20%; Xi: R38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
40188-41-8	3,7-Dimethyloctanenitrile	N: R51-53	N; R: 51/53	Conc>=20%; Xi: R38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-	-
40278-59-9	2,2'-Spirobi(6-hydroxy-4,4,7-trimethylchromane)	N: R51-53	N; R: 51/53 S: 61	Conc>=25%; T+; R22; R26; R34 >=10%Conc<25%; T+; R26; R34 >=7%Conc<10%; T+; R26; R36/37/38 >=5%Conc<7%; T: R23; R36/37/38 S: (1/2) - 26 - 28 - 36/37/39 - 45 >=0.1%Conc<1%; Xn: R20	Eu	-	-	-	-	-	-	-	-
40292-82-8	Neodecanoyl chloride	T+; R26 Xn: R22 C: R34	T+; R: 22 - 26 - 34 S: (1/2) - 26 - 28 - 36/37/39 - 45	Conc>=25%; T+; R22; R26; R34 >=10%Conc<25%; T+; R26; R34 >=7%Conc<10%; T+; R26; R36/37/38 >=5%Conc<7%; T: R23; R36/37/38 S: (1/2) - 26 - 28 - 36/37/39 - 45 >=0.1%Conc<1%; Xn: R20	Eu	-	-	-	-	-	-	-	-
40487-42-1	N-(1-Ethylpropyl)-2,6-dinitro-3,4-xylidine [Pendimethalm (ISO)]	R43 N: R50-53	Xi: N R: 43 - 50/53 S: (2) - 24 - 29 - 37 - 60 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
40649-36-3	4-Propylcyclohexanone	Xi: R38 R52-53 Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R48/22 R43 R52-53	Xi: R: 38 - 52/53 S: (2)/25 - 37 - 61 T R: 45-46-43-48/22-52/53 S: 53-45-61 Note: E	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
40722-80-3	(2-Chloroethyl)(3-hydroxypropyl)ammonium chloride				Eu	-	-	-	-	-	-	-	-
41083-11-8	1-(Tricyclohexylstannyl)-1H-1,2,4-triazole [Azocyclotin]	T+: R26 T: R25 Xi: R37/38-41 N: R50-53	T+ : N ; R: 25 - 26 - 37/38 - 41 - 50/53. S: (1)/2 - 26 - 28 - 36/37/39 - 38 - 45 - 60 - 61 Xn: R: 68	Conc>=25% T+; R26; R25; R37/38; R41 >=20% Conc<25%; T+: R26; R22; R37/38; R41 >=10% Conc<20%; T+: R26; R22; R41 >=7% Conc<10%; T+: R26; R22; R36 >=5% Conc<5%; T: R23; R22; R22 >=3% Conc<3%; T: R23 >=0.1% Conc<1%; Xn: R20	Eu	Tin, organic compounds (as Sh)	-	0.1	-	0.2	-	Sk	-
41107-56-6	5-(2,4-Dioxo-1,2,3,4-tetrahydropyrimidine)-3- fluoro-2- hydroxymethyltetrahydrofuran	Muta. Cat. 3; R68	S: (2)/22 - 36/37	Conc>=1%; Xn: R68	Eu	-	-	-	-	-	-	-	-
41198-08-7	Profenofos (ISO) [O-(4-Bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate]	Xn: R20/21/22 N: R50-53	Xn: N R: 20/21/22-50/53 S: (2-)/36/37-60-61	Conc>=25%; Xn: R20/21/22	Eu	-	-	-	-	-	-	-	-
41340-36-7	2-(7-Ethyl-1H-indol-3-yl)ethanol	Xn: R22-48/22 N: R51-53	Xn: N R: 22-48/22-51/53 S: (2-)/36/37/39-61	Conc>=25%; Xn: R22; R48/22 >=10% Conc<25%; Xn: 48/22	Eu	-	-	-	-	-	-	-	-
41394-05-2	Metamitron [4-Amino-3-methyl-6-phenyl-1,2,4-triazin-5-one]	Xn: R22 N: R50	Xn: N R: 22-50 S: (2-)/61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
41481-66-7	2,2'-Diallyl-4,4'-sulfonoldiphenol	R43 N: R51-53	Xi: N ; R: 43 - 51/53 S: (2)/24 - 37 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
41620-33-1	2[[2-(Acetoxy)-3-(1,1-dimethyl-ethyl)-5-methylphenyl]methyl]-6-(1,1-dimethylethyl)-4-methylphenol	N: R50-53	N : R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
41814-78-2	5-Methyl-1,2,4-triazolo(3,4-b)benzo-1,3-thiazole [Tricyclazole]	Xn: R22	Xn: R: 22 , S: (2)	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
41870-52-4	1-(Chlorophenylmethyl)-2-methylbenzene	Xi: R38 N: R50-53	Xi: N R: 38-50/53 S: (2-)/36/37-60-61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
41959-35-7	1,2,3,4-Tetrahydro-6-nitro-quinoxaline	Xn: R22 N: R51-53	R: 22-51/53 S: (2-)/22-61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
42031-28-7	trans-2-Isopropyl-5-carboxy-1,3-dioxane	Xi: R41 R52-53 R10 N: R50-53	Xi R: 41-52/53 S: (2-)/22-26-39-61 N ; R: 10 - 50/53, S: (2) - 60 - 61	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
42152-47-6	7-Methylocta-1,6-diene				Eu	-	-	-	-	-	-	-	-
42221-52-3	2,3,4,5-Tetrachlorobenzoylchloride	Xn: R22 C: R34 R43	Conc>=25%; C: R34; R22; R43 >=10% Conc<25%; C: R34; R43 >=5% Conc<10%; Xi: R36/38; R43 S: (1)/2 - 26 - 36/37/39 - 45 F ; Xn ; N : R: 11 - 22 - 50/53 , S: (2) - 7 - 22 - 60 - 61		Eu	-	-	-	-	-	-	-	-
42405-40-3	Bis(3,5-di-tert-butylsalicylato-0.1,0,2)zinc	C: R34 R43 R52-53	C ; R: 22 - 34 - 43 S: (1)/2 - 23 - 26 - 36/37/39 - 45 - 61	Conc>=10%; C: R34; R43 >=5% Conc<10%; Xi: R36/38; R43 >=1% Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
42413-03-6	2-Chloro-p-toluenesulfochloride				Eu	-	-	-	-	-	-	-	-
42498-58-8	2,3,5,6-Tetrahydro-2-methylphthalic anhydride (Note: see also CAS No. 1694-82-2; 3425-89-6; 5333-84-6; 11070-44-3; 26590-20-5 & 34090-76-1)	Xi: R41 Xn: R42/43	Xn: R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn: R42/43; R41 >=5% Conc<10%; Xn: R42/43; R36 >=1% Conc<5%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
				Conc>=25%: T+; R26; R24/25; R48/20; R43 >=10%Conc<25%: T+; R26; R21/22; R48/20; R43 >=7%Conc<10%: T+; R26; R21/22; R43 >=3%Conc<7%: T; R23; R21/22; R43 >=1%Conc<3%: T; R23; R43 >=0.1%Conc<1%: Xn; R20									
42509-80-8	Isaszfos [O-(5-Chloro-1-isopropyl-1,2,4-triazol-3-yl) O,O-diethyl phosphorothioate]	T+; R26 T; R24/25 Xn; R48/20 R43 N; R50-53	T+; N; R: 24/25 - 26 - 43 - 48/20 - 50/53, S: (1/2) - 28 - 36/37 - 38 - 45 - 59 - 61		Eu	-	-	-	-	-	-	-	-
42774-15-2	1,3-Benzenedicarboxamide, N1,N3-bis(2,2,6,6-tetramethyl-4-piperidinyl)- [N,N'-Bis(2,2,6,6-tetramethyl-4-piperidyl)isophthalamide]	Xn; R22 Xi; R36 Xi; R36/37/38 R43 N; R51-53	R: 22-36 S: (2)-22-25-26 Xi; N R: 36/37/38-43-51/53 S: (2)-24-37-61	Conc>=25%: Xn; R22; R36 >=20%Conc<25%: Xi; R36	N/Eu	-	-	-	-	-	-	-	-
42978-66-5	(1-Methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate [TPGDA; Tripropylene glycol diacrylate]	Xi; R36/37/38 R43 N; R51-53	Xi; N R: 36/37/38-43-51/53 S: (2)-24-37-61	Conc>=10%: Xi; R36/37/38; R43 >=1%Conc<10%: Xi; R43	Eu	-	-	-	-	-	-	-	-
43028-69-9	2-(Formylamino)-3-thiophenecarboxylic acid [2-Formamido-3-thiophenecarboxylic acid]	Xn; R22 R43	R: 22-43 S: (2)-22-24-37	Conc>=25%: Xn; R22; R43 >=1%Conc<25%: Xi; R43	Eu	-	-	-	-	-	-	-	-
43057-68-7	2-Ethyl-2,3-dihydro-2-methyl-1H-pyrimidine	Xn; R22-48/22 N; R50-53	Xn; N R: 22-48/22-50/53 S: (2)-36/37-60-61	Conc>=25%: Xn; R22; R48/22 >=10%Conc<25%: Xn; R48/22	Eu	-	-	-	-	-	-	-	-
43121-43-3	Triadimefon (ISO) [1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1,2,4-triazol-1-yl)butanone]	Xn; R22 R43 N; R51-53	Xn; N R: 22-43-51/53 S: (2)-24-37-61	Conc>=25%: Xn; R22; R43 >=1%Conc<25%: Xi; R43	Eu	-	-	-	-	-	-	-	-
43136-14-7	3,3'-Diocadecyl-1,1'-methylenebis(4,1-phenylene)lurea	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
43151-99-1	4,4'-Diamino-2-methylazobenzene	T; R25 Xn; R48/22 R43 N; R50-53	T; N R: 25 - 43 - 48/22 - 50/53 S: (1/2) - 22 - 28 - 36/37 - 45 - 60 - 61	Conc>=25%: T; R25; R48/22; R43 >=10%Conc<25%: Xn; 48/22; R22; R43 >=3%Conc<10%: Xn; R22; R43 >=1%Conc<3%: Xn; R43	Eu	-	-	-	-	-	-	-	-
43222-48-6	1,2-Dimethyl-3,5-diphenylpyrazolium methylsulphate [Difenzoquat methylsulphate]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53, S: (2) - 60 - 61 C R: 35 S: (1/2)-26-36/37/39-45	Conc>=25%: Xn; R22 Conc>=10%: C; R35 >=5%Conc<10%: C; R34 >=1%Conc<5%: Xi; R36/38	Eu	-	-	-	-	-	-	-	-
46402-07-3	Sodium 9,10-anthracenedioxide	C; R35	S: (1/2)-26-36/37/39-45	Conc>=25%: Xn; R20/22; R48/22; R41 >=10%Conc<25%: Xn; R48/22; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
47073-92-7	4,4'-Ethylidenediphenyl diisocyanate	Xn; R20/22-48/22 Xi; R41 N; R50-53	Xn; N; R: 20/22 - 41 - 48/22 - 50/53 S: (2)-26 - 36/37/39 - 60 - 61	Conc>=25%: Xn; R20/22; R48/22; R41 >=10%Conc<25%: Xn; R48/22; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
48122-14-1	Hexahydro-1-methylphthalcanthhydride(Note: see also CAS No 19438-60-9; 25550-51-0 & 57110-29-9)	Xi; R41 Xn; R42/43	Xn; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%: Xn; R42/43; R41 >=5%Conc<10%: Xn; R42/43; R36 >=1%Conc<5%: Xn; R42/43	Eu	-	-	-	-	-	-	-	-
49805-30-3	(R,S)-2-Azabicyclo[2.2.1]hept-5-en-3-one	Xn; R22 R43	R: 22-43 S: (2)-22-24-37	Conc>=25%: Xn; R22; R43 >=1%Conc<25%: Xi; R43	Eu	-	-	-	-	-	-	-	-
50471-44-8	Vindoxolin (ISO) [N-3,5-Dichlorophenyl-5-methyl-5-vinyl-1,3-oxazolidine-2,4-dione]	Carc. Cat. 3; R40 Repr. Cat. 2; R60-61 R43 N; R51-53	T; N; R: 60 - 61 - 40 - 43 - 51/53 S: 53 - 45 - 61	Conc>=1%: T; R60; R61; R40; R43 >=0.5%Conc<1%: T; R60; R61	Eu	-	-	-	-	-	-	-	-
50563-36-5	Dimethachlor [2-Chloro-N-(2,6-dimethylphenyl)-N-(2-methoxyethyl)acetamide]	Xn; R22 R43 N; R50-53	Xn; N; R: 22 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%: Xn; R22; R43 >=1%Conc<25%: Xi; R43	Eu	-	-	-	-	-	-	-	-
50594-66-6	5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid [Acifluorfen](Note: see also CAS No 62476-59-9)	Xn; R22 Xi; R38-41 N; R50-53	Xn; N; R: 22 - 38 - 41 - 50/53, S: (2) - 24 - 39 - 60 - 61	Conc>=25%: Xn; R22; R38; R41 >=20%Conc<25%: Xi; R38; R41 >=10%Conc<20%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
50715-28-1	Cyclopentyl chloroformate	R10 T; R23 Xn; R22-48/22 Xi; R41 R43	T; R: 10 - 22 - 23 - 41 - 43 - 48/22 S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%: T; R23; R22; R48/22; R41; R43 >=10%Conc<25%: Xn; R20; R48/22; R41; R43 >=5%Conc<10%: Xn; R20; R36; R43 >=3%Conc<5%: Xn; R20; R43 >=1%Conc<3%: Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		R31 Xi; R36/37/38 N; R50	Xi; N R: 31 - 36/37/38 - 50 S: (2) - 28 - 61	Conc>=20%; Xi; R36/37/38; R31	Eu	-	-	-	-	-	-	-	-
50864-67-0	Barium polysulphides		Xi R: 41 S: (2)-28-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
50905-10-7	(R,S)-2-Butyloctanedioic acid	Xi; R41			Eu	-	-	-	-	-	-	-	-
50922-29-7	Chromium zinc oxide	Carc. Cat. 1; R45 T; R23 Xn; R22-48/20 R43	T R: 45-22-23-43-48/20	Conc>=25%; T; R45; R23; R22; R48/20; R43 >=10%Conc<25%; T; R45; R20; R48/20; R43 >=3%Conc<10%; T; R45; R20; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	N	-	-	-	-	-	-	-	-
51085-52-0	5-Nitro-o-toluidine hydrochloride (Note: see also CAS No. 99-55-8)	Carc. Cat. 3; R40 T; R23/24/25 R52-53	T R: 23/24/25-40-52/53 S: (1/2)-36/37-45-61	Conc>=25%; T; R40; R23/24/25 >=3%Conc<25%; Xn; R40; R20/21/22 >=1%Conc<3%; Xn; R40	Eu	-	-	-	-	-	-	-	-
51178-75-7	1,6-Hexanediammonium, sodium 5-sulfafo-1,3-benzenedicarboxylate	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
51229-78-8	dis-1-(3-Chloroallyl)-3,5,7-triaza-1-azoniadamantane chloride [3,5,7-Triaza-1-azoniatricyclo[3.3.1.1 ^{3,7} decane, 1-(3-chloro-2-propenyl), chloride (Z)-; 1-(3-Chloroallyl)-3,5,7-triaza-1-azoniadamantane chloride, cis-; Dovicil 200]	F; R11 Repr. Cat. 3; R63 Xn; R22 Xi; R38 R43	F; Xn; N R: 11-22-38-43-63-51/53 S: (2)-7-22-33-36/37-61	Conc>=25%; Xn; R63; R22; R38; R43 >=20%Conc<25%; Xn; R63; R38; R43 >=5%Conc<20%; Xn; R63; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
51235-04-2	3-Cyclohexyl-6-dimethylamino-1-methyl-1,2,3,4-tetrahydro-1,3,5-triazine-2,4-dione [Hexazinone]	Xn; R22 Xi; R36 N; R50-53	Xn; N; R: 22 - 36 - 50/53, S: (2) - 60 - 61	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
51285-81-5	Gadolinium(III)sulfite trihydrate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
51337-71-4	Isobutyl 2-(4-(4-chlorophenoxy)phenoxy)propanoate [Clofop isobutyl (ISO)]	Xn; R22	Xn; R: 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
51338-27-3	Methyl 2-(4-(2,4-dichlorophenoxy)phenoxy)propanoate [Methyl (RS)-2-[4-(2,4-dichlorophenoxy)phenoxy]propanoate; Dicllofop methyl (ISO)]	Xn; R22 R43	Xn; N; R: 22 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
51390-14-8	2-(1-Methylpropyl)-4-ter-butylphenol	C; R34 N; R51-53	C; N R: 34-51/53 S: (1/2)-26-36/37/39-45-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
51395-42-7	2-(Diphosphonomethyl) succinic acid	C; R34 R43	C; R: 34 - 43 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=10%; C; R34, R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
51404-69-4	Acetic acid, lead salt, basic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
51580-86-0	Sodium dichloroisocyanurate, dihydrate	Xn; R22. R31. Xi; R36/37 N; R50-53	Xn; N; R: 22 - 31 - 36/37 - 50/53, S: (2) - 8 - 26 - 41 - 60 - 61	Conc>=25%; Xn; R22; R36/37; R31 >=20%Conc<25%; Xi; R36/37; R31	Eu	-	-	-	-	-	-	-	-
51594-55-9	(R)-1-Chloro-2,3-epoxypropane	R10 Carc. Cat. 2; R45 T; R23/24/25 C; R34 R43	T; R: 45 - 10 - 23/24/25 - 34 - 43 S: 53 - 45	Conc>=25%; T; R45; R23/24/25; R34; R43 >=10%Conc<25%; T; R45; R20/21/22; R34; R43 >=5%Conc<10%; T; R45; R20/21/22; R36/38; R43 >=3%Conc<5%; T; R45; R20/21/22; R43 >=1%Conc<3%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
51601-57-1	4-(4-Tolylxy)biphenyl	Xn; R48/22 R53	Xn; R: 48/22 - 53, S: (2) - 26 - 36 - 61	Conc>=10%;Xn; R48/22	Eu	-	-	-	-	-	-	-	-
51602-38-1	Mixture of nitric acid, mixture with sulphuric acid containing ... % HNO3 and sulphuric acid, mixture with nitric acid containing ... % HNO3 [Mixture of nitric acid, mixture with sulfuric acid containing ... % HNO3 and sulfuric acid, mixture with nitric acid containing ... % HNO3]	O; R8 C; R35	O ; C ; R: 8 - 35 , S: (1/2) - 23 - 26 - 30 - 36 - 45 ; Note: B	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
52033-74-6	Phenyldiazirium sulphate (2.1) (Note: see also R43)	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25-48/23/24/25 Xi; R36/38 R43 N; R50	T; N R: 45-23/24/25-36/38-43-48/23/24/25-68-50 S: 53-45-61; Note: E	Conc>=25%; T; R45; R68; R23/24/25; R48/23/24/25; R36/38; R43 >=20%Conc<25% ; T; R45; R68; R48/23/24/25; R20/21/22; R36/38; R43 >=10%Conc<20%; T; R45; R68; R48/23/24/25; R20/21/22; R43 >=3%Conc<10%; T; R45; R68; R20/21/22; R48/20/21/22; R43 >=1%Conc<3%; T; R45; R68; R48/20/21/22; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
52031-18-5	Tris(isopropenyl)phenyl silane	Muta. Cat. 3; R68 Xi; R41 R43 N; R50-53	Xn R: 41-43-68 S: 26-36/37/39-42 Note: H N ; R: 50/53 S: 60 - 61	Conc>=10%; Xn; R68; R41; R43 >=5%Conc<10%; Xn; R68; R36; R43 >=1%Conc<5%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
52234-82-9	Trimethylpropane tr(3-aziridinylpropanoate) [TAZ]	N; R50-53	N ; R: 50/53 S: 60 - 61	Conc>=10%; Xn; R68; R41; R43 >=5%Conc<10%; Xn; R68; R36; R43 >=1%Conc<5%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
52315-07-8	Cypermethrin cis/trans +/- 40/60 (RS)-alpha-cyano-3- phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	Xn; R22 Xi; R37 N; R50-53	Xn; N R: 20/22-37,50/53 S: (2)-24-36/37/39-60-61	Conc>=25%; Xn; R20/22; R37 >=20%Conc<25%; Xi; R37	Eu	-	-	-	-	-	-	-	-
52315-07-8	Cypermethrin cis/trans +/- 80/20 (RS)-alpha-cyano-3- phenoxybenzyl (1RS; 3RS; 1RS, 3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	Xn; R22 Xi; R37/38 R43	Xn; N R: 22-37/38-43-50/53 S: (2)-36/37/39-60-61 N; R50-53	Conc>=25%; Xn; R22; R37/38; R43 >=20%Conc<25%; Xi; R37/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
52315-07-8	zeta-Cypermethrin [Cypermethrin cis/trans +/- 50/50 (RS)-alpha-cyano-3-phenoxybenzyl (1RS; 3RS; 1RS, 3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate]	T; R25 Xi; R38 R52-53	T ; R: 25 Xi ; R: 38 - 52/53, S: (2) - 37 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	V	-	-	-	-	-	-	-	-
52460-86-3	Ethyl-2-chloro-2,2-diphenylacetate	Xi; R38 R52-53	Xi ; R: 38 - 52/53, S: (2) - 37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
52583-35-4	N-[5-(Bis(2-methoxyethyl)amino)-2-(2-cyano-4,6-dinitrophenyl)-azophenyl]acetamide	R53	R: 63 S: 22-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
52645-53-1	m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (40,60 cis:trans isomeric ratio) [Permethrin (40,60 cis:trans isomeric ratio)]	Xn; R22 R43	Xn; R: 22 - 43 , S: (2)	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	V	-	-	-	-	-	-	-	-
52645-53-1	Permethrin (ISO) [m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate]	Xn; R20/22 R43 N; R50-53	Xn; N R: 20/22-43-50/53 S: (2)-13-24-36/37/39-60-61	Conc>=25%; Xn; R20/22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
52658-19-2	Mixture of 7,9,9-trimethyl-3,14-dioxo-4,13-dioxo-5,12-diazahexadecane-1,16-diyl-prop-2-enoate and 7,9,9-trimethyl-3,14-dioxo-4,13-dioxo-5,12-diazahexadecan-1,16-diylprop-2-enoate	Xi; R36 R43 N; R51-53	Xi ; N ; R: 36 - 43 - 51/53 S: (2)26 - 36/37 - 61 Xi; N	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
52687-88-6	1,4,7,10-Tetrakis(p-toluenesulfonyl)-1,4,7,10-tetraazacyclododecane	R43 N; R50-53	R: 43-50/53 S: (2)-24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
52732-72-6	Sulfuric acid, lead salt, tetrabasic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R48/22 R33	T R: 61-33-40-48/22-62-68	Conc>=10%; T; R40; R61; R62; R48/22; R33 >=5%Conc>=10%; T; R40; R61; R62; R68; R33 >=1%Conc>=5%; T; R40; R61; R68; R33 >=0.5%Conc>=1%; T; R61	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
52740-16-6	Arsenic acid, calcium salt (1:1)	Carc. Cat. 1; R45 Muta. Cat. 3; R68 T+; R28 T; R23-48/23/25 C; R34	T+ R: 23-28-34-45-48/23/25-68	Conc>=25%: T+; R45; R68; R28; R23; R48/23/25; R34 >=10%Conc<25%: T+; R45; R68; R28; R48/23/25; R34; R20 >=7%Conc<10%: T+; R45; R68; R28; R20; R48/20/22; R36/38 >=5%Conc<7%: T; R45; R68; R25; R20; R48/20/22; R36/38 >=3%Conc<5%: T; R45; R68; R25; R20; R48/2	N	-	-	-	-	-	-	-	-
52783-21-8	Mixture of 1-(4-isopropylphenyl)-1-phenylethane and 1-(3-isopropylphenyl)-1-phenylethane and 1-(2-isopropylphenyl)-1-phenylethane	Xi; R38 N; R50-53	Xi; N R: 38-50/53 S: (2-37-60-61	Conc>=20%: Xi; R38	Eu	-	-	-	-	-	-	-	-
52870-46-9	N-(1,3-Dimethylbutyl)-N'-(phenyl)-1,4-benzoquinonediimine	Xi; R36 N; R50-53	R: 36-50/53 S: (2-26-60-61	Conc>=20%: Xi; R36	Eu	-	-	-	-	-	-	-	-
52888-80-9	Prosulfocarb [S-Benzyl N,N-dipropylthiocarbamate]	Xn; R22 R43 N; R51-53	Xn; N R: 22-43-51/53 S: (2-24-37-61	Conc>=25%: Xn; R22; R43 >=1%Conc<25%: Xi; R43	Eu	-	-	-	-	-	-	-	-
52894-02-7	Bis(2-ethylhexyl)octylphosphonate	N; R50-53	R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
52918-63-5	Deltamethrin (ISO) [(S)-alpha-Cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate]	T; R23/25 N; R50-53	T; N R: 23/25-50/53 S: (1/2-24-28-36/37/39-38-45-60-61	Conc>=25%: T; R23/25 >=3%Conc<25%: Xn; R20/22	Eu	-	-	-	-	-	-	-	-
53112-28-0	Pyrimethanil (ISO) [N-(4,6-Dimethylpyrimidin-2-yl)aniline]	N; R51-53	R: 51/53 S: 61	Conc>=10%: Xi; R41	Eu	-	-	-	-	-	-	-	-
53250-83-2	2-Chloro-4-(methylsulfonyl)benzoic acid	Xi; R41	Xi; R: 41, S: (2) - 26 - 39	Conc>=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
53404-28-7	3,6-Dichloro-o-anisic acid, compound with 2-aminoethanol (1:1)(Note: see also CAS No 1982-69-0 & 25059-78-3)	R52-53	R: 52/53, S: 61		Eu	-	-	-	-	-	-	-	-
53408-94-9	Tin(II) methanesulphonate	C; R34 Xn; R22 R43 N; R51-53	C; N R: 22-34-43-51/53 S: (1/2-22-26-36/37/39-45-61	Conc>=25%: C; R34; R22 R43 >=10%Conc<25%: C; R34; R43 >=5%Conc<10%: Xi; R36/38; R43 >=1%Conc<5%: Xi; R43	Eu/A	-	0.1	-	0.2	-	-	Sk	-
53469-21-9	Chlorodiphenyl (42% Chlorine) [PCBs (42% Chlorine); PCB-1242]				A	PCBs (42% Chlorine)	-	1	-	2	2	Sk	-
53529-09-2	Chromium lead oxide sulfate		T R: 45-61-23-33-43-48/20-62-68	>=3%Conc<5%: T; R45; R61; R68; R20; R43; R33 >=1%Conc<3%: T; R45; R61; R68; R43; R33 >=0	N	-	-	-	-	-	-	-	-
53641-10-4	N,N'-(2-Chloro-1,4-phenylene)bis(3-oxobutaneamide)	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
53863-99-3	Bis(1,1-dimethyl-2-propynyloxy)dimethylsilane	Xn; R20	Xn; R: 20 S: (2)	Conc>=25%: Xn; R20	Eu	-	-	-	-	-	-	-	-
53933-48-5	Hydroxylamine 4-methylbenzenesulfonate (Note: see also CAS No. 10046-00-1, 20845-01-6 & 19098-16-9)	E; R2 Carc. Cat. 3; R40 Xn; R21/22-48/22 Xi; R36/38 R43 N; R50	E; Xn; N R: 2-21/22-36/38-40-43-48/22-50 S: (2-36/37-61	Conc>=25%: Xn; R40; R21/22; R48/22; R36/38; R43 >=20%Conc<25%: Xn; R40; R48/22; R36/38; R43 >=10%Conc<20%: Xn; R40; R48/22; R43 >=1%Conc<10%: Xn; R40; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
54236-98-5	2,4-Diamino-5-methoxymethylpyrimidine	Xn; R22-48/22 Xi; R41 N; R50-53	Xn R:22 - 36 - 48/22 S: (2)22 - 26 - 36	Conc>=25%; Xn; R22; R48/22; R36 >=20%Conc<25%; Xn; R48/22; R36 >=10%Conc<20%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
54253-62-2	Copper (II) methanesulfonate	Xn; R22 Xi; R41 N; R50-53	Xn; N; R: 22 - 41 - 50/53 , S: (2) - 26 - 36/37/39 - 60 - 61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
54275-93-3	(1S,3S,5R,6R)-(4-Nitrophenylmethyl)-1-dioxo-6-phenylacetamido-pentan-3-carboxylate	R42	Xn; R: 42 S: (2)22	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
54322-20-2	Sodium 4-chloro-1-hydroxybutane-1-sulfonate	Xn; R22 Xi; R36 R43	Xn; R: 22 - 36 - 43 S: (2) - 22 - 26 - 36/37	Conc>=25%; Xn; R22; R36; R43 >=20%Conc<25%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
54417-53-7	(R)-1,2,3,4-Tetrahydro-6,7-dimethoxy-1-veratrylisquinoline hydrochloride	Xn; R22 R52-53	R: 22-52/53 S: (2)-22-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
54527-73-0	2-(n-Benzyl-N-methylamino)ethyl-3-amino-2-butenolate	Xi; R43 N; R51-53	Xi; N; R: 43 - 51/53 S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
54574-82-2	4-(N,N-Dibutylamino)-2-hydroxy-2-carboxybenzophenone	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
54839-24-6	2-Ethoxy-1-methylethyl acetate	R10	R: 10-67		Eu	-	-	-	-	-	-	-	-
54914-85-1	[2PG1EEA](Note: see also CAS No. 1569.02-4)	R67	S: (2)-24		Eu	-	-	-	-	-	-	-	-
54914-85-1	1,2-Bis(3-methylphenoxy)ethane	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
54965-21-8	Albendazole	Repr. Cat. 2; R61	T; R: 61 - 22	Conc >=25%; T; R61; Xn; R22 >=0.5%Conc<25%; T; R61	V	-	-	-	-	-	-	-	-
55066-49-4	3-Methyl-5-phenylpentan-1-al	Xn; R22 Xi; R38 R43 N; R51-53	Xn; N R: 22-38-43-51/53 S: (2)-36/37-61	Conc>=25%; Xn; R22; R38; R43 >=20%Conc<25%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
55285-14-8	Carbosulfan (ISO) [2,3-Dihydro-2,2-dimethyl-7-benzotriyl] [(dibutylamino)thio]methylcarbamate]	T+; R26 T; R25 R43 N; R50-53	T+; N R: 25-26-43-50/53 S: (1/2)-28-36/37-38-45-63-60-61	Conc>=25%; T+; R26; R25; R43 >=7%Conc<25%; T+; R26; R22; R43 >=3%Conc<7%; T; R23; R22; R43 >=1%Conc<3%; T; R23; R43 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
55349-70-7	Mixture of: 2-[N-(2-hydroxyethyl)stearamido]ethyl stearate and sodium bis[2-(stearyl-oxy)ethyl]amino]methylsulfonate and sodium bis[2-hydroxyethyl]amino]methylsulfonate and N,N-bis(2-hydroxyethyl)stearamide	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
55406-53-6	Carbamic acid, butyl-, 3-iodo-2-propynyl ester [Iodocarb]	T; R23 Xn; R22 Xi; R37/38-41 R43	T R: 22-23-37/38-41-43	Conc>=25%; T; R23; R22; R37/38; R41; R43 >=20%Conc<25%; Xn; R20; R37/38; R41; R43 >=10%Conc<20%; Xn; R20; R41; R43 >=5%Conc<10%; Xn; R20; R36; R43 >=3%Conc<5%; Xn; R20; R43 >=1%Conc<3%; Xi; R43	N	-	-	-	-	-	-	-	-
55426-95-4	Diethyl(ethyl(dimethylsilanolato)aluminium	F; R14/15-17 C; R35	F; C; R: 14/15 - 17 - 35, S: (1/2) - 6 - 16 - 30 - 36/39 - 43 - 45	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
55512-33-9	Pyridate (ISO) [O-(6-Chloro-3-phenylpyridazin-4-yl) S-octyl thiocarbonate]	Xi; R38 N; R50-53	Xi; N; R: 38 - 43 - 50/53 S: (2)24 - 37 - 60 - 61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
55612-11-8	1-(2-Deoxy-5-O-trityl-beta-D-threopentofuranosyl)thymine	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
55720-26-8	Aminoethoxymethylglycine	Repr. Cat. 2; R60 Repr. Cat. 3; R63 Xn; R20	T; R: 60 - 20 - 63	Conc >=25%; T; R60; R63; R20 >=5%Conc<25%; T; R60; R63 >=0.5%Conc<5%; T; R60	V	-	-	-	-	-	-	-	-
55810-18-9	Tetranitronaphthalene	E; R2 Xn; R20/21/22 R33	E; Xn; R: 2 - 20/21/22 - 33, S: (2) - 35; Note: C	Conc>=25%; Xn; R20/21/22; R33 >=1%Conc<25%; Xn; R33	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
55845-90-4	(n-Benzyl-N-ethyl)amino-3-hydroxyacetophenone hydrochloride	Xi: R41 N; R51-53	Xi; N; R: 41 - 51/53 , S: (2) - 26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
55965-84-9	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2H-isothiazol-3-one [CAS No. 2682-20-4] (3:1) [Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-4-isothiazolin-3-one [CAS No. 2682-20-4] (3:1)]	T; R23/24/25 C; R34 R43 N; R50-53	T; N R: 23/24/25-34-43-50/53 S: (2)-26-28-36/37/39-45-60-61	Conc>=25%; T; R23/24/25; R34; R43 >=3%Conc<25%; C; R34; R20/21/22; R43 >=0.6%Conc<3%; C; R34; R43 S: (2)-26-28-36/37/39-45-60-61 >=0.06%Conc<0.6%; Xi; R36/38; R43 >=0.0015%Conc<0.06%; Xi; R43	Eu	-	-	-	-	-	-	-	-
56073-07-5	3-(3-Biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin [Difenacum]	T+; R28 T; R48/25 N; R50-53	T+; N; R: 28 - 48/25 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=10%; T+; R28; R48/25 >=7%Conc<10%; T+; R28; R48/22 >=1%Conc<7%; T; R25; R48/22 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-
56073-10-0	4-Hydroxy-3-(3-(4-bromo-4-biphenyl))-1,2,3,4-tetrahydro-1-naphthyl)coumarin [Biodifacuum]	T+; R27/28 T; R48/24/25 N; R50-53	T+; N; R: 27/28 - 48/24/25 - 50/53, S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=10%; T+; R27/28; R48/24/25 >=7%Conc<10%; T+; R27/28; R48/21/22 >=1%Conc<7%; T; R24/25; R48/21/22 >=0.1%Conc<1%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
56187-04-3	4-Methyl-N,N-bis(2-(((4-methylphenyl)sulfonyl)amino)ethyl)benzenesulfonamide	R: 53 S: 61	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
56189-09-4	Lead, bis(octadecanoato)dioxodi-	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-23-40-62/68 Xi R: 43-52/53 S: (2)-24-37-61	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
56309-94-5	4-(1,4-Dioxaspiro[4.5]dec-8-yl)-cyclohexanone	R43 R52-53	R: 43-52/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
56533-00-7	1,1,3,3-Tetrabutyl-1,3-dithiocydicaprylate	Xn; R21/22-48/22 C; R24 N; R50-53	C; N R: 21/22-34-48/22-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; C; R34; R21/22-R48/22 >=10%Conc<25%; C; R34; R48/22 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
56552-15-9	4,4'-(Oxy-(bismethylene))-bis-1,3-dioxolane	Xi; R41	R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
56634-95-8	Bromoxynil heptanoate (ISO) [2,6-Dibromo-4-cyanophenyl heptanoate]	Repr. Cat. 3; R63 Xn; R20/22 R43 N; R50-53	Xn; N R: 20/22-43-63-50/53 S: (2)-36/37-46-60-61	Conc>=25%; Xn; R63; R20/22; R43 >=5%Conc<25%; Xn; R63; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
56973-87-6	1-(3,3-Dimethylcyclohexyl)pent-4-en-1-one	N; R51-53	R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
57018-04-9	Toldofos-methyl (ISO) [O-(2,6-Dichloro-p-tolyl)-O,O-dimethyl thiophosphate]	R43 N; R50-53	Xi; N R: 43-50/53 S: (2)-24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
57018-52-7	1-tert-Butoxypropan-2-ol	R10 Xi; R41	Xi; R: 10 - 41, S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
57044-25-4	R-2,3-Epoxy-1-propanol	E; R2 Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 2; R60 T; R23 Xn; R21/22 C; R34	E; T R: 45 - 60 - 2 - 21/22 - 23 - 34 - 68 S: 53 - 45 Note: E	Conc>=25%; T; R45; R68; R60; R23; R21/22; R34 >=10%Conc<25%; T; R45; R68; R60; R20; R34 >=5%Conc<10%; T; R45; R68; R60; R20; R36/38 >=3%Conc<5%; T; R45; R68; R60; R20 >=1%Conc<3%; T; R45; R68; R60 >=0.5%Conc<1%; T; R45; R60 >=0.1%Conc<0.5%; T; R45	Eu	-	-	-	-	-	-	-	-
57110-29-9	Hexahydro-3-methylphthalcanhydride(Note: see also CAS No 19438-60-9; 25550-51-0 & 48122-14-1)	Xi; R41 Xn; R42/43	Xn; R: 41 - 42/43, S: (2) - 22 - 24 - 26 - 37/39; Note: C	Conc>=10%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
57142-75-6	Lead, [1,2-benzenedicarboxylato(2-)]oxodi-	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
		Xn; R20/22 R33											
		Xi R: 36-43 S: (2)-26-36/37											
57280-22-5	4,4-Dimethyl-3,5,8-trioxabicyclo[5.1.0]octane	Xi; R36 R43	Xn; R: 22 - 52/53, S: (2) - 61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
57369-32-1	Pyroquilon [1,2,5,6-Tetrahydropyrrolo[3,2,1-ij]quinolin-4-one]	Xn; R22 R52-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
57374-49-9	2-Cyclopentene-1-acetic acid, 3-hydroxy-2-pentyl-, methyl ester acetate	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
57646-30-7	Furalaxyl [Methyl N-(2,6-dimethylphenyl)-N-(2-furylcarbonyl)-DL-alaninate]	Xn; R22 R52-53	Xn; R: 22 - 52/53, S: (2) - 36/37/39 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
57837-19-1	Metatolaxyl (ISO) [Methyl-N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-DL-alaninate]	Xn; R22 R43 R52-53	Xn R: 22-43-52/53 S: (2)-13-24-37-46-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
57960-19-7	Acequinocyl (ISO) [3-Dodecyl-1,4-dioxo-1,4-dihydronaphthalen-2-yl acetate]	T; R39/23 Xi; R43 N; R50-53	T; N R: 39/23-43-50/53 S: (2)-24-37-38-60-61	Conc>=10%; T; R39/23; R43; >=1%Conc<10%; Xn; R68/20; R43	Eu	-	-	-	-	-	-	-	-
57966-95-7	2-Cyano-N[(ethylamino)carbonyl]-2-(methoxymino)acetamide [Cymoxanil]	Xn; R22 R43 N; R50-53	Xn; N ; R: 22 - 43 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
57987-55-0	2,4-Diethyl-1,5-pentanediol	Xi; R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
57989-49-2	2-(3-Bromophenoxy)tetrahydro-2H-pyran	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
58089-99-9	Benzenesulfonic acid, 4-dodecyl-, compound with 2-aminoethanol (1:1)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
58405-97-3	Otdadecanoic acid, 12-hydroxy-, lead(2+) salt (2:1)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
58594-72-2	1-[2-(Allyloxy)ethyl-2-(2,4-dichlorophenyl)]-1H-imidazolium hydrogen sulphate [Imazali sulphate (ISO) powder][Note: see also CAS No. 83918-57-4]	Xn; R22 R43 N; R50-53	Xn; N R: 22-43-50/53 S: (2)-24/25-37-46-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
58594-72-2	1-[2-(Allyloxy)ethyl-2-(2,4-dichlorophenyl)]-1H-imidazolium hydrogen sulphate [Imazali sulphate aqueous solution (ISO)][Note: see also CAS No. 83918-57-4]	Xn; R22 C; R34 R43 N; R50-53	C; N R: 22-34-43-50/53 S: (2)-26-36/37/39-45-60-61	Conc>=50%; C; R34; R22; R43 >=30%Conc<50%; Xn; R22; R38; R41; R43 >=25%Conc<30%; Xn; R22; R41; R43 >=15%Conc<25%; Xi; R41; R43 >=5%Conc<15%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
58834-75-6	Vanadyl pyrophosphate	Xi; R36 R43 R52-53	Xi; R: 36 - 43 - 52/53, S: (2) - 24 - 26 - 37 - 61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
58856-63-6	Reaction mass of: dodecanoic acid (35-40%) and poly(1-7)lactate esters of dodecanoic acid (60-65%)	Xi; R38-41 R43 N; R50-53	Xi; N R: 38-41-43-50/53 S: (2)-24-26-37/39-60-61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
58890-25-8	3,3'-Dicyclohexyl-1,1'-methylenebis(4,1-phenylene)diurea	R43	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
59227-88-2	1-Octylazepin-2-one	C; R34 R43 N; R51-53	C; N R: 34-43-51/53 S: (1/2)-26-36/37/39-45-61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
59320-13-7	2-[(4-Chloro-2-nitrophenyl)amino]ethanol	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53 S: (2/22 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
59337-93-8	Methyl 3-sulphanoyl-2-thenoate	Xi; R43	Xi; R: 43 S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
59355-75-8	Methyl acetylene propadiene mixture (MAPP)					Methyl acetylene-propadiene mixture (MAPP)	1000	1640	1250	2050	-	-	-
59493-72-0	1-[3-[4-((heptadecafluorononyloxy)-benzamido]propyl]-N,N-trimethylammonium iodide	Xi; R41 N; R50-53	Xi; N R: 41-50/53 S: (2)-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
59653-74-6	1,3,5-Tis-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	Muta. Cat. 2; R46 T; R23 Xn; R22-48/22 Xi; R41 R43	T; R: 46 - 22 - 23 - 41 - 43 - 48/22 S: 53 - 45; Note: E	>=5%Conc<10%; T; R46; R20; R36; R43 >=3%Conc<5%; T; R46; R20; R43 >=1%Conc<3%; T; R46; R43 >=0.1%Conc<1%; T; R46	Eu	-	-	-	-	-	-	-	-
59669-26-0	Thiodicarb	T; R23/25 Xi; R36	T; R: 23/25 - 36	Conc >=25%; T; R23/25; R36 >=20%Conc<25%; Xn; R20/22; R36 >=3%Conc<20%; Xn; R20/22	V	-	-	-	-	-	-	-	-
60168-88-9	Fenatimol (ISO) [2,4-Dichloro-alpha-(pyrimidin-5-yl)benzhydryl alcohol]	Repr. Cat. 3; R62-63 R64 N; R51-53	Xn; N; R: 51/53 - 62 - 63 - 64 S: (2)36/37 - 61	Conc>=5%; Xn; R62; R63; R64 >=1%Conc<5%; Xn; R64	Eu	-	-	-	-	-	-	-	-
60207-31-0	Azaconazole (ISO) [1-(2-(2,4-Dichlorophenyl)-1,3-dioxolan-2-yl)methyl]-1H-1,2,4-triazole]	Xn; R22	Xn R: 22 S: (2)-46	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
60207-90-1	Propiconazole [(+)-1,1,2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole]	Xn; R22 N; R50-53	Xn; N R: 22-43-50/53 S: (2)-36/37-46-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
60372-77-2	L-Arginine N2-(1-oxododecyl)- ethyl ester hydrochloride (1:1) [Ethyl N2-dodecanoyl-L-argininate hydrochloride]	Xi; R38 R: 38-41-50 N; R50	Xi; N R: 38-41-50 S: (2)-26-39-61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N/Eu	-	-	-	-	-	-	-	-
60568-05-0	N-Cyclohexyl-N-methoxy-2,5-dimethyl-3-furamide [Fumecyclox]	Carc. Cat. 3; R40 N; R50-53	Xn; N; R: 40 - 50/53; S: (2) - 36/37 - 60 - 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
60658-04-0	Ethyl 2-(3-benzoylphenyl)propanoate	T; R25-48/25 R43 N; R51-53	T; N R: 25-43-48/25-51/53 S: (1/2)-36/37-45-61	Conc>=25%; T; R25; R48/25; R43 >=10%Conc<25%; T; R48/25; R22; R43 >=3%Conc<10%; Xn; R22; R48/22; R43 >=1%Conc<3%; Xn; R48/22; R43	Eu	-	-	-	-	-	-	-	-
60811-21-4	4-Bromo-2-chlorofluorobenzene	Xn; R22 Xi; R38 N; R50-53	Xn; N; R: 22 - 38 - 50/53 S: (2)26 - 36/37 - 60 - 61	Conc>=25%; Xn; R22; R38 >=20%Conc<25%; Xi; R38	Eu	-	-	-	-	-	-	-	-
61203-83-6	4-Pentylcyclohexanone	N; R51-53	N; R51/53 S: R61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
61420-92-6	Hydroxydisulfite platinum(II) acid	Xn; R22 Xi; R38 N; R50-53	Xn; N; R: 22 - 38 - 50/53 S: (2)26 - 36/37 - 60 - 61	Conc>=25%; T; R25; R48/25; R43 >=10%Conc<25%; T; R48/25; R22; R43 >=3%Conc<10%; Xn; R22; R48/22; R43 >=1%Conc<3%; Xn; R48/22; R43	Eu	-	-	-	-	-	-	-	-
61432-55-1	S-(1-Methyl-1-phenylethyl) piperidine-1-carboxithioate [1-Piperidinecarbothioic acid, S-(1-methyl-1-phenylethyl) ester]	Xn; R22 N; R51 - 53	Xn; N; R: 22 - 51/53 S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
61551-69-7	2,2'-Azobis[N-(2-hydroxyethyl)-2-methylpropanamide]	R43 R52-53	R: 43-52/53 S: (2)-12-15-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
61571-06-0	Tetrahydrothiopyran-3-carboxaldehyde	Repr.Cat.2; R61 Xi; R41 R 52-53	R: 61-41-52/53 S: 53-45-61	Conc>=10%; T; R61; R41 >=5%Conc<10%; T; R61; R36 >=0.5%Conc<5%; T; R61	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
61597-96-4	2-Methylpropyl (R)-2-hydroxypropanoate	Xi; R36	Xi; R: 36; S: (2) - 26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
61718-80-7	5-Methoxy-4-(trifluoromethyl)valerophenone	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
61721-07-1	4-Fluoro-3-trifluoromethylphenol	Xn; R20 C; R35 R43 N; R51-53	C; N R: 20-35-43-51/53 S: (1/2)-26-28-36/37/39-45; 61	Conc>=25%; C; R35; R20; R43 >=10%Conc<25%; C; R35; R43 >=5%Conc<10%; C; R34; R43 >=1%Conc<5%; Xi; R36/38; R43	Eu	-	-	-	-	-	-	-	-
61788-32-7	Hydrogenated terphenyls			Hydrogenated terphenyls	A		0.5	4.9	-	-	-	-	-
61788-54-3	Fatty acids, tall oil, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 45 S: 53-45 Notes: H ; M T ; R: 45 , S: 53 - 45 ; Notes: H ; M	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
61789-28-4	Creosote oil [Wash Oil](Note: A complex combination of hydrocarbons obtained by the distillation of coal tar. It consists primarily of aromatic hydrocarbons and may contain appreciable quantities of tar acids and tar bases. It distills at the approximate range of 200 °C to 325 °C (392 °F to 617 °F).)	Carc. Cat. 2; R45	T R: 45 S: 53-45 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
61789-60-4	Pitch [Pitch]	Carc. Cat. 2; R45	Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
61790-50-9	Resin acids and rosin acids, potassium salts	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
61790-51-0	Resin acids and rosin acids, sodium salts	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
61807-67-8	(2-(Aminomethyl)phenyl)acetylchloride hydrochloride	Xn; R22 C; R35 R43	C R: 22-35-43 S: (1/2)-26-36/37/39-45	Conc>=25%; C; R35; R22; R43 >=10%Conc<25%; C; R35; R43 >=5%Conc<10%; C; R34; R43 >=1%Conc<5%; Xi; R36/38; R43	Eu	-	-	-	-	-	-	-	-
61826-76-4	(S)-alpha-Hydroxy-3-phenoxy-benzeneacetonitrile	T; R25 Xi; R41 R43 N; R50-53	T; N R: 25-41-43-50/53 S: (1/2)-9-26-36/37/39-45-60-61 61	Conc>=25%; T; R25; R41; R43 >=10%Conc<25%; Xn; R22; R41; R43 >=5%Conc<10%; Xn; R22; R36; R43 >=3%Conc<5%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
61827-42-7	Poly(oxy-1,2-ethanediyl), -alpha-isodecyl-, -omega-hydroxy- (Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
61951-96-0	Neodecanoic acid, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25 Xn ; R: 22 , S: (2)	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
62096-63-3	2-Amino-6-ethoxy-4-methylamino-1,3,5-triazine	Xn; R22	Xn; R: 22 , S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
62229-50-9	Biodip (urogastrone - uro-EGF)	T; R48/25 Xn; R22 R43 N; R51-53	T; R: 48/25	Conc>=10%; T; R48/25 >=1%Conc<10%; Xn; R48/22	V	-	-	-	-	-	-	-
62268-47-7	Bis(2-ethylhexyl)dithiodiacetate	Xn; R22 R43 N; R51-53	Xn; N; R: 22 - 43 - 51/53 , S: (2) - 24/25 - 37 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-
62406-73-9	8,8-Dimethyl-7-isopropyl-6,10-dioxaspiro[4.5]decane	Xi; R38 R52-53	Xi R: 38-52/53 S: (2)-24-37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-
62476-59-9	Sodium 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate [Acifluorfen-sodium](Note: see also CAS No 50594-66-6)	Xn; R22 Xi; R38-41 R50-53	Xn; N; R: 22 - 38 - 41 - 50/53 S: (2) - 24 - 39 - 60 - 61	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
62478-82-4	N,N-Diethyl-N'-N'-dimethylpropan-1,3-diy-diamine	R10 Xn; R20/22-48/20 C; R35 R52-53	C; R: 10 - 20/22 - 35 - 48/20 S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%; C; R35; R20/22; R48/20 >=10%Conc<25%; C; R35; R48/20 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-
62610-77-9	Methyl (E)-3-[[dimethoxyphosphinodithioyl]oxy]methacrylate [Methacrifos (ISO)](Note: see also CAS No 30864-28-9)	Xn; R22 R43 N; R50-53	Xn; R22 - 43 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-
62782-03-0	Bis(2,2,6,6-tetramethyl-4-piperidyl) succinate	Xi; R36 R52-53	Xi; R: 36 - 52/53 , S: (2) - 26 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-
62924-70-3	Flumetralin [N-(2-Chloro-6-fluorobenzy)-N-ethyl-alpha.alpha.alpha-trifluoro-2,6-dinitro-p-toluidine]	Xi; R36/38 R43 N; R50-53	Xi; N; R: 36/38 - 43 - 50/53 S: (2) - 36/37 - 60 - 61	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-
63179-81-7	Zinc, bis[(2S)-2-(hydroxy-kappaO)propanato-kappaO] , (T-4-)	Xn; R22 Xi; R36	Xn R: 22-36	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	N	-	-	-	-	-	-	-
63187-91-7	2-Hydroxyethyl-9-methyl-6-(1-methylethyl)-1,4-dioxaspiro[4.5]decane	Xi; R38-41 R52-53	Xi; R: 38 - 41 - 52/53 , S: (2) - 26 - 37/39 - 61	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
63449-41-2	Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Xn; R21/22 C; R34 N; R50	C; N; R: 21/22 - 34 - 50 , S: (2) - 36/37/39 - 45 - 61	Conc>=25%; C; R34; R21/22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-
63562-33-4	2-(10-Oxo-10H-9-oxa-10-phosphaphenanthren-10-ylmethyl)succinic acid	R43 R52-53	Xi R: 43-52/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
63645-17-0	cis-1-(3-Chloropropyl)-2,6-dimethyl-piperidin hydrochloride	T; R25 Xn; R48/22 R43 R51-53	T; N R: 25-43-48/22-51/53 S: (1/2)-22-36/37-45-61	Conc>=25%; T; R25; R48/22; R43 >=10%Conc<25%; Xn; R22; R48/22; R43 >=3%Conc<10%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-
63681-54-9	Chrysoline-p-dodecylbenzenesulfonate [Dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1)](Note: see also CAS No. 532-82-1, 75660-25-2, 79234-33-6, 83968-67-6 & 84196-22-5)	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-68-50/53 S: (2)-23-26-36/37/39-46-60-61	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-
63740-41-0	6-(2,3-Dimethylmaleimido)hexyl methacrylate	R43 N; R51-53	Xi; N; R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
63767-86-2	Mixture of diastereoisomers of 1-(1-hydroxyethyl)-4-(1-methylethyl)cyclohexane	Xi; R36/38 N; R51-53	Xi; N; R: 36/38 - 51/53 S: (2)26 - 37 - 61	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-
63919-26-6	Dinotol [Mixture of isomers of methyl 2-ocyl-4,6-dinitrophenyl carbonate and methyl 4-ocyl-2,6-dinitrophenyl carbonate]	Xn; R22 N; R50-53	Xn; N R: 22 - 50/53 S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
63967-06-6	2,5-Bis(1,1-dimethylbutyl)hydroquinone	N; R51-53	N; R:51/53, S: 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
64026-19-3	N-Decyl-4-nitrobenzamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
64137-52-6	2-[3-(Methylamino)propyl]-1H-benzimidazole	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64425-86-1	Alcohols, C13-15, ethoxylated (Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2. The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn: R22 Xi: R38-41	Xn R: 22-38-41	Conc>=25%; Xn: R22; R38; R41 >=20%Conc<25%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	N	-	-	-	-	-	-	-	-
64485-90-1	(Z)-2-Methoxyimino-2-[2-(tritylamino)thiazol-4-yl]acetic acid	E; R2 R: 2-40-52/53 S: (2-23-25-35-36/37-61 R52-53	E; Xn R: 2-40-52/53 S: (2-23-25-35-36/37-61	Conc>=1%; Xn: R40	Eu	-	-	-	-	-	-	-	-
64504-12-7	Isocotanoic acid, lead salt	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
64700-56-7	Triclopyr	Xn: R22	Xn; R: R: 22	Conc>=25%; Xn: R22	V	-	-	-	-	-	-	-	-
64741-41-9	Naphtha (petroleum), heavy straight-run [Low boiling point naphtha](Note: A complex combination of hydrocarbons produced by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C12 and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-42-0	Naphtha (petroleum), full-range straight-run [Low boiling point naphtha](Note: A complex combination of hydrocarbons produced by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately -20 °C to 220 °C (-4 °F to 428 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-45-3	Residues (petroleum), atm. tower [Heavy fuel oil]	Carc. Cat. 2; R45	Carc. Cat. 2; R45	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-46-4	Naphtha (petroleum), light straight-run [Low boiling point naphtha](Note: A complex combination of hydrocarbons produced by distillation of crude oil. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C4 through C10 and boiling in the range of approximately -20 °C to 180 °C (-4 °F to 356 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-47-5	Natural gas condensates (petroleum) [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons separated as a liquid from natural gas in a surface separator by retrograde condensation. It consists mainly of hydrocarbons having carbon numbers predominantly in the range of C2 to C20. It is a liquid at atmospheric temperature and pressure.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64741-48-6	Natural gas (petroleum), raw liq. mix [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons separated as a liquid from natural gas in a gas recycling plant by processes such as refrigeration or absorption. It consists mainly of saturated aliphatic hydrocarbons having carbon numbers in the range of C2 through C8.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-50-0	Distillates, petroleum, light paraffinic [Unrefined or mildly refined baseoil (A complex combination of the hydrocarbons produced by vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers Xi; R38 predominantly in the range of C15 thro)]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64741-51-1	Distillates, petroleum, heavy paraffinic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64741-52-2	Distillates, petroleum, light naphthenic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64741-53-3	Distillates, petroleum, heavy naphthenic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64741-54-4	Naphtha (petroleum), heavy catalytic cracked [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons produced by a distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C12 and boiling in the range of approximately 65 °C to 230 °C (148 °F to 446 °F). It contains a relatively large proportion of unsaturated hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-55-5	Naphtha (petroleum), light catalytic cracked [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately -20 °C to 190 °C (-4 °F to 374 °F). It contains a relatively large proportion of unsaturated hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-57-7	Gas oils (petroleum), heavy vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-59-9	Distillates (petroleum), light catalytic cracked [Cracked gasoil]	Carc. Cat. 2; R45	T; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-60-2	Distillates (petroleum), intermediate catalytic cracked [Cracked gasoil]	Carc. Cat. 2; R45	T; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-61-3	Distillates (petroleum), heavy catalytic cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64741-62-4	Clarified dis (petroleum), catalytic cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T : R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-63-5	Naphtha (petroleum), light catalytic reformed [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons produced from the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C5 through C11 and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-64-6	Naphtha (petroleum), full-range alkylate [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3 through C5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 220 °C (194 °F to 428 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-65-7	Naphtha (petroleum), heavy alkylate [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3 to C5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 150 °C to 220 °C (302 °F to 428 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-66-8	Naphtha (petroleum), light alkylate [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3 through C5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C7 through C10 and boiling in the range of approximately 90 °C to 160 °C (194 °F to 320 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-67-9	Residues (petroleum), catalytic reformer fractionator [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-68-0	Naphtha (petroleum), heavy catalytic reformed [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons produced from the distillation of products from a catalytic reforming process. It consists of predominantly aromatic hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64741-69-1	Naphtha (petroleum), light hydrocracked [Low boiling naphtha — unspecified](Note: A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C4 through C10, and boiling in the range of approximately -20 °C to 180 °C (-4 °F to 356 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu		-	-	-	-		-	-
64741-70-4	Naphtha (petroleum), isomerization [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained from catalytic isomerization of straight chain paraffinic C4 through C6 hydrocarbons. It consists predominantly of saturated hydrocarbons such as isobutane, isopentane, 2,2-dimethylbutane, 2-methylpentane, and 3-methylpentane.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu		-	-	-	-		-	-
64741-73-7	Distillates (petroleum), alkylate [Kerosine - unspecified]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu		-	-	-	-		-	-
64741-74-8	Naphtha (petroleum), light thermal cracked [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons from distillation of products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C4 through C8 and boiling in the range of approximately -10 °C to 130 °C (14 °F to 266 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu		-	-	-	-		-	-
64741-75-9	Residues (petroleum), hydrocracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu		-	-	-	-		-	-
64741-76-0	Distillates (petroleum), heavy hydrocracked [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , Notes: H ; L	Conc>=0.1%; T; R45	Eu		-	-	-	-		-	-
64741-77-1	Distillates (petroleum), light hydrocracked [Cracked gasoil]	Carc. Cat. 3; R40	Xn ; R: 40 , S: (2) - 36/37 ; Note: H	Conc>=1%; Xn; R40	Eu		-	-	-	-		-	-
64741-78-2	Naphtha (petroleum), heavy hydrocracked [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C6 through C12, and boiling in the range of approximately 65 °C to 230 °C (148 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu		-	-	-	-		-	-
64741-80-6	Residues (petroleum), thermal cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu		-	-	-	-		-	-
64741-81-7	Distillates (petroleum), heavy thermal cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu		-	-	-	-		-	-
64741-82-8	Distillates (petroleum), light thermal cracked [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu		-	-	-	-		-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64741-83-9	Naphtha (petroleum), heavy thermal cracked [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons from distillation of the products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C6 through C12 and boiling in the range of approximately 65 °C to 220 °C (148 °F to 428 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-84-0	Naphtha (petroleum), solvent-refined light [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C5 through C11 and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-86-2	Distillates (petroleum), sweetened middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-87-3	Naphtha (petroleum), sweetened [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C12 and boiling in the range of approximately -10 °C to 230 °C (14 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-88-4	Distillates (petroleum), solvent refined heavy paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-89-5	Distillates (petroleum), solvent refined light paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-90-8	Gas oils (petroleum), solvent refined [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-91-9	Distillates (petroleum), solvent refined middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-92-0	Naphtha (petroleum), solvent-refined heavy [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64741-95-3	Residual oils (petroleum), solvent deasphalted [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-96-4	Distillates (petroleum), solvent refined heavy naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64741-97-5	Distillates (petroleum), solvent refined light naphthenic	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64741-98-6	Extracts (petroleum), heavy naphtha solvent [Kerosine unspecified]	Xn; R65	Xn; R: 65, S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
64742-01-4	Residual oils (petroleum), solvent refined [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-03-6	Extracts (petroleum), light naphthenic distillate solvent	Carc. Cat. 2; R45	T R: 45 S: 53-45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	Carc. Cat. 2; R45	T R: 45 S: 53-45	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent	Carc. Cat. 2; R45	T R: 45 S: 53-45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-11-6	Extracts (petroleum), heavy naphtha solvent, clay treated [Low boiling point napha unspecified]	Carc. Cat. 2; R45	T R: 45 S: 53-45; Note: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-12-7	Gas oils (petroleum), acid treated [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-13-8	Distillates (petroleum), acid treated middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-14-9	Distillates (petroleum), acid treated light [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-15-0	Naphtha (petroleum), acid-treated [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).)	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-46-65 S: 53-45 Notes H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-18-3	Distillates, petroleum, acid treated heavy naphthenic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-19-4	Distillates, petroleum, acid treated light naphthenic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-20-7	Distillates, petroleum, acid treated heavy paraffinic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-21-8	Distillates, petroleum, acid treated light paraffinic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn; R20 Xi; R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-22-9	Naphtha (petroleum), chemically neutralized heavy [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C12 and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64742-23-0	Naphtha (petroleum), chemically neutralized light [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately -20 °C to 190 °C (-4 °F to 374 °F).)	Carc. Cat. 2; R45 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-27-4	Distillates (petroleum), chemically neutralized heavy paraffinic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-28-5	Distillates (petroleum), chemically neutralized light paraffinic [Unrefined or mildly refined baseoil]	Carc. Cat. 1 R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-28-5	Distillates, petroleum, chemically neutralized light paraffinic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn: R20 Xi: R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-29-6	Gas oils (petroleum), chemically neutralized [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-30-9	Distillates (petroleum), chemically neutralized middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-31-0	Distillates (petroleum), chemically neutralized light [Kerosine unspecified]	Xn: R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn: R65	Eu	-	-	-	-	-	-	-	-
64742-34-3	Distillates, petroleum, chemically neutralized heavy naphthenic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn: R20 Xi: R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-35-4	Distillates, petroleum, chemically neutralized light naphthenic [Unrefined or mildly refined baseoil]	Carc. Cat. 1; R45 Repr. Cat. 3; R63 Xn: R20 Xi: R38	T R: 45-20-38-63	Conc>=25%; T; R45; R63; R20; R38 >=20%Conc<25%; T; R45; R63; R38 >=5%Conc<20%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
64742-36-5	Distillates (petroleum), clay treated paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-37-6	Distillates (petroleum), clay treated light paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-38-7	Distillates (petroleum), clay treated middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-41-2	Residual oils (petroleum), clay treated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-44-5	Distillates (petroleum), clay treated heavy naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-45-6	Distillates (petroleum), clay treated light naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-46-7	Distillates (petroleum), hydrotreated middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-47-8	Distillates (petroleum), hydrotreated light [Kerosine unspecified]	Xn: R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn: R65	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64742-48-9	Naphtha (petroleum), hydrotreated heavy [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-49-0	Naphtha (petroleum), hydrotreated light [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20 °C to 190 °C (-4 °F to 374 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-56-9	Distillates (petroleum), solvent dewaxed light paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-57-0	Residual oils (petroleum), hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-58-2	Gas oils (petroleum), hydrotreated vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-61-6	Slack wax (petroleum) [Slack wax]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-62-7	Residual oils (petroleum), solvent dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-63-8	Distillates (petroleum), solvent dewaxed heavy naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-64-9	Distillates (petroleum), solvent dewaxed light naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-65-0	Distillates (petroleum), solvent dewaxed heavy paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-66-1	Naphtha (petroleum), catalytic dewaxed [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from the catalytic dewaxing of a petroleum fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 through C12 and boiling in the range of approximately 35 °C to 230 °C (95 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64742-67-2	Foots oil (petroleum) [Foots oil]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-68-3	Naphthenic oils (petroleum), catalytic dewaxed heavy [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-68-4	Naphthenic oils (petroleum), catalytic dewaxed light [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-71-8	Paraffin oils (petroleum), catalytic dewaxed light [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-73-0	Naphtha (petroleum), hydrodesulfurized light [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately -20 °C to 190 °C (-4 °F to 374 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-75-2	Naphthenic oils (petroleum), complex dewaxed heavy [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-76-3	Naphthenic oils (petroleum), complex dewaxed light [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-78-5	Residues (petroleum), hydrodesulfurized atmospheric tower [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-79-6	Gas oils (petroleum), hydrodesulfurized [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-80-9	Distillates (petroleum), hydrodesulfurized middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R : 45 , S : 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-81-0	Kerosine (petroleum), hydrodesulfurized [Kerosine unspecified]	Xn; R65	Xn; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-83-2	Naphtha (petroleum), light steam-cracked [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by the distillation of the products from a steam cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20 °C to 190 °C (-4 °F to 374 °F). This stream is likely to contain 10 vol. % or more benzene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
64742-86-5	Gas oils (petroleum), hydrosulfurized heavy vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-88-7	Solvent naphtha (petroleum), medium aliph. [Straight run kerosene]	Xn; R65	Xn; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
64742-89-8	Solvent naphtha (petroleum), light aliph. [Low boiling point naphtha](Note: A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C5 through C10 and boiling in the range of approximately 35 °C to 160 °C (95 °F to 320 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-90-1	Residues (petroleum), steam cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64742-91-2	Distillates (petroleum), steam cracked [Cracked kerosene]	Xn; R65	Xn; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
64742-94-5	Solvent naphtha (petroleum), heavy arom. [Kerosene unspecified]	Xn; R65	Xn; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
64742-95-6	Solvent naphtha (petroleum), light arom. [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
64742-96-7	Solvent naphtha (petroleum), heavy aliph. [Straight run kerosene]	Xn; R65	Xn; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
64743-01-7	Petrolatum (petroleum), oxidized [Petrolatum]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
64784-81-2	Poly(oxy-1,4-butanediyl), alpha-hydro-omega-hydroxy, polymer with alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 1,1'-methylenebis[4-isocyanatobenzene]	Xn; R42	Xn R: 42	Conc>=1%; Xn; R42	N; A	Isocyanates, all (as-NCO)	-	0.02	-	0.07	-	Sen	-
64902-72-3	Chlorsulfuron [2-Chloro-N-[[[4-methoxy-6-methyl-1,3,5-triazin-2-ylamino] carbonyl]benzenesulphonamide]	N; R50-53	N ; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
64969-34-2	3,3'-Dichlorobenzidine sulfate (1:2) salt of [[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-, sulfate (1:2); 3,3'-Dichlorobiphenyl-4,4'-ylenediamine sulfate (1:2) salt of](Note: see also CAS No 612-83-9 & 74332-73-3)	Carc. Cat. 2; R45 Xn; R21 R43	T ; N ; R: 45 - 21 - 43 - 50/53 S: 53 - 45 - 60 - 61 ; Notes: A; E	Conc>=25%; T; R45; R21; R43 >=1%Conc<25%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
64969-36-4	4,4'-bi-o-Toluidine, salts of [3,3'-Dimethyl[1,1'-biphenyl]-4,4'-dilyldiammonium bis(hydrogen sulphate); o-Tolidine, salts of](Note: see also CAS No 612-82-8 & 74753-18-7)	Carc. Cat. 2; R45 Xn; R22 N; R51-53	T ; N ; R: 45 - 22 - 51/53 S: 53 - 45 - 61 ; Notes: A ; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu	-	-	-	-	-	-	-	-
65181-78-4	N,N'-Diphenyl-N,N'-bis(3-methylphenyl)-(1,1'-diphenyl)-4,4'-diamine	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
65195-55-3	Avermectin B1a (purity =80%)(Note: see also CAS No 71751-41-2)	Repr. Cat. 3; R63 T+: R26/28 T: R48/23/25 N: R50-53	T+: N R: 63-26/28-48/23/25-50/53 S: 28-36/37-45-60-61	Conc>=10%; T+: R63; R26/28; R48/23/25 >=7%Conc<10%; T+: R63; R26/28; R48/23; R48/22 >=5%Conc<7%; T: R63; R23/25; R48/23; R48/22 >=1%Conc<5%; T: R23/25; R48/20/22 R: 63-26/28-48/23/25-50/53 S: 28-36/37-45-60-61	Eu	-	-	-	-	-	-	-	-
		Xn: R22 Xi: R41	Xn: R: 22 - 41 S: (2)26 - 39 - (46 -)	Conc>=25%; Xn: R22; R41 >=10%Conc<25%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
		Xn: R22 Xi: R41 R43 N: R51-53	Xn: N: R: 22 - 41 - 43 - 51/53; S: (2) - 24 - 26 - 37/39 - 61	Conc>=25%; Xn: R22; R41; R43 >=10%Conc<25%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
65277-42-1	Ketoconazole [1-(4-[4-[(2SR,4RS)-2-(2,4-Dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl)piperazin-1-yl]ethanone]	Repr. Cat. 2; R60 T: R25 Xn: R48/22 N: R50-53	T: N R: 60-25-48/22-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T: R60; R25; R48/22 >=10%Conc<25%; T: R60; R22; R48/22 >=3%Conc<10%; T: R60; R22 >=0.5%Conc<3%; T: R60	Eu	-	-	-	-	-	-	-	-
		1,3-Benzenediamine, 4-methyl-, sulfate (1:1) [4-Methyl-m-phenylenediamine sulfate; Toluene-2,4-diammonium sulphate]	Xn: R21-48/22 Xi: R36 R43 N: R51-53	T: N R: 45-21-25-36-43-48/22-62-68-51-53 >=1%Conc<3%; T: R4	N/Eu	-	-	-	-	-	-	-	-
65322-65-8	1-(1-Naphthylmethyl)quinolinium chloride	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn: R22 Xi: R38-41 R 52-53	Xn R: 22-38-40-41-52/53-68 S: (2)22-26-36/37/39-61	Conc>=25%; T: R45; R62; R68; R25; R21; R48/22; R36; R43 >=20%Conc<25%; T: R45; R62; R68; R22; R48/22; R36; R43 >=10%Conc<20%; T: R45; R62; R68; R22; R48/22; R43 >=5%Conc<10%; T: R45; R62; R68; R22; R43 R: 45-21-25-36-43-48/22-62-68-51-53 >=3%Conc<5%; T: R45; R68; R22; R43 >=1%Conc<3%; T: R4	Eu	-	-	-	-	-	-	-	-
		T: R24/25-48/25 C: R34 R52-53	T R: 24/25-34-48/25-52/53 S: (1)2-23-26-36/37/39-45-61	Conc>=25%; T: R24/25; R48/25; R34 >=10%Conc<25%; T: R48/25; R34; R21/22 >=5%Conc<10%; Xn: R21/22; R48/22; R36/38 >=3%Conc<5%; Xn: R21/22; R48/22 >=1%Conc<3%; Xn: R48/22	Eu	-	-	-	-	-	-	-	-
65753-47-1	2-Chloro-3-trifluoromethylpyridine	Muta. Cat. 3; R68	Xn: R: 68 S: (2)36/37	Conc>=1%; Xn: R68	Eu	-	-	-	-	-	-	-	-
65756-41-4	1-Ethyl-1-methylmorpholinium bromide	Xn: R22 R52-53	Xn R: 22-52/53 S: (2)22-61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
65797-42-4	N-(2',6'-Dimethylphenyl)-2-piperidinecarboxamide hydrochloride	Xn: R22	Xn R: 22	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
65855-02-9	1-Benzyl-5-ethoxymimidazolidine-2,4-dione	Xn: R22	Xn S: (2)22	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
65907-30-4	Furathiocarb (ISO) [2,3-Dihydro-2,2-dimethyl-7-benzofuryl 2,4-dimethyl-6-oxa-5-oxo-3-thia-2,4-diazadecanoate]	T+: R26 T: R25 Xn: R48/22 Xi: R36/38 R43 N: R50-53	T+: N R: 25-26-36/38-43-48/22-50/53 S: (1)2-28-36/37-38-45-60-61	Conc>=25%; T+: R26; R25; R48/22; R36/38; R43 >=20%Conc<25%; T+: R26; R22; R48/22; R36/38; R43 >=10%Conc<20%; T+: R26; R22; R48/22; R43 >=7%Conc<10%; T+: R26; R22; R43 >=3%Conc<7%; T: R23; R22; R43 S: (1)2-28-36/37-38-45-60-61 >=1%Conc<3%; T: R23; R43 >=0.1%Conc<1%; Xn: R20	Eu	-	-	-	-	-	-	-	

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
65996-78-3	Light oil (coal), coke-oven [Crude benzole](Note: The volatile organic liquid extracted from the gas evolved in the high temperature (greater than 700 °C (1292 °F)) destructive distillation of coal. Composed primarily of benzene, toluene, and xylenes. May contain other minor hydrocarbon constituents.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-79-4	Solvent naphtha (coal) [Light Oil Extract Residues, high boiling](Note: The distillate from either high temperature coal tar, coke oven light oil, or coal tar oil alkaline extract residue having an approximate distillation range of 130 °C to 210 °C (266 °F to 410 °F). Composed primarily of indene and other polycyclic ring systems containing a single aromatic ring. May contain phenolic compounds and aromatic nitrogen bases.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-82-9	Tar oils, coal [Carbolic Oil](Note: The distillate from high temperature coal tar having an approximate distillation range of 130 °C to 250 °C (266 °F to 410 °F). Composed primarily of naphthalene, alkylnaphthalenes, phenolic compounds, and aromatic nitrogen bases.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-83-0	Extracts, coal tar oil alk. [Alkaline Extract](Note: The extract from coal tar oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-84-1	Tar bases, coal, crude [Crude Tar Bases](Note: The reaction product obtained by neutralizing coal tar base extract oil with an alkaline solution, such as aqueous sodium hydroxide, to obtain the free bases. Composed primarily of such organic bases as acridine, phenanthridine, pyridine, quinoline and their alkyl derivatives.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-85-2	Tar acids, coal, crude [Crude Phenols](Note: The reaction product obtained by neutralizing coal tar oil alkaline extract with an acidic solution, such as aqueous sulfuric acid, or gaseous carbon dioxide, to obtain the free acids. Composed primarily of tar acids such as phenol, cresols, and xylenols.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-86-3	Extract oils (coal), tar base [Acid Extract](Note: The extract from coal tar oil alkaline extract residue produced by an acidic wash such as aqueous sulfuric acid after distillation to remove naphthalene. Composed primarily of the acid salts of various aromatic nitrogen bases including pyridine, quinoline, and their alkyl derivatives.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-87-4	Extract residues (coal), tar oil alk. [Carbolic Oil Extract Residue](Note: The residue obtained from coal tar oil by an alkaline wash such as aqueous sodium hydroxide after the removal of crude coal tar acids. Composed primarily of naphthalenes and aromatic nitrogen bases.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
65996-88-5	Benzol forennings (coal) [Light Oil Redistillate, low boiling](Note: The distillate from coke oven light oil having an approximate distillation range below 100 °C (212 °F). Composed primarily of C4 to C6 aliphatic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
65996-89-6	Tar, coal, high temp.	Carc. Cat. 1; R45	T: R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
65996-90-9	Tar, coal, low-temp.	Carc. Cat. 1; R45	T: R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
65996-91-0	Distillates (coal tar), upper [Heavy anthracene oil]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
65996-92-1	Distillates (coal tar) [Heavy anthracene oil]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
65996-93-2	Coal tar pitch volatiles (as benzene solubles) [Pitch, coal tar, high temp.: Pitch]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu; A	Coal tar pitch volatiles (as benzene solubles)	0.2	-	-	-	1	-	-
65997-05-9	Rosin, polymerized	R43	Xi	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
65997-06-0	Rosin, hydrogenated	R43	Xi	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
66034-17-1	Diphosphoric acid, compd. With piperazine (1:1)	Xi; R36	Xi	Conc>=20%; Xi; R36	N	-	-	-	-	-	-	-	-
66104-23-2	Pergolide mesylate	T+; R28	T+ R: 28	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0.1%Conc<1%; Xn; R22	V	-	-	-	-	-	-	-	-
66161-57-7	3,6,9,12,15,18,21,24,27,30,33,36-Dodecacoactetracontan-1-ol, hydrogen sulfate, sodium salt	Xn; R22 Xi; R36/38	Xn R: 22-36/38	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	N	-	-	-	-	-	-	-	-
66230-04-4	Esfenvalerate (ISO) [(S)-alpha-Cyano-3-phenoxybenzyl-(S)-2-(4-chlorophenyl)-3-methylbutyrate]	T; R23/25 R43 N; R50-53	T; N R: 23/25-43-50/53 S: (1/2-1/24-36/37/39-45-60-61	Conc>=25%; T; R23/25; R43 >=3%Conc<25%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
66441-23-4	Fenoxaprop ethyl [Ethyl 2-[4-[(6-chlorobenzoxazol-2-yl)oxy]phenoxy]propionate]	Xi; R43 N; R50-53	Xi; N; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
66531-87-1	Alcohols, C12-13, ethoxylated (Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xi; R43	Xi; R: 43 S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
66710-66-5	N,N'-Ethylenebis(vinylsulfonylacetamide)	Xi; R41 R43	Xi; R: 41 - 43, S: (2) - 24 - 26 - 37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
66938-41-8	(3-Chlorophenyl)-(4-methoxy-3-nitrophenyl)methanone	Muta. Cat. 3; R68 N; R50-53	Xn; N; R: 68 - 50/53 S: (2/22 - 36/37 - 60 - 61	Conc>=1%; Xn; R68	Eu	-	-	-	-	-	-	-	-
67014-36-2	5-Amino-6-methyl-1,3-dihydrobenzimidazol-2-one	Xn; R22 R43 N; R51-53	Xn; N R: 22-43-51/53 S: (2-24-37-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
67129-08-2	Meiazachlor (ISO) [2-Chloro-N-(2,6-dimethylphenyl)-N-(1H-pyrazol-1-ylmethyl)acetamide]	R43 Carc. Cat. 3; R40 N; R50-53	Xn; N R: 40-43-50/53 S: (2-36-37-60-61	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
67233-85-6	Sodium 5-nitroguaiacolate	Xn; R22 Xi; R36	Xn R: 22-36	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
67297-26-1	Trimethylxylene	E; R2 Xn: R20/21/22 R33	E ; Xn ; R : 2 - 20/21/22 - 33 , S : (2) - 35 ; Note : C	Conc>=25%; Xn: R20/21/22; R33 >=1%Conc<25%; Xn: R33	Eu	-	-	-	-	-	-	-	-
67299-45-0	Benzyl cis-4- ammonium-4'-toluenesulfonato-1- cyclohexanecarboxylate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
67375-30-8	alpha-Cypermethrin (ISO) (Racemate comprising (R)- alpha-cyano-3-phenoxybenzyl (1S,3S)-3-(2,2- dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and (S)-alpha-cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-Xi: R37 dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate] N: R50-53	T: R25 Xn: R48/22 R37 N: R50-53	T: N R: 25-37-48/22-50/53 S: (1/2-36/37/39-45-60-61	Conc>=25%; T: R25; R48/22; R37 >=20%Conc<25%; Xn: R22; R48/22; R37 >=10%Conc<20%; Xn: R22; R48/22 >=3%Conc<10%; Xn: R22	Eu	-	-	-	-	-	-	-	-
67485-29-4	5,5-Dimethyl-perhydro-pyrimidin-2-one alpha-(4- trifluoromethylstyryl)-alpha-(4- trifluoromethylcinnamylidenehydrazone [Hydramethylnont]	T: R48/25 Xn: R22 Xi: R36 N: R50-53	T: N R: 22-36-48/25-50/53 S: (1/2-22-26-36/37-45-60- 61	Conc>=25%; T: R48/25; R22; R36 >=20%Conc<25%; T: R48/25; R36 >=10%Conc<20%; T: R48/25 >=1%Conc<10%; Xn: R48/22	Eu	-	-	-	-	-	-	-	-
67564-91-4	Fenpropimorph [cis-4-[3-(p-tert-Butylphenyl)-2- methylpropyl]-2,6-dimethylmorpholine]	Repr. Cat. 3; R63 Xn: R22 Xi: R38 N: R51-53	Xn: N R: 22-38-63-51/53 S: (2-36/37-46-61	Conc>=25%; Xn: R63; R22; R38 >=20%Conc<25%; Xn: R63; R38 >=5%Conc<20%; Xn: R63	Eu	-	-	-	-	-	-	-	-
67567-23-1	Ethyl 3,3-bis(tert-pentylperoxy)butyrate [Butanoic acid, 3,3-bis[(1,1-dimethylpropyl)loxy; Ethyl] 3,3- bis(1,1-dimethylpropyl)peroxy]butyrate]	E; R3 O: R7 R10 N: R51-53	E; N R: 3-7-10-51/53 S: (2-3/7-14-33-36/37/39-61		Eu	-	-	-	-	-	-	-	-
67669-19-6	2,4-Dichloro-5-hydroxyacetanilide	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
67739-11-1	Mixture of: 2-methyl-1-(6-methylbicyclo[2.2.1]hept-5- en-2-yl)pent-1-en-3-ol and 2-methyl-1-(1- methylbicyclo[2.2.1]hept-5-en-2-yl)-pent-1-en-3-ol and 2-methyl-1-(5-methylbicyclo[2.2.1]hept-5-en-2- yl)pent-1-en-3-ol	Xi: R36	Xi: N R: 36-51/53 S: (2-26-61 N: R51-53	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
67747-09-5	Prochloraz [N-Propyl-N-[2-(2,4,6- trichlorophenoxy)ethyl]-1H-imidazole-1-carboxamide]	Xn: R22 N: R50-53	Xn : N ; R : 22 - 50/53, S : (2) - 60 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
67774-74-7	Benzene, C10-13-alkyl derivatives	N: R50	N ; R : 50 , S: 61		Eu	-	-	-	-	-	-	-	-
67811-06-7	4-Methylphenyl)nesilylene sulfonate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
67887-47-2	4,4',5,5',6',7',7'-Octachloro-(2,2')bisoindolyl-1,1',3,3'- tetraone	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
67891-79-6	Distillates (petroleum), heavy arom. [Low boiling point thermally cracked naphthal](Note: The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This higher boiling fraction consists predominantly of C5-7 aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having carbon number predominantly of C5. This stream may contain benzene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T: R45; R46; R65 >=0,1%Conc<10%; T: R45; R46	Eu	-	-	-	-	-	-	-	-
67891-80-9	Distillates (petroleum), light arom. [Low boiling point thermally cracked naphthal](Note: The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This lower boiling fraction consists predominantly of C5-7 aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having a carbon number predominantly of C5. This stream may contain benzene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T: R45; R46; R65 >=0,1%Conc<10%; T: R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
67914-69-6	Ethyl cis-4-[4-[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-ylmethoxy]phenyl]piperazine-1-carboxylate	Xn; R22-48/22 N; R50-53	Xn; N R: 22-48/22-50/53 S: (2-36-60-61	Conc<=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; 48/22	Eu	-	-	-	-	-	-	-	-
			T: R48/22 Repr. Cat. 2; R61 Repr. Cat. 3; R62 N; R50-53	Conc<=10%; T; R61; R62; R48/22 >=5%Conc<10%; T; R61; R62 >=0.5%Conc<5%; T; R61									
68049-83-2	Azafendin				Eu	-	-	-	-	-	-	-	-
68077-26-9	Mixture of: 7-chloro-1-ethyl-6-fluoro-1,4-dihydro-4-oxo-quinoline-3-carboxylic acid and 5-chloro-1-ethyl-6-fluoro-1,4-dihydro-4-oxo-quinoline-3-carboxylic acid	R 52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
				Conc<=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36									
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivatives sodium salts	Xn; R22 Xi; R38-41	Xn R: 22-38-41		N	-	-	-	-	-	-	-	-
68131-39-5	Alcohols, C12-15, ethoxylated(Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc<=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
			T										
68131-49-7	Aromatic hydrocarbons, C6-10, acid-treated, neutralized [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	R: 45-46-65 S: 53-45 Notes: H ; P	Conc<=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68131-60-2	Fatty acids, C12-18, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33		Conc<=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
			T R: 61-20/22-33-40-62-68										
68131-73-7	Amines, polyethylenepoly [HEPA]	Xn; R21/22 C; R34 R43 N; R50-53	C; N R: 21/22-34-43-50/53 S: (1/2-36/37/39-45-60-61	Conc<=25%; C; R21/22; R34; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
68131-75-9	Gases (petroleum), C3-4 [Petroleum gas](Note: A complex combination of hydrocarbons produced by distillation of products from the cracking of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C4, predominantly of propane and propylene, and boiling in the range of approximately -51 °C to -1 °C (-60 °F to 30 °F.))	F+; T R: 45-46-12 S: 53-45 Notes: H ; K		Conc<=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
				Conc<=25%; T; R23; R34; R43 >=10%Conc<25%; C; R34; R20; R43 >=5%Conc<10%; Xn; R20; R36/38; R43 S: (1/2) - 26 - 36/37/39 - 45 - >=3%Conc<5%; Xn; R20; R43 60 - 61 >=1%Conc<3%; Xi; R43									
68132-19-4	C8-18-Alkylbis(2-hydroxyethyl)ammonium bis(2-ethylhexyl)phosphate	T; R23 C; R34 R43 N; R50-53	T ; N ; R: 23 - 34 - 43 - 50/53, S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61		Eu	-	-	-	-	-	-	-	-
			Xn; N R: 40-51/53 S: (2-36/37-46-61	Conc<=1%; Xn; R40									
68157-60-8	Forchlorfenuron (ISO) [1-(2-Chloro-4-pyridyl)-3-phenylurea]	Carc. Cat. 3; R40 N; R51-53	R: 40-51/53 S: (2-36/37-46-61 T ; R: 45 , S: 53 - 45 ; Notes: H ; M	Conc<=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68187-57-5	Pitch, coal tar petroleum [Pitch residues]	Carc. Cat. 2; R45			Eu	-	-	-	-	-	-	-	-
68188-48-7	Distillates (coal petroleum), condensed ring arom. [Distillates]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; M	Conc<=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68201-55-8	Betaines, coco alkyldimethyl(3-sulfopropyl)	Xi; R38-41	Xi R: 38-41	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
68213-23-0	Alcohols, C12-18, ethoxylated(Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2. The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
68213-26-3	Alkoxylated fatty alkylamine polymer	T; R23 Xn; R22	T ; R: 22 -23	Conc>=25%; T; R23, R22 >=3%Conc<25%; Xn; R20	V	-	-	-	-	-	-	-	-
68239-26-9	Strychnidin-10-one, 2,3-dimethoxy, mono[(R)-1-methylheptyl 1,2-benzenedicarboxylate](Note: see also CAS No 4845-99-2, 5786-97-0 & 68310-42-9)	T+; R26/28 R52-53	T+ ; R: 26/28 - 52/53, S: (1/2) - 13 - 45 - 61	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0,1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
68307-98-2	Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber [Petroleum gas](Note: The complex combination of hydrocarbons from the distillation of the products from catalytic cracked distillates and catalytic cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68307-98-3	Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer [Petroleum gas](Note: A complex combination of hydrocarbons from the fractionation stabilization products from polymerization of naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-00-9	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation stabilization of catalytic reformed naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-01-0	Tail gas (petroleum), cracked distillate hydrotreater stripper [Petroleum gas](Note: A complex combination of hydrocarbons obtained by treating thermal cracked distillates with hydrogen in the presence of a catalyst. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-03-2	Tail gas (petroleum), gas oil catalytic cracking absorber [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the distillation of products from the catalytic cracking of gas oil. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68308-04-3	Tail gas (petroleum), gas recovery plant [Petroleum gas](Note: A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-05-4	Tail gas (petroleum), gas recovery plant deethanizer [Petroleum gas](Note: A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-06-5	Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation of hydrodesulfurized naphtha and distillate hydrocarbon streams and treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-07-6	Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from stripping stabilization of catalytic hydrodesulfurized vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-08-7	Tail gas (petroleum), isomerized naphtha fractionation stabilizer [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation stabilization products from isomerized naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-09-8	Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation stabilization of light straight run naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68308-10-1	Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from catalytic hydrodesulfurization of straight run distillates and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68308-11-2	Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the distillation of the reaction products of propane with propylene. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-
68308-12-3	Tail gas (petroleum), vacuum gas oil hydrosulfurizer, hydrogen sulfide-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from catalytic hydrosulfurization of vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-
68310-42-9	Styehidin-10-one, 2,3-dimethoxy, compd. with (S)-mono(1'-methylheptyl)-1,2-benzenedicarboxylate (1:1)(Note: see also CAS No 4845-99-2, 5786-97-0 & 68239-26-9)	T+; R26/28 R52-53	T+ ; R; 26/28 - 52/53, S: (1/2) - 13 - 45 - 61	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-
68333-22-2	Residues (petroleum), atmospheric [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
68333-23-3	Naphtha (petroleum), heavy coker [Kerosene unspecified]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-
68333-25-5	Distillates (petroleum), hydrosulfurized light catalytic cracked [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
68333-26-6	Clarified oils (petroleum), hydrosulfurised catalytic cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
68333-27-7	Distillates (petroleum), hydrosulfurized intermediate catalytic cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
68333-28-8	Distillates (petroleum), hydrosulfurized heavy catalytic cracked [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
68334-30-5	Fuels, diesel [Automotive diesel fuel; Gasoil unspecified](Note: A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163°C to 357°C (325°F to 675°F))	Carc. Cat. 3; R40	Xn R: 40 S: (2)36/37; Notes: H, N	Conc>=1%; Xn; R40	Eu; P	-	-	-	-	-	-	-
68359-37-5	alpha-Cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane-carboxylate [beta-Cyfluthrin]	T+; R26/28 N; R50-53	T+ ; N ; R: 26/28 - 50/53, S: (1/2) - 36/37/39 - 45 - 60 - 61	Conc>=7%; T+; R26/28 >=1%Conc<7%; T; R23/25 >=0.1%Conc<1%; Xn; R20/22	Eu	-	-	-	-	-	-	-
68391-37-5	Cyfluthrin (ISO) [alpha-Cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate]	T+; R28 T; R23 N; R50-53	T+; N R: 23-28-50/53 S: (1/2)-28-36/37/39-45-60-61	Conc>=25%; T+; R28; R23 >=7%Conc<25%; T+; R28; R20 >=3%Conc<7%; T; R25; R20 >=1%Conc<3%; T; R25 >=0.1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-
68391-11-7	Pyridine, alkyl derivs. [Crude Tar Bases](Note: The complex combination of polyalkylated pyridines derived from coal tar distillation or as high-boiling distillates approximately above 150 °C (302 °F) from the reaction of ammonia with acetaldehyde, formaldehyde or paraformaldehyde.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68409-99-4	Gases (petroleum), catalytic cracked overheads [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of products from the catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C5 and boiling in the range of approximately -48 °C to 32 °C (-54 °F to 90 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68410-05-9	Distillates (petroleum), straight-run light [Low boiling point naphtha](Note: A complex combination of hydrocarbons produced by the distillation of crude oil It consists of hydrocarbons having carbon numbers predominantly in the range of C2 through C7 and boiling in the range of approximately -88 °C to 99 °C (-127 °F to 210 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68410-71-9	Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exis. [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained as the raffinate from the UDEX extraction process on the catalytic reformer stream. It consists of saturated hydrocarbons having carbon numbers predominantly in the range of C6 through C9.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68410-96-8	Distillates (petroleum), hydrotreated middle, intermediate boiling [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by the distillation of products from a middle distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C5 through C10 and boiling in the range of approximately 127 °C to 188 °C (262 °F to 370 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68410-97-9	Distillates (petroleum), light distillate hydrotreating process, low-boiling [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by the distillation of products from the light distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C9 and boiling in the range of approximately 3 °C to 194 °C (37 °F to 362 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68410-98-0	Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by distillation of the products from a heavy naphtha hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C6 and boiling in the range of approximately -49 °C to 68 °C (-57 °F to 155 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46 Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts	Xn; R22 Xi; R38-41	Xn R: 22-38-41		N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68424-76-0	Oils, menhaden, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
		Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending [Low boiling point thermally cracked naphtha](Note: The complex combination of hydrocarbons obtained by the pyrolysis fractionation at 816 °C (1500 °F) of naphtha and raffinate. It consists predominantly of hydrocarbons having a carbon number of C9 and boiling at approximately 204 °C (400 °F).)	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68425-29-6	Raffinates (petroleum), reformer, Lurgi unit-sepd. [Low boiling point modified naphtha](Note: The complex combination of hydrocarbons obtained as a raffinate from a Lurgi separation unit. It consists predominantly of non-aromatic hydrocarbons with various small amounts of aromatic hydrocarbons having carbon numbers predominantly in the range of C6 through C8.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Alcohols, C12-14, ethoxylated(Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn; R22 Xi; R38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
68439-50-9	Benzenesulfonic acid, dodecyl-, reaction products with ethanolamine	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
		F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68475-57-0	Alkanes, C1-2 [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68475-58-1	Alkanes, C2-3 [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68475-59-2	Alkanes, C3-4 [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68475-60-5	Alkanes, C4-5 [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68475-70-7	Aromatic hydrocarbons, C6-8, naphtha-raffinate pyrolyzate-derived [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons obtained by the fractionation pyrolysis at 816 °C (1500 °F) of naphtha and raffinate. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C6 through C8, including benzene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68475-79-6	Distillates (petroleum), catalytic reformed deparntizer [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons from the distillation of products from a catalytic reforming process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C6 and boiling in the range of approximately -49 °C to 63 °C (-57 °F to 145 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68475-80-9	Distillates (petroleum), light steam cracked naphtha [Cracked gasoil]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68476-26-6	Fuel gases [Petroleum gas](Note: A combination of light gases. It consists predominantly of hydrogen and/or low molecular weight hydrocarbons.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-29-9	Fuel gases, crude oil of distillates [Petroleum gas](Note: A complex combination of light gases produced by distillation of crude oil and by catalytic reforming of naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately -217 °C to -12 °C (-423 °F to 10 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K Xn; R: 40; S: (2) - 36/37; Note: H Xn; R: 40; S: (2) - 36/37; Note: H T; R: 45; S: 53 - 45; Note: H T; R: 45; S: 53 - 45; Note: H Xn; R: 40; S: (2) - 36/37; Note: H	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-30-2	Fuel oil No. 2 [Gasoil unspecified]	Carc. Cat. 3; R40	Xn; R: 40; S: (2) - 36/37; Note: H	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
68476-31-3	Fuel oil No. 4 [Gasoil unspecified]	Carc. Cat. 3; R40	Xn; R: 40; S: (2) - 36/37; Note: H	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
68476-32-4	Fuel oil, residues straight run gas oils, high sulfur [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68476-33-5	Fuel oil, residual [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68476-34-6	Fuel, diesel No.2 [Gasoil unspecified]	Carc. Cat. 3; R40	Xn; R: 40; S: (2) - 36/37; Note: H	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
68476-40-4	Hydrocarbons, C3-4 [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-42-6	Hydrocarbons, C4-5 [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-46-0	Hydrocarbons, C3-11, catalytic cracker distillates [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons produced by the distillations of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C11 and boiling in a range approximately up to 204 °C (400 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-47-1	Hydrocarbons, C2-6, C6-8 catalytic reformer [Low boiling point cat-reformed naphtha]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68476-49-3	Hydrocarbons, C2-4, C3-rich [Petroleum gas]			Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-50-6	Hydrocarbons, C>=5, C5-6-rich [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-55-1	Hydrocarbons, C5-rich [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68476-85-7	LPG (liquefied petroleum gas) [Petroleum gases, liquefied Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).)		F+; T R: 45-46-12 S: 53-45 Notes: H ; K			LPG (liquefied petroleum gas)	1000	1800	-	-	-	-	-
68476-86-8	Petroleum gases, liquefied, sweetened [Petroleum gas](Note: A complex combination of hydrocarbons obtained by subjecting liquefied petroleum gas mix to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-23-6	Tar acids, residues, distillates, first-cut [Distillate Phenols](Note: The residue from the distillation in the range of 235 °C to 355 °C (481 °F to 697 °F) of light carboic oil.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-29-2	Distillates (petroleum), catalytic reformer fractionator residue, high boiling [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68477-30-5	Distillates (petroleum), catalytic reformer fractionator residue, intermediate boiling [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68477-31-6	Distillates (petroleum), catalytic reformer fractionator residue, low boiling [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68477-33-8	Gases (petroleum), C3-4, isobutane-rich [Petroleum gas](Note: A complex combination of hydrocarbons from the distillation of saturated and unsaturated hydrocarbons usually ranging in carbon numbers from C3 through C6, predominantly butane and isobutane. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C3 through C4, predominantly isobutane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-34-9	Distillates (petroleum), C3-5, 2-methyl-2-butene-rich [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons from the distillation of hydrocarbons usually ranging in carbon numbers from C3 through C5, predominantly isopentane and 3-methyl-1-butene. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C3 through C5, predominantly 2-methyl-2-butene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68477-35-0	Distillates (petroleum), C3-6, piperylene-rich [Petroleum gas](Note: A complex combination of hydrocarbons from the distillation of saturated and unsaturated aliphatic hydrocarbons usually ranging in the carbon numbers C3 through C6. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C3 through C6, predominantly piperlenes.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-38-3	Distillates (petroleum), cracked steam cracked petroleum distillate [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68477-39-4	Distillates (petroleum), cracked stripped steam cracked petroleum distillates C8-10 fraction [Cracked kerosine]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
68477-40-7	Distillates (petroleum), cracked stripped steam cracked petroleum distillates C10-12 fraction [Cracked kerosine]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
68477-50-9	Distillates (petroleum), polyimd. steam-cracked petroleum distillates, C5-12 fraction [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from the distillation of polymerized steam-cracked petroleum distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 through C12.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-53-2	Distillates (petroleum), steam-cracked, C5-12 fraction [Low boiling point naphtha — unspecified](Note: A complex combination of organic compounds obtained by the distillation of products from a steam cracking process. It consists of unsaturated hydrocarbons having carbon numbers predominantly in the range of C5 through C12.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-54-3	Distillates (petroleum), steam cracked, C8-12 fraction [Cracked kerosine]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
68477-55-4	Distillates (petroleum), steam-cracked, C5-10 fraction, mixed with light steam-cracked petroleum naphtha, C5 fraction [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-61-2	Extracts (petroleum), cold-acid, C4-6 [Low boiling point naphtha — unspecified](Note: A complex combination of organic compounds produced by cold acid unit extraction of saturated and unsaturated aliphatic hydrocarbons usually ranging in carbon numbers from C3 through C6, predominantly pentanes and ampylenes. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers in the range of C4 through C6, predominantly C5.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-65-6	Gases (petroleum), amine system feed [Refinery gas](Note: The feed gas to the amine system for removal of hydrogen sulfide. It consists of hydrogen, Carbon monoxide, carbon dioxide, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5 may also be present.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68477-66-7	Gases (petroleum), benzene unit hydrosulfurizer off [Refinery gas](Note: Off gases produced by the benzene unit. It consists primarily of hydrogen. Carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C6, including benzene, may also be present.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-67-8	Gases (petroleum), benzene unit recycle, hydrogen-rich [Refinery gas](Note: A complex combination of hydrocarbons obtained by recycling the gases of the benzene unit. It consists primarily of hydrogen with various small amounts of carbon monoxide and hydrocarbons having carbon numbers in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-68-9	Gases (petroleum), blend oil, hydrogen-nitrogen-rich [Refinery gas](Note: A complex combination of hydrocarbons obtained by distillation of a blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide, and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-69-0	Gases (petroleum), butane splitter overheads [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the distillation of the butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-70-3	Gases (petroleum), C2-3 [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of products from a catalytic fractionation process. It contains predominantly ethane, ethylene, propane, and propylene.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation of catalytic cracked gas oil hydrocarbon stream and treated to remove hydrogen sulfide and other acidic components. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-72-5	Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-73-6	Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich acid-free [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation of catalytic cracked hydrocarbons and treated to remove acidic impurities. It consists of hydrocarbons having carbon numbers in the range of C2 through C4, predominantly C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68477-74-7	Gases (petroleum), catalytic cracker [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-75-8	Gases (petroleum), catalytic cracker, C1-5-rich [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C1 through C6, predominantly C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-76-9	Gases (petroleum), catalytic reformed naphtha stripper overheads [Refinery gas](Note: A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic polymerized naphtha. It consists of aliphatic hydrocarbons having carbon numbers in the range of C2 through C6, predominantly C2 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-77-0	Gases (petroleum), catalytic reformed, C1-4-rich [Petroleum gas](Note: A complex combination of hydrocarbons produced by distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers in the range of C1 through C6, predominantly C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-79-2	Gases (petroleum), C6-8 catalytic reformer recycle [Refinery gas](Note: A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C6-C8 feed and recycled to conserve hydrogen. It consists primarily of hydrogen. It may also contain various small amounts of carbon monoxide, carbon dioxide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-80-5	Gases (petroleum), C6-8 catalytic reformer [Refinery gas](Note: A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C6-C8 feed and recycled to conserve hydrogen. It consists primarily of hydrogen. It may also contain various small amounts of carbon monoxide, carbon dioxide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-81-6	Gases (petroleum), C6-8 catalytic reformer [Refinery gas](Note: A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C6-C8 feed. It consists of hydrocarbons having carbon numbers in the range of C1 through C5 and hydrogen.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich [Refinery gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-		-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68477-83-8	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed [Petroleum gas](Note: A complex combination of olefinic and paraffinic hydrocarbons having carbon numbers in the range of C3 through C5 which are used as alkylation feed. Ambient temperatures normally exceed the critical temperature of these combinations.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-84-9	Gases (petroleum), C2-return stream [Refinery gas](Note: A complex combination of hydrocarbons obtained by the extraction of hydrogen from a gas stream which consists primarily of hydrogen with small amounts of nitrogen, carbon monoxide, methane, ethane, and ethylene. It contains predominantly hydrocarbons such as methane, ethane, and ethylene with small amounts of hydrogen, nitrogen and carbon monoxide.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-85-0	Gases (petroleum), C4-rich [Petroleum gas](Note: A complex combination of hydrocarbons produced by distillation of products from a catalytic fractionation process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-86-1	Gases (petroleum), deethanizer overheads [Petroleum gas](Note: A complex combination of hydrocarbons produced from distillation of the gas and gasoline fractions from the catalytic cracking process. It contains predominantly ethane and ethylene.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-87-2	Gases (petroleum), deisobutanizer tower overheads [Petroleum gas](Note: A complex combination of hydrocarbons produced by the atmospheric distillation of a butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-89-4	Distillates (petroleum), depentanizer overheads [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from a catalytic cracked gas stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C4 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-90-7	Gases (petroleum), depropanizer dry, propene-rich [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists predominantly of propylene with some ethane and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-91-8	Gases (petroleum), depropanizer overheads [Petroleum gas](Note: A complex combination of hydrocarbons produced by distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68477-95-9	Gases (petroleum), dry sour, gas-concn.-unit-off [Refinery gas](Note: The complex combination of dry gases from a gas concentration unit. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-95-0	Gases (petroleum), gas concn. reabsorber distn. [Refinery gas](Note: A complex combination of hydrocarbons produced by distillation of products from combined gas streams in a gas concentration reabsorber. It consists predominantly of hydrogen, carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide and hydrocarbons having carbon numbers in the range of C1 through C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads [Petroleum gas](Note: A complex combination of hydrocarbons obtained by fractionation of miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C4, predominantly propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-95-2	Gases (petroleum), Girtolol unit feed [Petroleum gas](Note: A complex combination of hydrocarbons that is used as the feed into the Girtolol unit to remove hydrogen sulfide. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-96-3	Gases (petroleum), hydrogen absorber off [Refinery gas](Note: A complex combination obtained by absorbing hydrogen from a hydrogen rich stream. It consists of hydrogen, carbon monoxide, nitrogen, and methane with small amounts of C2 hydrocarbons.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-97-4	Gases (petroleum), hydrogen-rich [Refinery gas](Note: A complex combination separated as a gas from hydrocarbon gases by chilling. It consists primarily of hydrogen with various small amounts of carbon monoxide, nitrogen, methane, and C2 hydrocarbons.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-98-5	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich [Refinery gas](Note: A complex combination obtained from recycled hydrotreated blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68477-99-6	Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68478-00-2	Gases (petroleum), recycle, hydrogen-rich [Refinery gas](Note: A complex combination obtained from recycled reactor gases. It consists primarily of hydrogen with various small amounts of carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers in the range of C1 through C5.)	F+; R12 R: 45-46-12 S: 53-45 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-01-3	Gases (petroleum), reformer make-up, hydrogen-rich [Refinery gas](Note: A complex combination obtained from the reformers. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-02-4	Gases (petroleum), reforming hydrotreater [Refinery gas](Note: A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen, methane, and ethane with various small amounts of hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich [Refinery gas](Note: A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen and methane with various small amounts of carbon monoxide, carbon dioxide, nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-04-6	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich [Refinery gas](Note: A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-05-7	Gases (petroleum), thermal cracking distn. [Refinery gas](Note: A complex combination produced by distillation of products from a thermal cracking process. It consists of hydrogen, hydrogen sulfide, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-12-6	Residues (petroleum), butane splitter bottoms [Low boiling point naphtha — unspecified](Note: A complex residuum from the distillation of butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C4 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-13-7	Residues (petroleum), catalytic reformer fractionator residue distn. [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68478-15-9	Residues (petroleum), C6-8 catalytic reformer [Low boiling point cat-reformed naphtha](Note: A complex residuum from the catalytic reforming of C6-8 feed. It consists of hydrocarbons having carbon numbers predominantly in the range of C2 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68478-16-0	Residual oils (petroleum), deisobutanizer tower [Low boiling point naphtha — unspecified](Note: A complex residuum from the atmospheric distillation of the butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C4 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-17-1	Residues (petroleum), heavy coker gas oil and vacuum gas oil [Heavy fuel oil]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68478-21-7	Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation of catalytic cracked clarified oil and thermal cracked vacuum residue. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-22-8	Tail gas (petroleum), catalytic cracked naphtha stabilization absorber [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-24-0	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation of products from catalytic cracking, catalytic reforming and hydrodesulfurizing processes treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-25-1	Tail gas (petroleum), catalytic cracker refractonation absorber [Refinery gas](Note: A complex combination of hydrocarbons obtained from refractonation of products from a catalytic cracking process. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-26-2	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic reformed naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68478-27-3	Tail gas (petroleum), catalytic reformed naphtha separator [Refinery gas](Note: A complex combination of hydrocarbons obtained from the catalytic reforming of straight run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68478-28-4	Tail gas (petroleum), catalytic reformed naphtha stabilizer [Refinery gas](Note: A complex combination of hydrocarbons obtained from the stabilization of catalytic reformed naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu								
68478-29-5	Tail gas (petroleum), cracked distillate hydrotreater separator [Refinery gas](Note: A complex combination of hydrocarbons obtained by treating cracked distillates with hydrogen in the presence of a catalyst. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu								
68478-30-8	Tail gas (petroleum), hydrosulfurized straight-run naphtha separator [Refinery gas](Note: A complex combination of hydrocarbons obtained from hydrosulfurization of straight-run naphtha. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu								
68478-32-0	Tail gas (petroleum), saturate gas plant mixed stream, C4-rich [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation/stabilization of straight-run naphtha, distillation tail gas and catalytic reformed naphtha stabilizer tail gas. It consists of hydrocarbons having carbon numbers in the range of C3 through C6, predominantly butane and isobutane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu								
68478-33-1	Tail gas (petroleum), saturate gas recovery plant, C1-2-rich [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation of distillate tail gas, straight-run naphtha, catalytic reformed naphtha stabilizer tail gas. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C5, predominantly methane and ethane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu								
68478-34-2	Tail gas (petroleum), vacuum residues thermal cracker [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the thermal cracking of vacuum residues. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu								
68479-98-1	Diethylmethylbenzenediamine (Note: see also CAS No 2095-01-4 & 2095-02-5)	Xn: R21/22 Xn: R48/22 Xi: R36 N: R50-53	Xn: N ; R: 21/22 - 36 - 48/22 - 50/53, S: (2) - 26 - 28 - 36/37/39 - 60 - 61; Note: C	Conc>=25%; Xn: R21/22; R48/22; R36 >=20%Conc<25%; Xn: R48/22; R36 >=10%Conc<20%; Xn: R48/22	Eu								
68512-61-8	Residues (petroleum), heavy coker and light vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu								
68512-62-9	Residues (petroleum), light vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68512-78-7	Solvent naphtha (petroleum), light arom. hydrotreated [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillate [Petroleum gas](Note: A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-02-0	Naphtha (petroleum), full-range coker [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons produced by the distillation of products from a fluid coker. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C4 through C15 and boiling in the range of approximately 43 °C to 250 °C (110 °F-500 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-03-1	Naphtha (petroleum), light catalytic reformed, arom - free [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons obtained from distillation of products from a catalytic reforming process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 through C8 and boiling in the range of approximately 35 °C to 120 °C (95 °F to 248 °F). It contains a relatively large proportion of branched chain hydrocarbons with the aromatic components removed.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-14-4	Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads [Refinery gas](Note: A complex combination of hydrocarbons obtained from the catalytic reforming of straight-run naphtha followed by fractionation of the total effluent. It consists of hydrogen, methane, ethane and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-15-5	Gases (petroleum), full-range straight-run naphtha dehexanizer off [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the fractionation of the full-range straight-run naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C2 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich [Petroleum gas](Note: A complex combination of hydrocarbon produced by the distillation of products from a hydrocracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4. It may also contain small amounts of hydrogen and hydrogen sulfide.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68513-17-7	Gases (petroleum), light straight-run naphtha stabilizer off [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the stabilization of light straight-run naphtha. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-18-8	Gases (petroleum), reformer effluent high-pressure flash drum off [Refinery gas](Note: A complex combination produced by the high-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-19-9	Gases (petroleum), reformer effluent low-pressure flash drum off [Refinery gas](Note: A complex combination produced by low-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-63-3	Distillates (petroleum), catalytic reformed straight-run naphtha overheads [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha followed by the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-66-6	Residues (petroleum), steam cracked light [Heavy fuel oil]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68513-69-9	Residues (petroleum), alkylation splitter, C4-rich [Petroleum gas](Note: A complex residuum from the distillation of streams various refinery operations. It consists of hydrocarbons having carbon numbers in the range of C4 through C5, predominantly butane and boiling in the range of approximately -11.7 °C to 27.8 °C (11 °F to 82 °F))	Carc. Cat. 2; R45	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68513-87-1	Tar bases, quinoline derivs. [Distillate Bases]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68514-15-8	Gasoline, vapor-recovery [Low boiling point naphtha](Note: A complex combination of hydrocarbons separated from the gases from vapor recovery systems by cooling. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately -20 °C to 196 °C(-4 °F to 384 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68514-31-8	Hydrocarbons, C1-4 [Petroleum gas](Note: A complex combination of hydrocarbons provided by thermal cracking and absorber operations and by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately minus 164 °C to minus 0.5 °C (-263 °F to 31 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68514-36-3	Hydrocarbons, C1-4, sweetened [Petroleum gas](Note: A complex combination of hydrocarbons obtained by subjecting hydrocarbon gases to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately -164 °C to -0.5 °C (-263 °F to 31 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	-
68514-79-4	Petroleum products, hydrofiner-powerformer reformates [Low boiling point cat-reformed naphtha](Note: The complex combination of hydrocarbons obtained in a hydrofiner-powerformer process and boiling in a range of approximately 27 °C to 210 °C (80 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu		-	-	-	-	-	-	-
68515-42-4	1,2-Benzenedicarboxylic acid di-C7-11-branched and linear alkylesters	Repr. Cat. 2; R61 Repr. Cat. 3; R62	T R: 61-62 S: 53-45	Conc>=5%; T; R61; R62 >=0.5%Conc<5%; T; R61	Eu		-	-	-	-	-	-	-
68516-20-1	Naphtha (petroleum), steam-cracked middle arom. [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons produced by the distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 130 °C to 220 °C (266 °F to 428 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu		-	-	-	-	-	-	-
68527-15-1	Gases (petroleum), oil refinery gas distn. off [Refinery gas](Note: A complex combination separated by distillation of a gas stream containing hydrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers in the range of C1 through C6 or obtained by cracking ethane and propane. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C2, hydrogen, nitrogen, and carbon monoxide.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	-
68527-16-2	Hydrocarbons, C1-3 [Petroleum gas](Note: A complex combination of hydrocarbons having carbon numbers predominantly in the range of C1 through C3 and boiling in the range of approximately minus 164 °C to minus 42 °C (-263 °F to -44 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	-
68527-18-4	Gas oils (petroleum), steam cracked [Cracked gasoil]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
68527-19-5	Hydrocarbons, C1-4, debutanizer fraction [Petroleum gas]	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68527-21-9	Naphtha (petroleum), clay-treated full-range straight-run [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons resulting from treatment of full-range straight-run naphtha with natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately -20 °C to 220 °C (-4 °F to 429 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68527-22-0	Naphtha (petroleum), clay-treated light straight-run [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons resulting from treatment of light straight-run naphtha with a natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C10 and boiling in the range of approximately 93 °C to 180 °C (200 °F to 356 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68527-23-1	Naphtha (petroleum), light steam-cracked, debenzitized [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons produced by distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C7 through C9 and boiling in the range of approximately 110 °C to 165 °C (230 °F to 329 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68527-26-4	Naphtha (petroleum), full-range alkylate, butane-coing. [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons produced by the distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3 through C5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C7 through C12 with some butanes and boiling in the range of approximately 35 °C to 200 °C (95 °F to 428 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68527-27-5	Oxirane, 2-methyl-, polymer with oxirane, mono-G10-	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68551-05-3	12-alkyl ethers, phosphates	C; R34	C R: 34	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Alcohols, C12-16, ethoxylated(Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn: R22 Xi: R38-41	Xn R: 22-38-41 T: R: 45 S: 53 - 45 ; Note: H	Conc>=25%; Xn: R22; R38; R41 >=20%Conc<25%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	N	-	-	-	-	-	-	-	-
68551-12-2													
68553-00-4	Fuel oil No. 6 [Heavy fuel oil]	Carc. Cat. 2; R45		Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33		Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	
68553-63-9	Oils, fish, lead salts		T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68555-24-8	Tar acids, cresylic, residues [Distillate Phenols](Note: The residue from crude coal tar acids after removal of phenol, cresols, xyleneols and any higher boiling phenols. A black solid with a melting point approximately 80 °C (176 °F). Composed primarily of polyalkylphenols, resin gums, and inorganic salts.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	Xn R: 22-38-41	Conc>=25%; Xn: R22; R38; R41 >=20%Conc<25%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	N	-	-	-	-	-	-	-	-
68584-27-0	Benzenesulfonic acid, C10-16-alkyl derivatives, potassium salts	Xn: R22 Xi: R38-41											
	Gases (petroleum), benzene unit hydrotreater depentanizer overheads [Refinery gas](Note: A complex combination produced by treating the feed from the benzene unit with hydrogen in the presence of a catalyst followed by depentanizing. It consists primarily of hydrogen, ethane and propane with various small amounts of nitrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C6. It may contain trace amounts of benzene.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68602-82-4													
68602-83-5	Gases (petroleum), C1-5, wet [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of crude oil and/or the cracking of tower gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68602-84-6	Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator [Refinery gas](Note: A complex combination produced by the fractionation of the overhead products from the catalytic cracking process in the fluidized catalytic cracker. It consists of hydrogen, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68603-00-9	Distillates (petroleum), thermal cracked naphtha and gas oil [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons produced by distillation of thermally cracked naphtha and/or gas oil. It consists predominantly of olefinic hydrocarbons having a carbon number of C5 and boiling in the range of approximately 33 °C to 60 °C (91 °F to 140 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68603-01-0	Distillates (petroleum), thermal cracked naphtha and gas oil, C5-dimer-contg. [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists predominantly of hydrocarbons having a carbon number of C5 with some dimerized C5 olefins and boiling in the range of approximately 33 °C to 184 °C (91 °F to 363 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68603-03-2	Distillates (petroleum), thermal cracked naphtha and gas oil, extractive [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil.. It consists of paraffinic and olefinic hydrocarbons, predominantly isocyanlenes such as 2-methyl-1-butene and 2-methyl-2-butene and boiling in the range of approximately 31 °C to 40 °C (88 °F to 104 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68603-08-7	Naphtha (petroleum), arom.-contg. [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68605-25-8	Alcohols, C8-10, ethoxylated propoxylated(Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
68605-98-1	Fatty acids, tallow, hydrogenated, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
68606-10-0	Gasoline, pyrolysis, debutanizer bottoms [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists of hydrocarbons having carbon numbers predominantly greater than C5.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68606-11-1	Gasoline, straight-run, topping-plant [Low boiling point naphtha](Note: A complex combination of hydrocarbons produced from the topping plant by the distillation of crude oil. It boils in the range of approximately 36.1 °C to 193.3 °C (97 °F to 380 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68606-25-7	Hydrocarbons, C2-4 [Petroleum gas]	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Muta. Cat. 2; R46	S: 53-45 Notes: H ; K										
68606-26-8	Hydrocarbons, C3 [Petroleum gas]	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	S: 53-45 Notes: H ; K										
68606-27-9	Gases (petroleum), alkylation feed [Petroleum gas](Note: A complex combination of hydrocarbons produced by the catalytic cracking of gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C4.))	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	S: 53-45 Notes: H ; K										
68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists predominantly of butane, isobutane and butadiene.)	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	S: 53-45 Notes: H ; K										
68607-11-4	Petroleum products, refinery gases [Refinery gas](Note: A complex combination which consists primarily of hydrogen with various small amounts of methane, ethane, and propane.)	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	S: 53-45 Notes: H ; K										
68607-30-7	Residues (petroleum), topping plant, low sulfur [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
		Xi: R38 R43	Xi ; R: 38 - 43, S: (2) - 24 - 37	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-		
68610-17-3	Plumbane, ethyl methyl derivatives	Carc. Cat. 3; R40 Repr. Cat. 1; R61 Repr. Cat. 3; R62 T+; R26/27/28 T; R48/23/25	T+ R: 61-26/27/28-40-48/23/25- 62	Conc>=10%; T+; R40; R61; R62; R26/27/28; R48/23/25 >=7%Conc<10%; T+; R40; R61; R62; R26/27/28; R48/20/22 >=5%Conc<7%; T; R40; R61; R62; R23/24/25; R48/20/22 >=1%Conc<5%; T; R40; R61; R23/24/25; R48/20/22 R: 61-26/27/28-40-48/23/25- 62 >=0.5%Conc<1%; T; R61; R20/21/22 >=0.1%Conc<0.5%; X	N	-	-	-	-	-	-	-	
		Xi ; R: 43 S: (2)24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-			
68783-00-6	Extracts (petroleum), heavy naphthenic distillate solvent, arom. conc [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
		Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-		
68783-04-0	Extracts (petroleum), solvent refined heavy paraffinic distillate solvent [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
68783-06-2	Gases (petroleum), hydrocracking low-pressure separator [Refinery gas](Note: A complex combination obtained by the liquid-vapor separation of the hydrocracking process reactor effluent. It consists predominantly of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C1 through C3.)	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	S: 53-45 Notes: H ; K										
68783-07-3	Gases (petroleum), refinery blend [Petroleum gas](Note: A complex combination obtained from various processes. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+, R12	F+, T	Conc>=0.1%; T; R45; R46	Eu		-	-	-	-	-	-	
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	S: 53-45 Notes: H ; K										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68783-08-4	Gas oils (petroleum), heavy atmospheric [Heavy fuel oil]	Carc. Cat. 2; R45	T : R 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68783-09-5	Naphtha (petroleum), catalytic cracked light distd. [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68783-12-0	Naphtha (petroleum), unsweetened [Low boiling point naphtha](Note: A complex combination of hydrocarbons produced from the distillation of naphtha streams from various refinery processes It consists of hydrocarbons having carbon numbers predominantly in the range of C5 through C12 and boiling in the range of approximately 0 °C to 230 °C (25 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68783-13-1	Residues (petroleum), coker scrubber, condensed ring arom. contg. [Heavy fuel oil]	Carc. Cat. 2; R45	T : R 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68783-64-2	Gases (petroleum), catalytic cracking [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C3 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68783-65-3	Gases (petroleum), C2-4, sweetened [Petroleum gas](Note: A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C2 through C4 and boiling in the range of approximately - 51 °C to - 34 °C (-60 °F to -30 °F).)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68783-66-4	Naphtha (petroleum), light, sweetened [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C3 through C6 and boiling in the range of approximately -20 °C to 100 °C (-4 °F to 212 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68784-14-5	Constitutional isomers of: penta-O-ally-beta-D-fructofuranosyl-alpha-D-glucopyranoside and hexa-O-ally-beta-D-fructofuranosyl-alpha-D-glucopyranoside and hepta-O-ally-beta-D-fructofuranosyl-alpha-D-glucopyranoside	Xn R: 22 S: (2-) Xn; R22	Xn R: 22 S: (2-)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
68784-25-8	Phenol, dodecyl-, sulfurized, carbonates, calcium salts(Note: The classification for reproductive toxicity need not apply if it can be shown that the substance contains less than 0.5 % unreacted tetrapropenyl phenol (TPP)/CatPP.)	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased(Note: The classification for reproductive toxicity need not apply if it can be shown that the substance contains less than 0.5 % unreacted tetrapropenyl phenol (TPP)/Ca(TPP.))	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	N	-	-	-	-	-	-	-	-
68784-26-9				Conc>=10%; T; R48/25									
68786-66-3	Triclobenzazole	T; R48/25	T ; 48/25	>=1%Conc<10%; Xn; R48/22	V	-	-	-	-	-	-	-	-
68797-31-9	Econazole nitrate	Xn; R22	Xn ; R: 22	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
	Gases (petroleum), refinery (Refinery gas)(Note: A complex combination obtained from various petroleum refining operations. It consists of hydrogen F+; R12 and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68814-67-5	Extracts (petroleum), heavy paraffinic distillates, solvent deasphalted [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45; S: 53 - 45; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68814-89-1													
	Gases (petroleum), platformer products separator off [Refinery gas](Note: A complex combination obtained from the chemical reforming of naphthenes to aromatics. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68814-90-4													
	Tar acids, cresylic, sodium salts, caustic solns. [Alkaline Extract]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68815-21-4													
	Phenol, dodecyl-, sulfurized, calcium salts(Note: The classification for reproductive toxicity need not apply if it can be shown that the substance contains less than 0.5 % unreacted tetrapropenyl phenol (TPP)/Ca(TPP.))	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	N	-	-	-	-	-	-	-	-
68855-45-8													
	1,1-Dimethylpropyl 3,5,5-trimethylperoxyhexanoate	O; R7 R43 N; R50-53	O; Xi; N R: 7-43-50/53 S: (2-13-14-36/37/39-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
68860-54-8													
	Benzenesulfonic acid, mono-C10-16-alkyl derivatives, ammonium salts	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20% Conc<25%; Xi; R38; R41 >=10% Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
68910-31-6													
	Benzenesulfonic acid, mono-C10-16-alkyl derivatives, compounds with 2-aminoethanol	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20% Conc<25%; Xi; R38; R41 >=10% Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
68910-32-7													
	Gases (petroleum), hydrotreated sour kerosine deparantizer stabilizer off [Refinery gas](Note: The complex combination obtained from the deparantizer stabilization of hydrotreated kerosine. It consists primarily of hydrogen, methane, ethane, and propane with various small amounts of nitrogen, hydrogen sulfide, carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C4 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68911-56-0													

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68911-59-1	Gases (petroleum), hydrotreated sour kerosine flash drum [Refinery gas](Note: A complex combination obtained from the flash drum of the unit treating sour kerosine with hydrogen in the presence of a catalyst. It consists primarily of hydrogen and methane with various small amounts of nitrogen, carbon monoxide, and hydrocarbons having carbon numbers predominantly in the range of C2 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68918-99-0	Gases (petroleum), crude oil fractionation off [Petroleum gas](Note: A complex combination of hydrocarbons produced by the fractionation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-00-6	Gases (petroleum), dehexanizer off [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the fractionation of combined naphtha streams. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-01-7	Gases (petroleum), distillate unfiner desulfurization stripper off [Refinery gas](Note: A complex combination stripped from the liquid product of the unfiner desulfurization process. It consists of hydrogen sulfide, methane, ethane, and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-02-8	Gases (petroleum), fluidized catalytic cracker fractionation off [Refinery gas](Note: A complex combination produced by the fractionation of the overhead product of the fluidized catalytic cracking process. It consists of hydrogen, hydrogen sulfide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-03-9	Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off [Refinery gas](Note: A complex combination produced by scrubbing the overhead gas from the fluidized catalytic cracker. It consists of hydrogen, nitrogen, methane, ethane and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off [Refinery gas](Note: A complex combination stripped from the liquid product of the heavy distillate hydrotreater desulfurization process. It consists of hydrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-05-1	Gases (petroleum), light straight run gasoline fractionation stabilizer off [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the fractionation of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68919-06-2	Gases (petroleum), naphtha unfiner desulfurization stripper off [Petroleum gas](Note: A complex combination of hydrocarbons produced by a naphtha unfiner desulfurization process and stripped from the naphtha product. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-07-3	Gases (petroleum), platformer stabilizer off, light ends fractionation [Refinery gas](Note: A complex combination obtained by the fractionation of the light ends of the platinum reactors of the platformer unit. It consists of hydrogen, methane, ethane and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-08-4	Gases (petroleum), preflash tower off, crude disn. [Refinery gas](Note: A complex combination produced from the first tower used in the distillation of crude oil. It consists of nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-09-5	Gases (petroleum), straight-run naphtha catalytic reforming off [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and fractionation of the total effluent. It consists of methane, ethane, and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-10-8	Gases (petroleum), straight-run stabilizer off [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation of the liquid from the first tower used in the distillation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-11-9	Gases (petroleum), tar stripper off [Refinery gas](Note: A complex combination obtained by the fractionation of reduced crude oil. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-12-0	Gases (petroleum), unfiner stripper off [Refinery gas](Note: A combination of hydrogen and methane obtained by fractionation of the products from the unfiner unit.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-20-0	Gases (petroleum), fluidized catalytic cracker splitter overheads [Petroleum gas](Note: A complex combination of hydrocarbons produced by the fractionation of the charge to the C3 -C4 splitter. It consists predominantly of C3 hydrocarbons.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68919-37-9	Naphtha (petroleum), full-range reformed [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons produced by the distillation of the products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C5 through C12 and boiling in the range of approximately 35 °C to 230 °C (95 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68919-39-1	Natural gas condensates [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons separated and/or condensed from natural gas during transportation and collected at the wellhead and/or from the production, gathering, transmission, and distribution pipelines in deeps, scrubbers, etc. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C2 through C8.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; J	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68921-08-4	Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads [Low boiling point naphtha](Note: A complex combination of hydrocarbons obtained by the fractionation of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68921-09-5	Distillates (petroleum), naphtha unifiner stripper [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons produced by stripping the products from the naphtha unifiner. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C6.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68937-63-3	Extract oils (coal), tar base, collidine fraction [Distillate Bases](Note: The extract produced by the acidic extraction of bases from crude coal tar aromatic oils, neutralization, and distillation of the bases. Composed primarily of collidines, aniline, toluidines, luitidines, xyliidnes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68952-76-1	Gases (petroleum), catalytic cracked naphtha debutanizer [Petroleum gas](Note: A complex combination of hydrocarbons obtained from fractionation of catalytic cracked naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68952-77-2	Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the fractionation of catalytic cracked naphtha and distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68952-79-4	Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator [Refinery gas](Note: A complex combination of hydrocarbons obtained from the hydrodesulfurization of naphtha. It consists of hydrogen, methane, ethane, and propane.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68952-80-7	Tail gas (petroleum), straight-run naphtha hydrodesulfurizer [Refinery gas](Note: A complex combination obtained from the hydrodesulfurization of straight-run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68952-81-8	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber [petroleum gas](Note: A complex combination of hydrocarbons obtained from the separation of thermal-cracked distillates, naphtha and gas oil. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68952-82-9	Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking [Petroleum gas](Note: A complex combination of hydrocarbons obtained from the fractionation stabilization of thermal cracked hydrocarbons from petroleum coking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68953-39-9	Fatty acids, tallow, hydrogenated, cadmium salts	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25 T; R: 45 ; S: 53 - 45 ; Note: H	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
68955-27-1	Distillates (petroleum), petroleum residues vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68955-28-2	Gases (petroleum, light steam-cracked, butadiene conc. [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists of hydrocarbons having a carbon number predominanly of C4.))	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68955-29-3	Distillates (petroleum), light thermal cracked, debutanized arom. [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists predominanly of aromatic hydrocarbons, primarily benzene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68955-33-9	Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation [Refinery gas](Note: A complex combination obtained by the fractionation of products from the fluidized catalytic cracker and gas oil desulfurizer. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C4.))	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68955-34-0	Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead [Petroleum gas](Note: A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
68955-35-1	Naphtha (petroleum), catalytic reformed [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons produced by the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C12 and boiling in the range of approximately 30 °C to 220 °C (90 °F to 430 °F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.)	Carc. Cat. 2; R45 Multa. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
68955-36-2	Residues (petroleum), steam cracked, resinous [Heavy fuel oil]	Carc. Cat. 2; R45		Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68956-66-3	Vegetable oil mists (except castor oil, cashew nut or similar irritant oils)			Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 R: 45-46-60-61-21-25-26-48/23/25 Xn; R21	A	Vegetable oil mists (except castor oil, cashew nut or similar irritant oils)	-	10	-	-	-	-	-
68956-81-0	Resin acids and rosin acids, cadmium salts		T+ R: 45-46-60-61-21-25-26-48/23/25 Xn; R21	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 R: 45-46-60-61-21-25-26-48/23/25 Xn; R21	N	-	-	-	-	-	-	-	-
68957-94-8	2,4,6-Tris-n-propyl-2,4,6-trioxo-1,3,5,2,4,6-troxatrisphosphorane	C; R34	C S: (1/2)-26-36/37/39-45	R: 34 Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
68989-88-8	Gases (petroleum), crude distn. and catalytic cracking [Refinery gas](Note: A complex combination produced by crude distillation and catalytic cracking processes. It consists of hydrogen, hydrogen sulfide, nitrogen, carbon monoxide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12 Carc. Cat. 1; R45 Multa. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
68990-61-4	Tar, coal, high temp., high solids [Coal tar solids residue]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
69011-06-9	Lead, [1,2-benzenedicarboxylato(2-)]dioxotri-	Carc. Cat. 3; R40 Multa. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20 R33 R10 Xi; R43 R52-53	T R: 61-20-33-40-62-68 Xi; R: 10 - 43 - 52/53 , S: (2) - 24 - 37 - 61	Conc>=25%; T; R40; R61; R62; R68; R20; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
69045-82-5	2-Fluoro-5-trifluoromethylpyridine	Xn; R20/22 Xi; R41 R43 N; R51-53	Xn; N R: 20/22 - 41 - 43 - 51/53 S: (2)/24 - 26 - 37/39 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
69045-84-7	2,3-Dichloro-5-trifluoromethylpyridine	E; R2 Carc. Cat. 3; R40 Xn; R22-48/22 C; R35 R43 N; R50-53	E; C; N R: 2,22-35-40-43-48/22-50/53 S: (1/2)-23-26-35-36/37/39-45-60-61	Conc>=10%; Xn; R20/22; R41; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
69094-18-4	2,2-Dibromo-2-nitroethanol			Conc>=10%; C; R40; R35; R22; R48/22; R43 >=5%Conc<10%; C; R40; R34; R43 >=1%Conc<5%; Xn; R40; R36/37/38; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21		Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
69121-20-6	Octadecanoic acid, 12-hydroxy-, cadmium salt (2:1) Xn; R21		T+ R: 45-46-60-61-21-25-26-48/23/25 N; R: 51/53 S: (2)36/37		Eu	-	-	-	-	-	-	-	-
69184-17-4	Methyl O-(4-amino-3,5-dichloro-6-fluoropyridin-2-yloxy)acetate	N; R51-53 Xn; R22 Xi; R36/38	Xn R: 22-36/38 Xn; R: 68 S: (2)36/37	Conc>=25%; Xn; R22; R36/38 >=20%Conc<25%; Xi; R36/38	N	-	-	-	-	-	-	-	-
69227-09-4	Benzenesulfonic acid, dodecyl-, branched, sodium salt	Xn; R36/38	R: 22-36/38 Xn; R: 68 S: (2)36/37	Conc>=1%; Xn; R68	Eu	-	-	-	-	-	-	-	-
69227-51-6	1-Ethyl-1-methylpyrrolidinium bromide	Muta. Cat. 3; R68	Xi R: 36/38 R: 52/53, S: 61	Conc>=20%; Xi; R36/38	N	-	-	-	-	-	-	-	-
69364-63-2	Poly(oxy-1,2-ethanediyl), alpha-isohexadecyl-omega-hydroxy-	Xi; R36/38			Eu	-	-	-	-	-	-	-	-
69377-81-7	Fluroxypyr (ISO) [4-Amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid]	R52-53			Eu	-	-	-	-	-	-	-	-
	alpha-Trimethylsilyl-omega-trimethylsiloxypropyloxy-(methyl-3-(2-(2-methoxypropoxy)propoxy)-propylsilyl)-co-oxy(dimethylsilyl)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
69430-40-6	N-(3-Chlorophenyl)-N-(tetrahydro-2-oxo-3-furyl)cyclopropanecarboxamide [Cyprofluram]	T; R25 Xn; R21 N; R50-53	T; N; R: 21 - 25 - 50/53, S: (1/2) - 36/37 - 60 - 61	Conc>=25%; T; R25; R21 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
69581-33-5													
69669-44-9	Benzenesulfonic acid, C10-14-alkyl derivatives, sodium salts	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
69770-45-2	Flumethrin	T; R25 R43 N; R51-53	T; R: 25 Xi; N; R: 43 - 51/53 S: (2)24 - 37 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	V	-	-	-	-	-	-	-	-
69788-75-6	4-Chlorobutyl veratrate			Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
69806-50-4	Fluazifop-butyl (ISO) [Butyl (RS)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate]	Repr. Cat. 2; R61 N; R50-53	T; N; R: 61 - 50/53 S: 53 - 45 - 60 - 61	Conc>=0.5%; T; R61	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 3; R40 Repr. Cat. 2; R61 T; R48/25 Xn; R20/22 R64 N; R51-53	T; N R: 61-20/22-40-48/25-64-51/53 S: 53-45-61 Note: E	Conc>=25%; T; R40; R61; R64; R20/22; R48/25 >=10%Conc<25%; T; R40; R61; R64; R48/25 >=1%Conc<10%; T; R40; R61; R64; R48/22 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	
70225-14-8	Diethanolamine perfluorooctane sulfonate(Note: see also CAS No. 1763-23-1, 2795-39-3, 29081-56-9, 29457-72-5)	Xi; R38-41 R43 N; R50-53	Xi; N; R: 38 - 41 - 43 - 50/53 S: (2)26 - 36/37/39 - 60 - 61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
70264-94-7	Methyl 4-bromomethyl-3-methoxybenzoate												
		Repr. Cat. 2; R61 R64 T+; R28 T; R24	Conc >=25%; T+; R61; R64; R28, R24 >=7%Conc<25%; T+; R61; R64; R28, R21 >=3%Conc<7%; T; R61; R64; R25, R21 >=1%Conc<3%; T; R61; R64; R25 >=0.5%Conc<1%; T; R61; R22 >=0.1%Conc<0.5%; Xn; R22	V	-	-	-	-	-	-	-	-	-
70288-86-7	Ivermectin		T+; R: 61 - 24 - 28 - 64 T										
70321-67-4	Tar bases, coal, quinoline derivs. fraction [Distillate Bases]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
70321-79-8	Creosote oil, high-boiling distillate [Wash Oil](Note: The high-boiling distillation fraction obtained from the high temperature carbonization of bituminous coal which is further refined to remove excess crystalline salts. It consists primarily of creosote oil with some of the normal polynuclear aromatic salts, which are components of coal tar distillates, removed. It is crystal free at approximately 5 °C (41 °F).)	Carc. Cat. 2; R45	T R: 45 S: 53-45 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
70321-80-1	Creosote oil, low-boiling distillate [Wash Oil](Note: The low-boiling distillation fraction obtained from the high temperature carbonization of bituminous coal, which is further refined to remove excess crystalline salts. It consists primarily of creosote oil with some of the normal polynuclear aromatic salts, which are components of coal tar distillate, removed. It is crystal free at approximately 38 °C (100 °F).)	Carc. Cat. 2; R45	Xi R: 41-52/53 S: (2)-26-39-61 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
70445-33-9	3-(2-Ethylhexyloxy)propane-1,2-diol	Xi; R41 S2-53	R R: 41-52/53 S: (2)-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
70592-76-6	Distillate (petroleum), intermediate vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
70592-77-7	Distillates (petroleum), light vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
70592-78-8	Distillates (petroleum), vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
70630-17-0	Metaoxyl-M (ISO) [Melencoxam; (R)-2-[(2,6-dimethylphenyl)-methoxyacetylaminopropionic acid methyl ester]	Xn; R22 Xi; R41	Xn; R: 22 - 41 S: (2)-26 - 39 - 46	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
70643-20-8	Ethanol, 2-(2,4-diaminophenoxy)-, sulfate (1:1)	Xn; R22 Xi; R41 R43	Xn R: 22-41-43 S: 25-26-36	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	N	-	-	-	-	-	-	-	-
70657-70-4	2-Methoxypropyl acetate	R10 Repr. Cat. 2; R61 Xi; R37	T; R: 61 - 10 - 37, S: 53 - 45	Conc>=20%; T; R61; R37 >=0.5%Conc<20%; T; R61	Eu	-	-	-	-	-	-	-	-
70693-57-1	N-[3-[(2-Acetoxy)ethyl](phenyl-methyl)amino]-4-methoxyphenylacetamide	C; R34 R52-53	C; R: 34 - 52/53 S: (1)-2 - 26 - 36/37/39 - 45 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38 Conc>=10%; C; R34	Eu	-	-	-	-	-	-	-	-
70693-62-8	Potassium peroxomonosulfate triple salt	C; R34	C; R: 34	Conc>=10%; C; R34	V	-	-	-	-	-	-	-	-
70918-74-0	1-(1,4-Benzodioxan-2-ylcarbonyl)piperazine hydrochloride	T; R23/24/25 Xn; R48/22 N; R51-53	T; N; R: 23/24/25 - 48/22 - 51/53 S: 53 - 45 - 61	Conc>=25%; T; R23/24/25; R48/22 >=10%Conc<25%; Xn; R20/21/22; R48/22 >=3%Conc<10%; Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
70950-45-7	Dodecyl 3-(2-(3-benzyl)-4-ethoxy-2,5-dioximidazolidin-1-yl)-3-(4-methoxybenzoyl)-acetamido)-4-chlorobenzoate	N; R53 R: 53 S: 61	N R: 53		Eu	-	-	-	-	-	-	-	-
70987-78-9	Oxiranemethanol, 4-methylbenzene-sulfonate, (S)-	Carc.Cat.2; R45 Muta.Cat.3; R68 Xi; R41 R43 N; R51-53	T; N R: 45-41-43-68-51/53 S: 53-45-61	Conc>=10%; T; R45; R68; R41; R43 >=5%Conc<10%; T; R45; R68; R36; R43 >=1%Conc<5%; T; R45; R68; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
71109-09-6	Vedaprofen [4-Cyclohexyl-alpha-methylnaphthalene-1-acetic acid]	Xn; R22	Xn; R: 22	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
71125-38-7	Meloxicam	T; 48/25	T R: 48/25	Conc>=10%; T; R48/25 >=1%Conc<10%; Xn; R48/22	V	-	-	-	-	-	-	-	-
71283-80-2	Fenoxyprop-p-ethyl	Xn; R20	Xn; R: 20	Conc>=25%; Xn; R20	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
71297-11-5	4-Bis[4-(diethylamino)phenyl]methyl]benzene-1,2-dimethanesulfonic acid	R 52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
71302-79-9	Mixture of: 2-ethylhexyl linoleate and linoleate and oleate [2-Ethylhexyl epoxystearate; 2-Ethylhexyl diepoxylinoleate and 2-Ethylhexyl triepoxylinoleate]	R43 R43 R53	Xi R: 43 S: (2-24)-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71308-16-2	2-(4-Methyl-3-pentenyl)anthraquinone	Xn; R22 R43 R53	Xn R: 22-43-53 S: (2-22-24-37)-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71420-85-4	Sodium (6R—trans)-7-amino-8-oxo-3-[[1-(sulfonylmethyl)-1H-tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate monohydrate	R43	Xi R: 43 S: (2-24)-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71449-78-0	Diphenyl[4-phenylthiophenyl]sulfonium hexafluoroantimonate	Xi; R43 N; R50-53	Xi; N; R: 43 - 50/53 S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71526-07-3	4-Dichloroacetyl-1-oxa-4-azaspiro[4.5]decane	R43 N; R51-53	Xi; N R: 43-51/53 S: (2-24)-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71550-12-4	Polymer of allylamine hydrochloride	Xn; R22 R43	Xn R: 22-43 S: (2-36)/37	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71586-50-2	Mixture of: 1-methyl-1-(3-(1-methylethyl)phenyl)ethyl-1-methyl-1-phenylethylperoxide 63% by weight and 1-methyl-1-(4-(1-methylethyl)phenyl)ethyl-1-methyl-1-phenylethylperoxide 31% by weight	O; N O; R7 N; R51-53	O; N R: 7-51/53 S: (2-37/-14-36)/37/39-61		Eu	-	-	-	-	-	-	-	-
71626-11-4	Benalaxyl methyl N-(2,6-dimethylphenyl)-N-(phenylacetyl)-DL-alaninate [Methyl N-(2,6-dimethylphenyl)-N-(phenylacetyl)-DL-alaninate]	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
71629-74-8	2,4(or 2,6)-Dinitrophenol(No: see also CAS No 25550-58-7)	T; R23/24/25 R33 N; R50-53	T; N R: 23/24/25 - 33 - 50/53 S: (1/2) - 28 - 37 - 45 - 60 - 61	Conc>=25%; T; R23/24/25; R33 >=3%Conc<25%; Xn; R20/21/22; R33 >=1%Conc<3%; Xn; R33	Eu	-	-	-	-	-	-	-	-
71751-41-2	Abamectin (combination of avermectin B1a and avermectin B1b) (ISO)(No: see also CAS No 65195-55-3)	Repr. Cat. 3; R63 T+; R26/28 T; R48/23/25 N; R50-53	T+; N R: 63-26/28-48/23/25-50/53 S: 28-36/37-45-60-61	Conc>=10%; T+; R63; R26/28; R48/23/25 >=7%Conc<10%; T+; R63; R26/28; R48/23; R48/22 >=5%Conc<7%; T; R63; R23/25; R48/23; R48/22 >=1%Conc<5%; T; R23/25; R48/20/22 >=0.5%Conc<1%; Xn; R20/22; R48/20 >=0.1%Conc<0.5%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
71786-70-4	Bis(4-dodecylphenyl)iodonium hexafluoroantimonate	Xi; R43 R52-53	Xi; R: 43 - 52/53 S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
71832-62-7	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with N1,N2-bis(2-aminoethyl)-1,2-ethanediamine, 2-(chloromethyl)oxirane, 2-[(dodecyloxy)methyl]oxirane, 2-[(methylphenoxy)methyl]oxirane and 2-[(tetradecyloxy)methyl]oxirane	Xn; R22 Xi; R41	Xn R: 22-41	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
71868-10-5	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	Xn; R22 N; R51-53	Xn; N; R: 22 - 51/53 S: (2) - 22 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
71888-89-6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich	Repr. Cat. 2; R61	T R: 61 S: 53-45	Conc>=0.5%; T; R61	Eu	-	-	-	-	-	-	-	-
71975-58-1	2,4(or 2,5)-Xylenol [2,4(or 2,5)-Dimethylpheno]](No: see also CAS No 95-65-8, 95-87-4, 105-67-9, 526-75-C; R34 0, 576-26-1 & 1300-71-6)	T; R24/25 see also CAS No 95-65-8, 95-87-4, 105-67-9, 526-75-C; R34 0, 576-26-1 & 1300-71-6)	T; N; R: 24/25 - 34 - 51/53 S: (1/2) - 26 - 36/37/39 - 45 - 61; Note: C	Conc>=25%; T; R24/25; R34 >=10%Conc<25%; C; R34; R21/22 >=5%Conc<10%; Xn; R21/22; R36/38 >=3%Conc<5%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
72178-02-0	Fomesafen [5-[2-Chloro-4-(trifluoromethyl)phenoxy]-N-(methylsulphonyl)-2-nitrobenzamide]	Xn; R22	Xn; R: 22 S: (2)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	6-Anilino-1-benzoyl-4-(4-tert-pentylphenoxy)naphthol[1,2,3-de]quinoline-2,7-(3H)-dione	N; R51-53	N; R: 51/53, S: 61		Eu	-	-	-	-	-	-	-	-
72453-58-8	Phenoxycarb [Ethyl] [2-(4-phenoxyphenoxy)ethyl]carbamate]	Xn; R48/22 N; R50 - 53	Xn; N; R: 48/22 - 50/53, S: 60 - 61	Conc>=10%; Xn; R48/22	EuV	-	-	-	-	-	-	-	-
72490-01-8	2-Methypropyl 2-hydroxy-2-methylbut-3-enoate	Xi; R36/38	Xi; R: 36/38	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
72531-53-4	Methyl (R)-2-(4-(3-chloro-5-trifluoromethyl)-2-pyridyl)phenoxy]propionate	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53 S: (2)60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
72623-85-9	Lubricating oils (petroleum). C20-50, hydrofretreated neutral oil based, high viscosity [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
72623-86-0	Lubricating oils (petroleum). C15-30, hydrofretreated neutral oil base [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
72623-87-1	Lubricating oils (petroleum). C20-50, hydrofretreated neutral oil based [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
72716-26-8	L-Glutamic acid, N-(1-oxotetradecyl)-, potassium salt (1:1)	Xi; R38	Xi	Conc>=20%; Xi; R38	N	-	-	-	-	-	-	-	-
72752-52-4	2-Piperidin-1-yl-benzonitrile	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
				Conc>=25%; Xn; R21/22; R48/22; R38; R41; R43 >=20% Conc<25%; Xn; R48/22; R38; R41; R43 >=10% Conc<20%; Xn; R48/22; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43									
72830-09-2	2-Chloromethyl-3,4-dimethoxypyridinium chloride	N; R51-53	Xn; N R: 21/22-38-41-43-48/22-51/53 S: (2)-26-36/37-39-61		Eu	-	-	-	-	-	-	-	-
72850-64-7	Flurazole [Benzyl 2-chloro-4-(trifluoromethyl)thiazole-5-carboxylate]	N; R51-53	N; R: 51/53, S: 61		Eu	-	-	-	-	-	-	-	-
72903-27-6	Diethyl 1,4-cyclohexanedicarboxylate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
72955-94-3	1-[Benzyl[2-(2-methoxyphenoxy)ethyl]amino]-3-(9H-carbazol-4-yloxy)propan-2-ol	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
72963-72-5	Mixture of [2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1R)-cis-chrysanthemate and [2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1R)-trans-chrysanthemate	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2)-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
73096-98-7	1-[3-[(Dimethylamino)methyl]-4-hydroxyphenyl]ethanone	Xn; R22 Xi; R41 R52-53	Xn R: 22-41-52/53 Xi; R41 S: (2)-22-26-39-61	Conc>=25%; Xn; R22; R41 >=10% Conc<25%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
73138-82-6	Resin acids and rosin acids(Note: see also CAS No 8052-10-6 & 8050-09-7)	Xi; R43	Xi; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
73231-34-2	Florfenicol	Repr. Cat. 3; R62-63 Xn; R48/22	Xn; R: 48/22 - 62 - 63 R10	Conc>=10%; Xn; R62; R63; R48/22 >=5% Conc<10%; Xn; R62; R63	V	-	-	-	-	-	-	-	-
73246-45-4	(S)-Methyl-2-chloropropionate	Xn; R48/22 Xi; R36	Xn; R: 10 - 36 - 48/22 S: (2)23 - 26 - 36	Conc>=20%; Xn; R48/22; R36 >=10% Conc<20%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
73250-68-7	Mefenacet [2-(Benzothiazol-2-yloxy)-N-methyl-N-phenylacetamide]	N; R51-53	N; R51/53, S: 61		Eu	-	-	-	-	-	-	-	-
73581-79-0	Menadione nicotinamide bisulfite [1,2,3,4-Tetrahydro-2-methyl-1,4-dioxonaphthalene-2-sulfonic acid, compound with nicotin-3-amide (1:1)]	Xi; R36/38 N; R50-53	Xi; N R: 36/38-50/53 S: (2)-24/25-50-61	Conc>=20%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
73665-18-6	Extract residues (coal), tar oil alk., naphthalene distn. residues [Naphthalene Oil Extract Residue](Note: The residue obtained from chemical oil extracted after the removal of naphthalene by distillation composed primarily of two to four membered condensed ring aromatic hydrocarbons and aromatic nitrogen bases.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu								
73754-27-5	4-[3-(3,5-Di-tert-butyl-4-hydroxyphenyl)propionyloxy]-1-[2-[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionyloxy]ethyl]-2,6,6-tetramethylpiperidine	R 53	R: 53 S: 61		Eu								
74070-46-5	2-Chloro-6-nitro-3-phenoxyaniline [Benzenamine, 2-chloro-6-nitro-3-phenoxy]	N; R50-53	N ; R: 50 - 53, S: 60 - 61		Eu								
74223-64-6	Metsulfuron-methyl (ISO) [2-(4-Methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl) benzoic acid]	N; R50-53	N R: 50/53 S: 60-61		Eu								
74227-35-3	Mixture of: thibis(4,1-phenylene)-S,S',S'-tetraphenyldisulfonium bishexafluorophosphate and diphenyl(4-phenylthiophenyl)sulfonium hexafluorophosphate propylene carbonate	R43 Xi; R36 N; R50-53	Xi; N R: 36-43-50/53 S: (2-24-26-37-60-61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu								
74332-79-3	3,3'-Dichlorobenzidine sulphate salt of [3,3'-Dichlorobiphenyl-4,4'-ylenediamine sulphate salt off](Note: see also CAS No 612-83-9 & 64969-34-2)	R43 Xi; R21 N; R50-53	T ; N : R: 45 - 21 - 43 - 50/53, S: 53 - 45 - 60 - 61; Notes: A; E	Conc>=25%; T; R45; R21; R43 >=1%Conc<25%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu								
74338-72-0	2,4,4,7-Tetramethyl-6-octen-3-one	Xi; R38 N; R51-53	R: 38-51/53 S: (2-37-61	Conc>=20%; Xn; R38	Eu								
74401-04-0	N-Methyl-4-(p-formylstyryl)pyridinium methylsulfate	R43 R52-53	Xi R: 43-52/53 S: (2-22-24-37-61	Conc>=1%; Xi; R43	Eu								
74753-18-7	4,4'-bi-o-Tolidine sulphate [4,4'-bi-o-Tolidine, salts of; 3,3'-Dimethylbenzidine, salts of; o-Tolidine, salts of](Note: see also CAS No 612-82-8 & 64969-36-4)	Carc. Cat. 2; R45 Xn; R22 N; R51-53	T ; N : R: 45 - 22 - 51/53, S: 53 - 45 - 61; Notes: A ; E	Conc>=25%; T; R45; R22 >=0.1%Conc<25%; T; R45	Eu								
74869-21-9	Lubricating greases [Grease]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu								
74869-22-0	Lubricating oils [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu								
75113-37-0	Dibutyltin hydrogen borate	Muta. Cat. 3; R68 Repr. Cat. 2; R60-61 T; R48/25 Xn; R21/22 Xi; R41 R43 N; R50-53	T; N R: 60-61-21/22-41-43-48-25-68-50/53 S: 53-45-60-61 Note: E	Conc>=25%; T; R60; R61; R68; R48/25; R21/22; R41; R 43 >=10%Conc<25%; T; R60; R61; R68; R48/25; R41; R43 >=5%Conc<10%; T; R60; R61; R68; R48/22; R36; R43 >=1%Conc<5%; T; R60; R61; R68; R48/22; R43 >=0.5%Conc<1%; T; R60; R61	Eu/A	Tin, organic compounds (as Sn)	0.1	-	0.2	-	-	Sk	
75490-39-0	2,2,4-Trimethyl-4-phenyl-butane-nitrile	Xn; R22 N; R51-53	Xn; N R: 22-51/53 S: (2-61	Conc>=25%; Xn; R22	Eu								
75511-91-0	N-Butyl-3-(2-chloro-4-nitrophenylhydrazono)-1-oyano-2-methylprop-1-ene-1,3-dicarboximide	R43 R 52-53	Xi R: 43-52/53 S: (2-24-37-61	Conc>=1%; Xi; R43	Eu								
75659-07-3	R,R-2-Hydroxy-5-(1-hydroxy-2-(4-phenylbut-2-ylamino)ethyl)benzamide hydrogen 2,3-bis(benzoxy)oxy)succinate	F; R11 Xi; R43 R52-53	F ; Xi ; R: 11 - 43 - 52/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu								
75660-25-2	Chrysoline monoacetate [4-(Phenyazo)benzene-1,3-diamine monoacetate](Note: see also CAS No. 532-82-1, 79234-33-6, 63681-54-9, 83968-67-6 & 84196-22-5)	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-68-50/53 S: (2-23-26-36/37/39-46-60-61	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
75736-33-3	Diclobutazale [(2RS, 3RS)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol; (R*, R*)-(±)-beta-[(2,4-Dichlorophenyl)methyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol]	Xi; R36 N; R51-53	Xi; N; R: 36 - 51/53, S: (2) - 26 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Repr. Cat. 3; R62	Xn R: 62 S: (2)/22-26-37	Conc>=5%; Xn; R62	Eu	-	-	-	-	-	-	-	-
76109-32-5	(1S,4R,6R,7R)-(4-Nitrophenylmethyl)3-methylene-1-oxo-7-phenylacetamido-cepham-4-carboxylate	R42	Xn; R: 42 S: (2)/22	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
76145-91-0	2,4-Diamino-6-hydroxymethylpteridinehydrobromide	Xn; R48/22 R43 R52-53	R: 43-48/22-52/53 S: (2)/22-36/37-61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
76253-60-6	Dichloro(dichlorophenyl)methyl methylbenzene, mixed isomers [(Dichlorophenyl)(dichlorotolyl)methane, mixed isomers (IUPAC)]	N; R50-53	N; R: 50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
76508-02-6	Hexasodium 2,2'-vinylenebis(3-sulfonato-4,1-phenylene)imino(6-(N-cyanoethyl)-N-(2-hydroxypropyl)amino)-1,3,5-triazine-4,2-dyl)imino]dibenzene-1,4-disulfonate	Xi; R36	Xi; R: 36, S: (2) - 26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
76646-91-8	(2S,5R)-6,6-Dibromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4'-dioxide	Xn; R22 Xi; R38-41 R43	Xn R: 22-38-41-43 S: (2)/24-26-37/39	Conc>=25%; Xn; R22 Conc>=20%; Conc<25%; Xi; R38; R41; R43 >=10% Conc<20%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
76674-21-0	Flutriatol	Xn; R20/22	Xn; R: 20/22	Conc>=25%; Xn; R20/22	V	-	-	-	-	-	-	-	-
76714-88-0	(E)-beta-[(2,4-Dichlorophenyl)methylene]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazol-1-ethanol [(E)-(RS)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol; Dnikonazole (ISO)]	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53 S: (2) - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
76823-93-3	3-(2-Daminomethyleneamino)thiazol-4-ylmethylthio propionitrile	Xn; R22 R43	Xn R: 22-43 S: (2)/22-24-37	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
76855-69-1	(2R,3R)-3-((R)-1-(tert-Butyldimethylsiloxy)ethyl)-4-oxooazeldin-2-yl acetate	Xi; R36 R43 R51-53	Xi; N R: 36-43-51/53 S: (2)/24-26-37-61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
76932-17-7	(S)-alpha-(Acetylthio)benzenepropanoic acid	Xn; R22 Xi; R41 R43	Xn R: 22-41-43 S: (2)/22-26-36/37/39	Conc>=25%; Xn; R22; R41; R43 >=10% Conc<25%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
77182-82-2	Glufosinate ammonium (ISO) [Ammonium 2-amino-4-(hydroxymethylphosphinyl)butyrate]	Repr. Cat. 2; R60 Repr. Cat. 3; R63 Xn; R20/21/22-48/20/22	T R: 60-20/21/22-48/20/22-63 S: 53-45 Note: E	Conc>=25%; T; R60; R63; R20/21/22; R48/20/22 R: 10% Conc<25%; T; R60; R63; R48/20/22 >=5% Conc<10%; T; R60; R63 >=0.5% Conc<5%; T; R60	Eu	-	-	-	-	-	-	-	-
77214-82-5	Iron (III) tris(4-methylbenzenesulfonate)	Xi; R41 R10	Xi R: 41 S: (2)/24-26-39	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
77227-99-7	3-Chloro-4,5 alpha, alpha, alpha-pentafluorotoluene	Xn; R20/22; N; R50-58	Xn; N; R: 10 - 20/22 - 50 - 58 S: (2) - 51 - 60 - 61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
77341-67-4	[1R-(1-alpha,2beta,5alpha)]-Monof5-methyl-2-(1-methylethyl)pycdohexyl]butanedioate	Xi; R41	Xi R: 41 S: (2)/26-39	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
77375-79-2	Ethyl 2-(isocyanatosulfonyl)benzoate	R14 Xn; R22-48/22 Xi; R41 R42/43	Xn R: 14-22-41-42/43-48/22 S: (2-38-23-26-30-35-36/37/39	Conc>=25%; Xn; R22; R48/22; R41; R42/43 >=10%Conc<25%; Xn; R48/22; R41; R42/43 >=5%Conc<10%; Xn; R36; R42/43 >=1%Conc<5%; Xn; R42/43	Eu/A	Isocyanates, all (as-NCO)	-	0.02	0.07	-	Sen	-
77402-03-0	Methyl acrylamidomethoxyacetate (containing >= 0.1% acrylamide)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R22 Xi; R36	T : R: 45 - 46 - 22 - 36, S: 53 - 45 ; Note: E	Conc>=25%; T; R45; R46; R22; R36 >=20%Conc<25%; T; R45; R46; R36 >=0.1%Conc<20%; T; R45; R46	Eu	-	-	-	-	-	-	-
77402-05-2	Methyl acrylamidoglycolate (containing >= 0.1% acrylamide)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 C; R34 R43	T : R: 45 - 46 - 34 - 43, S: 53 - 45	Conc>=10%; T; R45; R46; R34; R43 >=5%Conc<10%; T; R45; R46; R36/38; R43 >=1%Conc<5%; T; R45; R46; R43 >=0.1%Conc<1%; T; R45; R46	Eu	-	-	-	-	-	-	-
77497-97-3	(S)-3-Benzoyloxycarbonyl-1,2,3,4-tetrahydro-isoquinolinium 4-methylbenzenesulfonate	N; R51-53	N ; R:51/53, S: 61		Eu	-	-	-	-	-	-	-
77536-66-4	Asbestos, actinolite(Note: see also CAS No 132207-32-0, 12172-73-5 , 77536-67-5, 77536-68-6, 12001-28-4 & 12001-29-5)	Carc. Cat. 1; R45 T; R48/23	T ; R: 45 - 48/23 , S: 53 - 45; Note: E	Conc>=10%; T; R45; R48/23 >=1%Conc<10%; T; R45; R48/20 >=0.1%Conc<1%; T; R45	Eu; A	Other forms (b)	0.1 f/mL	-	-	1	-	-
77536-67-5	Asbestos, anthophyllite(Note: see also CAS No 132207-32-0, 12172-73-5 , 77536-66-4, 77536-68-6, 12001-28-4 & 12001-29-5)	Carc. Cat. 1; R45 T; R48/23	T ; R: 45 - 48/23 , S: 53 - 45; Note: E	Conc>=10%; T; R45; R48/23 >=1%Conc<10%; T; R45; R48/20 >=0.1%Conc<1%; T; R45	Eu; A	Other forms (b)	0.1 f/mL	-	-	1	-	-
77536-68-6	Asbestos, tremolite(Note: see also CAS No 132207-32-0, 12172-73-5 , 77536-66-4 77536-67-5, 12001-28-4 & 12001-29-5)	Carc. Cat. 1; R45 T; R48/23	T ; R: 45 - 48/23 , S: 53 - 45; Note: E	Conc>=10%; T; R45; R48/23 >=1%Conc<10%; T; R45; R48/20 >=0.1%Conc<1%; T; R45	Eu; A	Other forms (b)	0.1 f/mL	-	-	1	-	-
77889-90-8	5-(4-Chloro-2-nitro-phenylazo)-1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-pyridine-3-carbonitrile	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
78417-28-4	2,4,7-Decatrienoic acid, ethyl ester	Xi; R38 R43	Xi R: 38-43	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-
78491-02-8	Urea, N-[1,3-bis(hydroxymethyl)-2,5-dioxo-4-imidazolidinyl]-N,N'-bis(hydroxymethyl)- [Diazolidinyl urea; Germall II]	Xi; R43	Xi; R:43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-
78531-59-6	1-(4-(trans-4-Pentylcyclohexyl)phenyl)ethanone	R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
78531-60-9	1-(4-(trans-4-Heptylcyclohexyl)phenyl)ethane	R43	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
78531-61-0	4-(trans-4-Propylcyclohexyl)acetophenone	R43 R53	Xi; R43 S: 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
78587-05-0	Hexythiazox [trans-5-(4-Chlorophenyl)-N-cyclohexyl 4-methyl-2-oxo-3-thiazolidine-carboxamide]	N; R50-53	N ; R50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-
78850-37-0	Methyl (3aR,4R,7aR)-2-methyl-4-(1S,2R,3-triacetoxypropyl)-3a,7a-dihydro-4H-pyranol[3,4-dioxazole-6-carboxylate	Xi; R41	R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
79026-02-1	3-(2-[4-[2-(4-Cyanophenyl)vinyl]phenyl]vinyl)benzonitrile	R 53	R: 53 61	S:	Eu	-	-	-	-	-	-	-
79185-77-6	7a-Ethyl-3,5-bis(1-methylethyl)-2,3,4,5-tetrahydrooxazol[3,4-c]-2,3,4,5-tetrahydrooxazole	Xi; R38 N; R51-53	Xi; N R: 38-51/53 S: (2)-37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-
79200-56-9	(1R,4S)-2-Azabicyclo[2.2.1]hept-5-en-3-one	Xn; R22 Xi; R41 R43	Xn R: 22-41-43 S: (2)-24-26-37/39	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
79234-33-6	Chrysoline acetate [4-(Phenylazo)benzene-1,3-diamine acetate](Note: see also CAS No. 532-82-1, 75660-25-2, 63681-54-9, 83968-67-6 & 84196-22-5)	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-68-50/53 S: (2-23-26-36/37/39-46-60-61	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-	-
			Xn; N ; R: 50/53 - 63 S: (2/29 - 36/37 - 46 - 60 - 61	Conc>=5%; Xn; R63	Eu	-	-	-	-	-	-	-	-
			Xn R: 14-42/43-48/22 S: (2-22-30-35-36/37-45	Conc>=10%; Xn; R48/22; R42/43 >=1%Conc<10%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
79277-27-3	Thiensiulfuron-methyl	N; R50-53	N 50/53 S: 60-61	R:	Eu	-	-	-	-	-	-	-	-
			Xn; R: 22 - 52/53 , S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
79456-26-1	3-Chloro-5-(trifluoromethyl-2-pyridyl)amine	Xn; R22 R52-53	Xi	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			Xn; N R: 48/22-50/53 S: (2-22-36-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
79568-06-2	(3-Aminophenyl)pyridin-3-ylmethanone (1S-cis)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine 2-hydroxy-2-phenylacetate	Xn; R48/22 N; R50-53	Xi; N R: 41-50/53 S: (2-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			Xn; N R: 48/22-50/53 S: (2-22-36-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
79617-97-3		Xi; R41 R52-53	Xi R: 41-52/53 S: (2-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			Xn; N R: 48/22-50/53 S: (2-22-36-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
79622-59-6	Fluazinam	T; R23; R48/24 Xi; R41 R43	T; R: 23 - 41 - 43 - 48/24	Conc>=25%; T; R48/24; R23; R41; R43 >=10%Conc<25%; T; R48/24; R20; R41; R43 >=5%Conc<10%; Xn; R48/21; R20; R36; R43 >=3%Conc<5%; Xn; R48/21; R20; R43 >=1%Conc<3%; Xn; R48/21; R43	V	-	-	-	-	-	-	-	-
			T; N R: 25-48/22-50 S: (1/2-25-36-45-61	Conc>=25%; T; R25; R48/22 >=10%Conc<25%; Xn; R22; R48/22 >=3%Conc<10%; Xn; R22	Eu	-	-	-	-	-	-	-	-
79723-02-7	Tetramethylammonium hydrogen plthalate	Repr. Cat. 3; R62 Xn; R48/22 R43	Xn; R: 43 - 48/22 - 62 S: (2/22 - 25 - 26 - 36/37	Conc>=10%; Xn; R62; R48/22; R43 >=5%Conc<10%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			N R: 51/53 S: 61	Conc>=25%; T; R25; R48/22 >=10%Conc<25%; Xn; R22; R48/22 >=3%Conc<10%; Xn; R22	Eu	-	-	-	-	-	-	-	-
79815-20-6	(S)-2,3-Dihydro-1H-indole-2-carboxylic acid	Xi R43	Xi R: 43 S: (2) - 22 - 36	Conc>=25%; Xi; R43 >=10%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			Xi R: 43 S: (2-22-24/25-26-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
79876-59-8	4-(3-Triethoxysilylpropoxy)-2-hydroxybenzophenone	N; R51-53	R: 51/53 S: 61	Conc>=25%; T; R25; R48/22 >=10%Conc<25%; Xn; R22; R48/22 >=3%Conc<10%; Xn; R22	Eu	-	-	-	-	-	-	-	-
			Xn; R: 22 - 48/22 S: (2) - 22 - 36	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
79944-37-9	trans-(5RS,6SR)-6-Amino-2,2-dimethyl-1,3-dioxepan-5-ol	R43	Xi R: 43 S: (2-22-24/25-26-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			Xn; R22 R43 N; R51-53	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
80060-09-9	Dialenthiuron	T; R23 Xn; R22-48/21/22	Xn; N ; R: 22 - 43 - 51/53 S: (2/24 - 37 - 61	Conc>=25%; T; R23; R22; R48/21/22 >=10%Conc<25%; Xn; R20; R48/21/22 >=3%Conc<10%; Xn; R20	V	-	-	-	-	-	-	-	-
			T R: 22-23-48/21/22	Conc>=25%; T; R23; R22; R48/21/22 >=10%Conc<25%; Xn; R20; R48/21/22 >=3%Conc<10%; Xn; R20	V	-	-	-	-	-	-	-	-
80370-57-6	Ceftiofur crystalline free acid [CCFA](Note: See also CAS No. 104010-37-9 & 103960-44-5)	Xi; R43	Xi; R: 43	Conc>=1%; Xi; R43	V	-	-	-	-	-	-	-	-
			Repr. Cat. 2; R61 R43 R52-53	Conc>=1%; T; R61; R43 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
80498-15-3	Laccase	R42	Xn R: 42 S: (2-23-45	Conc>=1%; Xn; R42	Eu	-	-	-	-	-	-	-	-
			Xi; N; R: 38 - 51/53 S: (2/37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
80693-00-1	3,9-Bis(2,6-di-tert-butyl-4-methylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5,5]undecane	R53	R:53 S: 61		Eu	-	-	-	-	-	-	-	-
81334-34-1	2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridine carboxylate [Imazapyr]	Xi: R36 R52-53	Xi: R: 36 - 52/53, S: (2) - 26 - 61	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-	-
81335-77-5	Imazethapyr	Xi: R36/38	Xi: R: 36/38	Conc>=20%; Xi: R36/38	V	-	-	-	-	-	-	-	-
81406-37-3	Fluoroxypyr -methyl (ISO) [Methylheptyl, O-((4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate)[(Note: see also CAS No.154486-27-8)	N: R50-53	N: R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
81591-81-3	Glyphosate-trimesium [Glyphosate-trimethylsulfonium]	Xn: R22 N: R51-53	Xn: N: R: 22 - 51/53 S: (2)/36/37 - 46 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-	-
81752-87-6	Methyl 2,2-dimethyl-6-methylenecyclohexanecarboxylate	Xi: R38	R: 38 S: (2)/37	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-	-
81777-89-1	Clomazone	Xn: R20/22	Xn: R: 20/22	Conc>=25%; Xn: R20/22	V	-	-	-	-	-	-	-	-
81880-96-8	(4-Hydrazinophenyl)-N-methylmethanesulfonamide hydrochloride	Muta. Cat. 3: R68 T: R25-48/25 R43 N: R50-53	T: N: R: 25 - 43 - 48/25 - 68 - 50/53 S: (1/2) - 22 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T: R68; R25: R48/25; R43 >=10%Conc<25%; T: R68; R22: R48/25; R43 S: (1/2) - 22 - 36/37/39 - 45 - >=3%Conc<10%; Xn: R68; R22: R48/22; R43 >=1%Conc<3%; Xn: R68; R48/22; R43	Eu	-	-	-	-	-	-	-	-
81898-60-4	Tetrasodium 3,3'-(piperazine-1,4-diybis(6-chloro-1,3,5-triazine-4,2-dyl)imino(2-acetamido)-4,1-phenyleneazo)bis(naphthalene-1,5-disulphonate)	Xi: R43	Xi: R: 43 , S: (2) - 22 - 24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
81992-66-7	Sodium 2-[[4-[(4,6-dichloro-1,3,5-triazin-2-yl)aminophenyl]sulfonyl]ethyl sulfate	R43 N: R50-53	R: 43-50/53 S: (2)/22-24-37-60-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
82027-60-9	Hexasodium [4,4"-azobis(2,2-disulfonatostilbene-4,4'-diylazo)]-bis[5'-sulfonato benzene-2,2'-diolato-O(2),O(2),N(1)]-copper(II)	N: R51-53	N: R: 51/53, S: 61		Eu	-	-	-	-	-	-	-	-
82097-50-5	Triasulfuron [1-[2-(2-Chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea]	N: R50-53	N: R: 50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
82380-18-5	2-Fluoro-4-hydroxybenzonitrile	Xn: R22 Xi: R41 N: R51-53	Xn: N R: 22-41-51/53 S: (2)/22-26-39-61	Conc>=25%; Xn: R22; R41 >=10%Conc<25%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
82413-20-5	(E)-3-[1-[4-[2-(Dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol	Carc. Cat. 3: R40 Repr. Cat. 2: R60 R43 N: R50-53	T: N R: 60-40-43-50/53 S: 53-45-60-61		Eu	-	-	-	-	-	-	-	-
82568-50-7	N-[3-(1-Ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide	R53	R:53, S: 61		Eu	-	-	-	-	-	-	-	-
82560-06-3	3-(3-Methylpent-3-yl) isoxazol-5-ylamine	T: R23/25 Xi: R41 R52-53	T: R: 23/25 - 41 - 52/53, S: (1/2) - 22 - 26 - 36/37/39 - 45 - 61	Conc>=25%; T: R23/25; R41 >=10%Conc<25%; Xn: R20/22; R41 >=5%Conc<10%; Xn: R20/22; R36 >=3%Conc<5%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
82560-54-1	Benfuracarb (ISO) [Ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy]carbonyl(methyl)aminothio]N-isopropyl-beta-alaninate]	Repr. Cat. 3: R62 T: R23 Xn: R22 N: R50-53	T: N R: 22-23-62-50/53 S: (1/2)-36/37-45-60-61	Conc>=25%; T: R62; R23; R22 >=5%Conc<25%; Xn: R62; R20 >=3%Conc<5%; Xn: R20 Conc>=25%; T: R25; R41; R43 >=10%Conc<25%; Xn: R22; R41; R43 >=5%Conc<10%; Xn: R22; R36; R43 S: (1/2)-22-26-36/37/39-45-60-61	Eu	-	-	-	-	-	-	-	-
82633-79-2	2,3,5,6-Tetrahydro-2-methyl-2H-cyclopenta[d]-1,2-thiazol-3-one	T: R25 Xi: R41 R43 N: R50-53	T: N R: 25-41-43-50/53 S: (1/2)-22-26-36/37/39-45-60-61		Eu	-	-	-	-	-	-	-	-
82657-04-3	Bifenthrin	T: R25	T: R: 25	Conc>=25%; T: R25 >=3%Conc<25%; Xn: R22	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
82857-68-9	1-Chloro-N,N-diethyl-1,1-diphenyl-1-(phenylmethyl)phosphoramine	T; R25 Xi; R41 N; R51-53	T; N; R: 25 - 41 - 51/53 S: (1/2) - 26 - 37/39 - 41 - 45 - 61	Conc>=25%; T; R25; R41 >=10%Conc<25%; Xn; R22; R41 >=5%Conc<10%; Xn; R22; R36 >=3%Conc<5%; Xn; R22	Eu	-	-	-	-	-	-	-	-
		Xn; R22 R43 N; R51-53	Xn; N R: 22-43-51/53 S: (2/24-37-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
82911-69-1	(2,5-Dioxopyrrolidin-1-yl)-9H-fluoren-9-ylmethyl carbonate	Xi; R41 N; R51-53	Xi; N; R: 41 - 51/53 S: (2) - 24 - 26 - 39 - 61	Conc>=10%; Xi; R41	Eu	-	-	-	-	-	-	-	-
		Xn; R22 C; R34 R52-53	C; R: 22 - 34 - 52/53 S: (1/2) - 23 - 26 - 36/37/39 - 45 - 61	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
83055-99-6	Methyl alpha-(4,6-dimethoxy)pyrimidin-2-yl)ureidosulphonyl-o-toluate	Xi; R43 N; R51-53	Xi; N; R: 43 - 51/53 S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		R10 R14											
83164-39-4	2-(Isocyanatosulfonylmethyl)benzoic acid methyl ester; (alt.): methyl 2-(isocyanatosulfonylmethyl)benzoate	Muta. Cat. 3; R68 Xn; R20-48/22 Xi; R41 R42	Xn R: 10 - 14 - 20 - 41 - 42 - 48/22 - 68 S: (2/23 - 26 - 36/37/39	Conc>=25%; Xn; R20; R48/22; R68; R41; R42 >=10%Conc<25%;Xn; R48/22; R68; R41; R42 >=5%Conc<10%;Xn; R48/22; R68; R42; R36 >=1%Conc<10%;Xn; R68; R42	Eu	-	-	-	-	-	-	-	-
		R52-53	R52/53; S: 61		Eu	-	-	-	-	-	-	-	-
83372-55-8	N,N'-1,4-Phenylenebis(2-((2-methoxy-4-nitrophenyl)azo)-3-oxobutanamide	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
		Xn; R48/22 Xi; R41 R43	Xn; R: 41 - 43 - 48/22 S: (2/22 - 26 - 36/37/39	Conc>=10%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
83623-61-4	((4-Phenylbutyl)hydroxyphosphoryl)acetic acid	R43 R53	R: 43-53 S: (2/24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R22	Xn; R: R: 22	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
83708-14-9	3-Icosyl-4-henicosylidene-2-oxetanone	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
83846-83-7	Ketanserin tartrate [3-12-[4-(4-Fluorobenzoyl)piperidino]ethyl]quinazoline-2,4(1H,3H)-dione [R (R*,R'*) tartrate]	Xn; R48/22	Xn; R: 48/22	Conc>=10%; Xn; R48/22	V	-	-	-	-	-	-	-	-
		R43	Xi; N R: 43 - 51/53 S: (2/24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
83857-96-9	2-Butyl-4-chloro-5-formylimidazole	R43 N; R51-53	Xi; N R: 43 - 51/53 S: (2/24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
83918-57-4	(+-)-1-[2-(Allyloxy)ethyl-2-(2,4-dichlorophenyl)]-1H-imidazolium hydrogen sulphate [Imazail sulphate aqueous solution (ISO)](Note: see also CAS No. 58594-72-2)	Xn; R22 C; R34 R43 N; R50-53	C; N R: 22-34-43-50/53 S: (2/26-36/37/39-45-60-61	Conc>=50%; C; R34; R22; R43 >=30%Conc<50%; Xn; R22; R38; R41; R43 >=25%Conc<30%; Xn; R22; R41; R43 >=15%Conc<25%; Xi; R41; R43 >=5%Conc<15%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Xn; R22 R43 N; R50-53	Xn; N R: 22-43-50/53 S: (2/24/25-37-46-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
83926-73-2	4-Cyclohexyl-2-methyl-2-butanol	Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2/26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
83968-67-6	Chrysoidine dihydrochloride [4-(Phenylazo)benzene-1,3-diamine dihydrochloride](Note: see also CAS No. 532-82-1, 75660-25-2, 79234-33-6, 63681-54-9 & 84196-22-5)	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-68-50/53 S: (2/23-26-36/37/39-46-60-61	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
84030-86-4	Esbiothrin [(RS)-3-allyl-2-methyl-4-oxocyclopent-2-enyl (1R, 3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)oxypropanecarboxylate](Note: see also CAS 584-79-2 & 28434-00-6)	Xn; R20/22 N; R50-53	Xn; N ; R: 20/22 - 50/53, S: (2) - 36 - 60 - 61 Note: C	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
84057-97-6	Sodium 1-amino-4-[2-methyl-5-(4-methylphenyl)sulfonylamino]phenylamino]-anthraquinone-2-sulfonate	N; R51-53	N ; R: 51/53, S: 61	-	Eu	-	-	-	-	-	-	-	-
84087-01-4	3,7-Dichloroquinoline-8-carboxylic acid	Xi; R43	Xi; R: 43 , S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
84145-37-9	2(or 3)-Methylbutyl acetate(Note: see also CAS No 123-92-2, 626-38-0, 624-41-99 & 628-63-7)	R10 R66	R: 10 - 66, S: (2) - 23 - 25; Note: C	-	Eu; A	-	-	-	-	-	-	-	-
84196-22-5	Chrysoline sulfate [Bis[4-(phenylazo)benzene-1,3-diamine] sulfate](Note: see also CAS No. 532-82-1, Xi; R38-41 S: (2)-(23-26-36/37/39-46-60-61	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41 N; R50-53	Xn; N R: 22-38-41-68-50/53 S: (2)-(23-26-36/37/39-46-60-61	Conc>=25%; Xn; R68; R22; R38; R41 >=20% Conc<25%; Xn; R68; R38; R41 >=10% Conc<20%; Xn; R68; R41 >=5% Conc<10%; Xn; R68; R36 >=1% Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-	-
84245-12-5	N-[6,9-Dihydro-9-[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-ylacetamide	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61	T R: 45-46-60-61 S: 53-45	Conc>=0.5%; T; R45; R46; R60; R61 >=0.1% Conc<0.5%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
84268-08-6	Hexane-1,6-diyl bis(3-(3-benzotriazol-2-yl-5-tert-butyl-4-hydroxyphenyl)proprionate)	R53	R53, S: 61	-	Eu	-	-	-	-	-	-	-	-
84332-86-5	Chlorzinate (ISO) [Ethyl (RS)-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-oxazolidine-5-carboxylate]	Carc. Cat. 3; R40 N; R51-53	Xn; N ; R: 40 - 51/53 S: (2)36/37 - 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
84563-48-5	1,4-Bis[2-(vinyl-oxy)ethoxy] benzene	N; R50-53	N ; R: 50/53, S: 60 - 61	-	Eu	-	-	-	-	-	-	-	-
84650-02-2	Distillates (coal tar), benzole fraction [Light oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
84650-03-3	Distillates (coal tar), light oils [Carbolic Oil](Note: A complex combination of hydrocarbons obtained by distillation of coal tar. It consists of aromatic and other hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills at the approximate range of 150 °C to 210 °C (302 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
84650-04-4	Distillates (coal tar), naphthalene oils [Naphthalene Oil](Note: A complex combination of hydrocarbons obtained by the distillation of coal tar. It consists primarily of aromatic and other hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills in the approximate range of 200 °C to 250 °C (392 °F to 482 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
84776-36-3	Fatty acids, C8-18 and C18-unsaturated, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5% Conc<25%; T; R40; R61; R62; R68; R33 >=1% Conc<5%; T; R40; R61; R68; R33 >=0.5% Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
84777-06-0	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (Note: see also CAS No. 131-18-0; 605-50-5 and n-Pentylisopentylphthalate)	Repr. Cat. 2; R60-61 N; R50	T; N R: 60-61-50 S: 53-45-61	Conc>=0.5%; T; R60; R61	Eu	-	-	-	-	-	-	-	-
84793-24-8	N-[1-(S)-Ethoxycarbonyl-3-phenylpropyl]-L-alanyl-L-carboxyanhydride	Xi; R41 R43	Xi R: 41-43 S: (2)-(22-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
84852-15-3	4-Nonylphenol, branched (Note: see also CAS No. 25154-52-3)	Repr. Cat.3; R62 Repr. Cat.3; R63 Xn; R22 C; R34 N; R50-53	C; N R: 22-34-62-63-50/53 S: (1/2)-(26-36/37/39-45-46-60-61	Conc>=25%; C; R62; R63; R34; R22 >=10% Conc<25%; C; R62; 63; R34 >=5% Conc<10%; Xn; R62; R63; R36/38	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
84989-12-8	Extract oils (coal), acidic, tar-base free [Methylnaphthalene Oil Extract Residue](Note: The extract oil boiling in the range of approximately 220 °C to 265 °C (428 °F to 509 °F) from coal tar alkaline extract residue produced by an acidic wash such as aqueous sulfuric acid after distillation to remove tar bases. Composed primarily of alkyl(naphthalenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
85029-51-2	Distillates (coal), coke-oven light oil, naphthalene cut [Naphthalene Oil](Note: The complex combination of hydrocarbons obtained from prefractionation (continuous distillation) of coke oven light oil. It consists predominantly of naphthalene, coumarone and indene and boils above 148 °C (298 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
			T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
85116-53-6	Distillates (petroleum), hydrodesulfurized thermal cracked middle	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
			Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
85116-55-8	Kerosine (petroleum), hydrodesulfurized thermal cracked [Cracked kerosine]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
			Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
85116-57-0	Naphtha (petroleum), catalytic reformed hydrodesulfurized heavy, arom. fraction [Kerosene unspecified]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
85116-58-1	Distillates (petroleum), catalytic reformed hydrotreated light, C8-12 arom. fraction [Low boiling point cat-reformed naphtha](Note: A complex combination of alkylbenzenes obtained by the catalytic reforming of petroleum naphtha. It consists predominantly of alkylbenzenes having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 160 °C to 180 °C (320 °F to 356 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
85116-59-2	Naphtha (petroleum), catalytic reformed light, arom.-free fraction [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons remaining after removal of aromatic compounds from catalytic reformed light naphtha in a selective absorption process. It consists predominantly of paraffinic and cyclic compounds having carbon numbers predominantly in the range of C5 to C8 and boiling in the range of approximately 66 °C to 121 °C (151 °F to 250 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
85116-60-5	Naphtha (petroleum), hydrodesulfurized thermal cracked light [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by fractionation of hydrodesulfurized thermal cracker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 to C11 and boiling in the range of approximately 23 °C to 195 °C (73 °F to 383 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Naphtha (petroleum), hydrotreated light, cycloalkane-contg. [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained from the distillation of a petroleum fraction. It consists predominantly of alkanes and cycloalkanes boiling in the range of approximately -20 °C to 190 °C (-4 °F to 374 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
85116-61-6	Gas oils (petroleum), hydrosulfurized coker heavy vacuum [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
85117-03-9	6-Hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile	Carc. Cat. 2; R45 R53	T ; R: 45 - 53 S: 53 - 45 - 61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
85136-74-9	Hexasodium 6,13-dichloro-3,10-bis[(4-(2,5-disulfonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)prop-3-ylamino]-5,12-dioxo-7,14-diazapentacene-4,11-disulfonate	Xn; R42/43	Xn ; R: 42/43 , S: (2) - 22 - 24 - 37	Conc>=1%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
85153-92-0	Disodium 1-amino-4-(4-benzenesulfonamido-3-sulfonatoanilino)anthraquinone-2-sulfonate	Xi; R41 R52-53	Xi ; R: 41 - 52/53 , S: (2) - 26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
85153-93-1	Chrysoline C10-14-alkyl derivatives [Benzenesulfonic acid, mono-C10-14-alkyl derivatives, compounds with 4-(phenylazo)-1,3-benzenediamine](Note: see also CAS No. 94247-67-3)	Muta. Cat. 3; R68 Xn; R22 Xi; R38-41	Xn R: 22-38-41-68 S: (2)-23-26-36/37/39-46	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-	-
85407-90-5	Benzenesulfonic acid, mono-C10-13-alkyl derivatives, ammonium salts	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
85480-54-2	Benzenesulfonic acid, mono-C10-13-alkyl derivatives, Xn; R22	Xn; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
85480-55-3	Benzenesulfonic acid, mono-C10-13-alkyl derivatives, Xn; R22	Xn; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
85480-57-5	Benzenesulfonic acid, mono-C10-13-alkyl derivatives, Xn; R22	Xn; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
85491-26-5	(Chloromethyl)bis(4-fluorophenyl)methylsilane	N; R51-53	N ; R: 51/53 , S: 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
85509-19-9	Flusilazole (ISO) [Bis(4-fluorophenyl)(methyl)(1H-1,2,4-triazol-1-ylmethyl)silane]	Carc. Cat. 3; R40 Repr. Cat. 2; R61 Xn; R22 N; R51-53	T ; N ; R: 61 - 22 - 40 - 51/53 S: 53 - 45 - 61 ; Note: E	Conc>=25%; T; R61; R40; R22 >=1%Conc<25%; T; R61; R40 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
85535-84-8	Alkanes, C10-13, chloro [Chlorinated paraffins, C10-13]	Carc. Cat. 3; R40 R66 N; R50-53	Xn; N R: 40-66-50/53 S: (2)-24-36/37-46-60-61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
85535-85-9	Alkanes, C14-17, chloro [Chlorinated paraffins, C14-17]	R64 R66 N; R50-53	N R: 64-66-50/53 S: (2)-24-60-61	Conc>=1%; Xn; R64	Eu	-	-	-	-	-	-	-	-
85536-17-0	Solvent naphtha (coal), light [Light Oil Redistillate, low boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
85536-19-2	Solvent naphtha (coal), coumarone-styrene contg. [Light Oil Redistillate, intermediate boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
85536-20-5	Solvent naphtha (coal), xylene-styrene cut [Light Oil Redistillate, intermediate boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
85665-96-9	Hexasodium 7-(4-(4-(4-(2,5-disulphonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)-2-methylphenylazo)-7-sulphonatonaphthylazo)naphthalene-1,3,5-trisulphonate	Xi; R43	Xi ; R: 43 , S: (2) - 22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
85665-97-0	Tetrasodium 5-benzamido-3-(5-(4-fluoro-6-(1-sulphonato-2-naphthylamino)-1,3,5-triazin-2-ylamino)-sulphonatophenylazo)-4-hydroxynaphthalene-2,7-disulphonate [C.I. Reactive red 220]	Xi; R36/38 R43	Xi ; R: 36/38 - 43 , S: (2) - 22 - 24/25 - 37	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
85665-98-1	Tetrasodium 4-amino-3,6-bis(5-(4-chloro-6-(2-hydroxyethylamino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxynaphthalene-2,7-disulfonate	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
85702-90-5	S-(3-(Trimethoxysilyl)propyl 19-isocyanato-11-(6-isocyanatoheptyl)-10,12-dioxo-2,9,11,13-tetraazanonadecanethioate	R10 Xn; R42/43	Xn ; R: 10 - 42/43 , S: (2) - 23 - 24 - 37	Conc>=1%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
85954-11-6	2,2'-(3,3',5,5'-Tetramethyl(1,1'-biphenyl)-4,4'-diyl)-bis(oxyethylene))-bis-oxirane	Carc. Cat. 3; R40 R43	R: 40-43 S: (2)-22-36/37	Conc>=1%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
86273-46-3	2-Propenoic acid, 2-[2-(ethenyl)oxy]ethoxylethyl ester	Xn; R22 R43	Xn R: 22-43	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	N	-	-	-	-	-	-	-	-
86290-81-5	Gasoline [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons consisting primarily of paraffins, cycloparaffins, aromatic and olefinic hydrocarbons having carbon numbers predominantly greater than C3 and boiling in the range of 30 °C to 260 °C (86 °F to 500 °F).)	Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
86386-76-6	2,4-Difluoro-alpha-(1H-1,2,4-triazol-1-yl)acetophenone hydrochloride	Xn; R22 Xi; R41 R43	Xn ; R: 22 - 41 - 43 S: (2) - 22 - 26 - 36/37/39	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
86393-33-1	7-Chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid	Xn; R22 R52-53	Xn ; R: 22 - 52/53, S: (2) - 22 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
86393-34-2	3,5-Isobutyl-5-fluorobenzoylchloride	Xi; R37/38-41 R43 R52-53	Xi R: 37/38-41-43-52/53 S: (2)-24-26-37/39-61	Conc>=20%; Xi; R37/38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
86393-35-3	Disodium 6-((4-chloro-6-(n-methyl)-2-toluidino)-1,3,5-triazin-2-ylamino)-1-hydroxy-2-(4-methoxy-2-sulphonatophenylazo)naphthalene-3-sulphonate	Xi; R43	Xi ; R: 43 , S: (2) - 22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
86403-32-9	Mixture of: 2,2,6,6-tetramethylpiperidin-4-yl-hexadecanoate and 2,2,6,6-tetramethylpiperidin-4-yl-octadecanoate	Xi; R41 R43 N; R50-53	Xi; N R: 41-43-50/53 S: (2)-24-26-37/39-60-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
86552-32-1	(4-Phenylbutyl)phosphinic acid	Carc.Cat.3; R40 Xi; R41	Xn R: 40-41 S: (2)-23-26-36/37/39	Conc>=10%; Xn; R40; R41 >=5%Conc<10%; Xn; R40; R36 >=1%Conc<5%; Xn; R40	Eu	-	-	-	-	-	-	-	-
86608-70-0	2-(1,3-Dioxolan-2-yl)ethyl(triphenyl)phosphonium bromide	Xn; R22 Xi; R41 R33 R52-53	Xn ; R: 22 - 33 - 41 - 52/53 , S: (2) - 22 - 26 - 39 - 61	Conc>=25%; Xn; R22; R41; R33 >=10%Conc<25%; Xn; R41; R33 >=5%Conc<10%; Xn; R36; R33 >=1%Conc<5%; Xn; R33	Eu	-	-	-	-	-	-	-	-
86978-24-7	(Z)-2-(2-(t-Butoxycarbonylamino-4-thiazolyl)pent-2-enoic acid	Xn; R22	Xn R: 22 S: (2)-22	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
87025-52-3	Mixture of pentyl methylphosphinate and 2-methylbutyl methylphosphinate	C; R34	C ; R: 34 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
87113-76-8	3,5-Bis(3,5-di-tert-butyl-4-hydroxy-benzyl)-2,4,6-trimethylphenol	R52-53	R:52/53 S: 61		Eu	-	-	-	-	-	-	-	-
87172-89-2	Exo-4-isopropyl-1-methyl-1,4-epoxycyclohexan-2-ol [Exo-1-methyl-4-(1-methylethyl)-7-oxabicyclo[2.2.1]heptan-2-ol]	Xn; R22 Xi; R41	Xn R: 22 - 41 S: (2) - 26 - 39	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
87199-17-5	4-Formylphenylboronic acid	R43	Xi R: 43 S: (2-24)-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
87237-48-7	2-Ethoxyethyl 2-(4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy)propionate [Haloxypop-(2-ethoxyethyl)] (ISO)]	Xn; R22, N; R50-53	Xn; N; R: 22 - 50/53, S: (2) - 22 - 36 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
87333-22-0	Methyl 2-(acetylamino)-3-chloropropionate	R43 N; R50-53	Xi; N R: 43-50/53 S: (2-24)-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
87392-12-9	S-Metachlor. A mixture of (S)-2-chloro-N-(2-ethyl-6-methyl-phenyl)-N-(2-methoxy-1-methyl-ethyl)-acetamide (80-100%) and (R)-2-chloro-N-(2-ethyl-6-methyl-phenyl)-N-(2-methoxy-1-methyl-ethyl)-acetamide (0-20%) (CAS No. 178961-20-1)	R43 R50-53	Xi; N R: 43-50/53 S: (2-24)-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
87460-09-1	Benzyl [hydroxy-(4-phenylbutyl)phosphinyl] acetate	Xi; R41	Xi R: 41 S: (2-26)-36/39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
87691-88-1	3-(Piperazin-1-yl)-benzo[d]isothiazole hydrochloride	Repr. Cat. 3; R62 Xn; R22 Xi; R36 R43 N; R50-53	Xn; N R: 22-36-43-62-50/53 S: (2-22-26-36/37/39-60-61	Conc>=25%; Xn; R62; R22; R36; R43 >=20%Conc<25%; Xn; R62; R36; R43 >=5%Conc<20%; Xn; R62; R43 =1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
87731-18-8	Cyclooct-4-en-1-yl methyl carbonate	Xi; R43	Xi; R: 43, S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
87741-01-3	Hydrocarbons. C4 [Petroleum gas]	F+; R12 R: 45-46-12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-
87787-67-5	7,7-Dimethyl-3-oxa-6-azaocan-1-ol	C; R35 Xn; R22	C; R: 22 - 35 , S: (1/2) - 26 - 28 - 36/37/39 - >=5%Conc<10%; C; R34 45	Conc>=25%; C; R35; R22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-
87818-31-3	Exo-(+)-1-methyl-2-(2-methylbenzyloxy)-4-isopropyl-7-oxabicyclo(2.2.1)heptane	Xn; R20 N; R51-53	Xn; N; R: 20 - 51/53 , S: (2) - 23 - 61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-
88122-99-0	Tris(2-Ethylhexyl)-4,4',4''-(1,3,5-triazine-2,4,6-triyltrinitro)trifluorozate	R53	R: 53 S: 61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-
88128-57-8	2-(3-Chloropropyl)-2,5,5-trimethyl-1,3-dioxane	Xn; R48/22 R52-53	Xn R: 48/22-52/53 S: (2-23)-25-36-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-
88150-62-3	3-Ethyl 5-methyl 2-(2-aminoethoxymethyl)-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate	T; R25 Xn; R48/22 Xi; R41 N; R50-53	T; N R: 25-41-48/22-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; T; R25; R48/22; R41 >=10%Conc<25%;Xn; R22; R48/22; R41 >=5%Conc<10%;Xn; R22; R36 >=3%Conc<5%;Xn; R22	Eu	-	-	-	-	-	-	-
88230-35-7	Mixture of: 1-hexyl acetate; 2-methyl-1-pentyl acetate; 3-methyl-1-pentyl acetate; 4-methyl-1-pentyl acetate and other mixed linear and branched C6-alkyl acetates	N R: 51/53 S: 61	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-
88377-66-6	Tetradecylammonium-bis(1-(5-chloro-1-oxido)phenylazo)-2-naphtholato)chromate(1-)	Xn; R48/22 R53	Xn; R: 48/22 - 53 , S: (2) - 22 - 36 - 61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-
88558-41-2	2-(3-Iodoprop-2-yn-1-yloxy)ethyl phenylcarbamate	Xn; R20 Xi; R41 R52-53	Xn; R: 20 - 41 - 52/53, S: (2) - 22 - 26 - 39 - 61	Conc>=25%; Xn; R20; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
88671-89-0	Myclobutanil [2-(4-Chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanetriole]	Repr. Cat. 3; R63 Xn; R22 Xi; R36 N; R51-53	Xn; N; R: 22 - 36 - 63 - 51/53, S: (2) - 36/37 - 46 - 61	Conc>=25%; Xn; R63; R22; R36 >=20%Conc<25%; Xn; R63; R36 >=5%Conc<20%; Xn; R63	Eu	-	-	-	-	-	-	-
88784-33-2	(2S)-5-(Benzyloxy)-2-(1,3-dioxo-1,3-dihydro-2H-isindol-2-yl)-5-oxopentanoic acid	Xi R: 36 S: (2-26)	Xi S: (2)-26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
			Xi R: 38-41-43 S: (2-24)-26-37/39	Conc>=20%: Xi; R38; R41; R43 >=10%Conc<20%: Xi; R41; R43 >=5%Conc<10%: Xi; R36; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
88805-65-6	Ethyl 3-hydroxy-5-oxo-3-cyclohexene-1-carboxylate	Xi; R38-41 R43											
88918-84-7	(4-Aminophenyl)-N-methylmethylen-sulfonamide hydrochloride	Xi; R41 R43 N; R51-53	Xi; N; R: 41 - 43 - 51/53, S: (2) - 24 - 26 - 37/39 - 61 N R: 51/53 S: 61	Conc>=10%: Xi; R41; R43 >=5%Conc<10%: Xi; R36; R43 >=1%Conc<5%: Xi; R43	Eu	-	-	-	-	-	-	-	-
88938-23-2	2-Phenoxyethyl 4-aminobenzoate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
88938-37-8	2-Phenoxyethyl 4-((5-cyano-1,6-dihydro-2-hydroxy-1,4-dimethyl-6-oxo-3-pyridinyl)azo)benzoate	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
89114-90-9	4-(2,2-Diphenylethenyl)-N,N-di-phenylbenzenamine	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
89331-94-2	6'-(Diethylamino)-3'-methyl-2'-(phenylamino)spiro[sobenzofuran-1(3H)-9-(9H)-xanthen]-3-one	R 52-53	R: 52/53 S:61		Eu	-	-	-	-	-	-	-	-
89392-03-0	Phenyl N-(4-(6-dimethoxypyrimidin-2-yl)carbamate	R43 N; R51-53	Xi; N R:43 - 51/53 S:(2/24 - 37 - 61	Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
89402-43-7	5-Chloro-2,3-difluoropyridine	R10 Xn; R22 R52-53	Xn R: 10 - 22 - 52/53 S: (2/23 - 36 - 61	Conc>=25%: Xn; R22	Eu	-	-	-	-	-	-	-	-
89415-87-2	1,3-Dichloro-5-ethyl-5-methylimidazolidine-2,4-dione	O; R8 T; R23 C; R34 Xn; R22 R43 N; R50	O; T; N R: 8-22-23-34-43-50 S: (1/2-18-26-36/37/39-45-61	Conc>=25%: T; R23; R34; R22; R43 >=10%Conc<25%: C; R34; R20; R43 >=5%Conc<10%: Xn; R20; R36/38; R43 >=3%Conc<5%: Xn; R20; R43 >=1%Conc<3%: Xi; R43	Eu	-	-	-	-	-	-	-	-
89544-40-1	2-(2,4-Dichlorophenyl)-1-((1H-1,2,4-triazol-1-yl)pent-4-en-2-ol	Xn; R22 Xi; R41 N; R51-53	Xn; N; R: 22 - 41 - 51/53, S: (2) - 26 - 39 - 61	Conc>=25%: Xn; R22; R41 >=10%Conc<25%: Xi; R41 >=5%Conc<10%: Xi; R36	Eu	-	-	-	-	-	-	-	-
89544-48-9	2-(2,4-Dichlorophenyl)-2-(2-propenyl)oxirane	Xi; R38 R43 N; R50-53	Xi; N; R: 38 - 43 - 50/53 S: (2/24 - 37 - 60 - 61	Conc>=20%: Xi; R38; R43 >=1%Conc<20%: Xi; R43	Eu	-	-	-	-	-	-	-	-
89604-92-2	2-Mercaptobenzothiazolyl-(Z)-(2-aminothiazol-4-yl)-2-(tert-butoxycarbonyl) isopropoxyiminoacetate	R 53	R: 53 S: 61	S: Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
89797-01-3	(Trisodium (2-((3-(6-(2-chloro-5-sulfonato)anilino)-4-(3-carboxypyridinio)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo)phenylmethylazo)-4-sulfonatobenzoato copper(3-)) hydroxide	E; R2 Xi; R43	E; Xi; R: 2 - 43 S: (2) - 22 - 24 - 35 - 37	Conc>=1%: Xi; R43	Eu	-	-	-	-	-	-	-	-
89797-03-5	Hexasodium 1,1'-[([1-amino-8-hydroxy-3,6-disulfonate-2,7-naphthalenediylbis(azo(4-sulfonate-1,3-phenyl)imino)[6-[(4-chloro-3-sulfonatophenyl)amino]-1,3,5-triazin-2,4-diy]])]bis[3-carboxypyridinium] dihydroxide	N; R51-53	N; R: 51/53 S: 22 - 61		Eu	-	-	-	-	-	-	-	-
90035-08-8	Mixture of cis-4-hydroxy-3-(1,2,3,4-tetrahydro-3-(4-(4-trifluoromethylbenzyloxy)phenyl)-1-naphthyl)coumarin and trans-4-hydroxy-3-(1,2,3,4-tetrahydro-3-(4-(4-trifluoromethylbenzyloxy)phenyl)-1-naphthyl)coumarin	T+; R26/27/28 T; R26/27/28 T+; R26/27/28 T; R48/23/24/25 - 50/53 S: (1/2) - 28 - 36/37/39 - 45 - 60 - 61	T+; N; R: 26/27/28 - 48/23/24/25 - 50/53 S: (1/2) - 28 - 36/37/39 - 45 - 60 - 61	Conc>=10%: T+; R26/27/28; R48/23/24/25 >=7%Conc<10%: T+; R26/27/28; R48/20/21/22 >=1%Conc<7%: T; R23/24/25; R48/20/21/22 >=0.1%Conc<1%: Xn; R20/21/22	Eu	-	-	-	-	-	-	-	-
90076-65-6	Lithium bis(trifluoromethylsulfonyl)imide	T; R24/25 Xn; R48/22 C; R34 R52-53	T R: 24/25-34-48/22-52/53 S: (1/2-22-26-36/37/39-45-61	Conc>=25%: T; R24/25; R34; R48/22 >=10%Conc<25%: C; R34; R21/22; R48/22 >=5%Conc<10%: Xn; R21/22; R36/38 >=3%Conc<5%: Xn; R21/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
90218-85-2		Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21	N								
				>=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25									
				>=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22									
90274-24-1	Benzonic acid, cadmium salt, basic	T; R25-48/23/25 Xn; R21	T R: 45-46-60-61-21-25-26-48/23/25	>=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22	N								
				>=0.5%Conc<1%; T; R45;									
				Conc>=25%; T; R48/23/25; R22; R36; R43									
90342-56-6	Dodecanoic acid, lead salt, basic	Xn; R22 Xi; R36 R43	T R: 45-46-60-61-21-25-26-48/23/25	>=20%Conc<25%; T; R48/23/25; R36; R43	V								
				>=10%Conc<20%; T; R48/23/25; R43									
				>=1%Conc<5%; T; R40; R61; R68; R33									
90357-53-2	N-[4-Cyano-3-trifluoromethylphenyl]methacrylamide	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	>=5%Conc<25%; T; R40; R61; R62; R68; R33	N								
				>=1%Conc<5%; T; R40; R61; R68; R33									
				>=0.5%Conc<1%; T; R61									
90388-09-3	Hexadecanoic acid, lead salt, basic	Xn; R48/22 N; R51-53	Xn; N R: 48/22-51/53 S: (2)-36-61	Conc>=10%; Xn; R48/22	Eu								
				Conc>=25%; T; R40; R61; R62; R68; R20/22; R33									
				>=5%Conc<25%; T; R40; R61; R62; R68; R33									
90388-15-1	9-Hexadecenoic acid, lead(2+) salt, (Z)-, basic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	>=1%Conc<5%; T; R40; R61; R68; R33	N								
				>=0.5%Conc<1%; T; R61									
				Conc>=25%; T; R40; R61; R62; R68; R20/22; R33									
90411-62-4	Hexanoic acid, 2-ethyl-, cadmium salt, basic	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	>=5%Conc<25%; T; R40; R61; R62; R68; R33	N								
				>=1%Conc<5%; T; R40; R61; R68; R33									
				>=0.5%Conc<1%; T; R61									
90459-51-1	Octadecanoic acid, lead salt, basic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	N								
				>=5%Conc<25%; T; R40; R61; R62; R68; R33									
				>=0.5%Conc<1%; T; R61									
90459-88-4	9-Octadecenoic acid, lead salt, basic, (Z)-3,9-Bis(2-(3-(3-tert-butyl)-4-hydroxy-5-methylphenyl)propionyloxy-1,1-dimethylethyl)-2,4,8,10-tetraoxaspiro[5.5]undecane	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33	N								
				>=5%Conc<25%; T; R40; R61; R62; R68; R33									
				>=1%Conc<5%; T; R40; R61; R68; R33									
90498-90-1		Xn; R21	Xn; R: 21; S: (2) - 36/37	Conc>=25%; Xn; R21	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
90529-78-5	Propanoic acid, cadmium salt, basic	Carc. Cat. 2; R45 Muta. Cat. 1; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21+25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
90583-65-6	Tetradecanoic acid, lead salt, basic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	>=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
90622-53-0	Alkanes, C12-26 branched and linear	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90622-55-2	Alkanes, C1-4, C3-rich [Petroleum gas]	F+; R12 R: 45-46-12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90640-80-5	Anthracene oil(Notes: R23 need not apply if it can be shown that the anthracene oil contains less than 8 % pyrene; R20 applies for anthracene oils containing > 1 % pyrene)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 T; R23 Xi; R38 R43	T R: 45-46-23-38-43	Conc>=25%; T; R45; R46; R23; R38; R43 >=20%Conc<25%; T; R45; R46; R20; R38; R43 >=3%Conc<20%; T; R45; R46; R20; R43 >=1%Conc<3%; T; R45; R46; R43 >=0.1%Conc<1%; T; R45; R46	N	-	-	-	-	-	-	-	-
90640-81-6	Anthracene oil, anthracene paste(Notes: R23 need not apply if it can be shown that the anthracene oil contains less than 8 % pyrene; R20 applies for anthracene oils containing > 1 % pyrene)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 T; R23 Xi; R38 R43	T R: 45-46-23-38-43	Conc>=25%; T; R45; R46; R23; R38; R43 >=20%Conc<25%; T; R45; R46; R20; R38; R43 >=3%Conc<20%; T; R45; R46; R20; R43 >=1%Conc<3%; T; R45; R46; R43 >=0.1%Conc<1%; T; R45; R46	N	-	-	-	-	-	-	-	-
90640-82-7	Anthracene oil, anthracene free(Notes: R23 need not apply if it can be shown that the anthracene oil contains less than 8 % pyrene; R20 applies for anthracene oils containing > 1 % pyrene)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 T; R23 Xi; R38 R43	T R: 45-46-23-38-43	Conc>=25%; T; R45; R46; R23; R38; R43 >=20%Conc<25%; T; R45; R46; R20; R38; R43 >=3%Conc<20%; T; R45; R46; R20; R43 >=1%Conc<3%; T; R45; R46; R43 >=0.1%Conc<1%; T; R45; R46	N	-	-	-	-	-	-	-	-
90640-84-9	Creosote oil, acenaphthene fraction [Wash Oil](Notes: A complex combination of hydrocarbons produced by the distillation of coal tar and boiling in the range of approximately 240 °C to 280 °C (464 °F to 536 °F). Composed primarily of acenaphthene, naphthalene and alkyl naphthalene.)	Carc. Cat. 2; R45	T R: 45 S: 53-45 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-85-0	Creosote oil, acenaphthene fraction, acenaphthene-free [Wash Oil Redistillate](Notes: The oil remaining after removal by a crystallization process of acenaphthene from acenaphthene oil from coal tar. Composed primarily of naphthalene and alkylnaphthalenes.)	Carc. Cat. 2; R45	T R: 45 S: 53-45 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-86-1	Distillates (coal tar), heavy oils [Heavy anthracene oil]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-87-2	Distillates (coal tar), light oils, acid exts. [Light Oil Extract Residues, high boiling](Notes: This oil is a complex mixture of aromatic hydrocarbons, primarily indene, naphthalene, coumarone, phenol, and o-, m- and p-cresol and boiling in the range of 140 °C to 215 °C (284 °F to 419 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
90640-88-3	Distillates (coal tar), light oils, alk. exts. [Alkaline Extract](Note: The aqueous extract from carbolic oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90640-89-4	Distillates (coal tar), naphthalene oils, alk. exts. [Alkaline Extract](Note: The aqueous extract from naphthalene oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90640-90-7	Distillates (coal tar), naphthalene oils, naphthalene-free, alk. exts. [Naphthalene Oil Extract Residue](Note: The oil remaining after the removal of phenolic compounds (tar acids) from drained naphthalene oil by an alkali wash. Composed primarily of naphthalene and alkyl naphthalenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90640-91-8	Distillates (petroleum), complex dewaxed heavy paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-92-9	Distillates (petroleum), complex dewaxed light paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-93-0	Distillates (petroleum), highly refined middle [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-94-1	Distillates (petroleum), solvent dewaxed heavy paraffinic, clay treated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-95-2	Hydrocarbons, C20-50, solvent dewaxed heavy paraffinic, hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-96-3	Distillates (petroleum), solvent dewaxed light paraffinic, clay treated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-97-4	Distillates (petroleum), solvent dewaxed light paraffinic, hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90640-98-5	Aromatic hydrocarbons C<=10, steam cracking, hydrotreated [Cracked kerosine]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
90640-99-6	Extract oils (coal), light oil [Acid Extract](Note: The aqueous extract produced by an acidic wash of alkali-washed carbolic oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-00-2	Extract oils (coal), naphthalene oils [Acid Extract](Note: The aqueous extract produced by an acidic wash of alkali-washed naphthalene oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-01-3	Extract residues (coal), light oil alk., acid ext. [Carbolic Oil Extract Residue](Note: The oil resulting from the acid washing of alkali-washed carbolic oil to remove the minor amounts of basic compounds (tar bases). Composed primarily of indene, indan and alkylbenzenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
90641-02-4	Extract residues (coal), light oil alk., disn. overheads [Light Oil Extract Residues, low boiling](Note: The first fraction from the distillation of aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oil boiling substantially below 145 °C (293 °F).Composed primarily of C7 and C8 aliphatic and aromatic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-03-5	Extract residues (coal), light oil alk., indene naphtha fraction [Light Oil Extract Residues, high boiling](Note: The distillate from aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oils, having an approximate boiling range of 155 °C to 180 °C (311 °F to 356 °F).Composed primarily of indene, indan and trimethylbenzenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-04-6	Extract residues (coal), naphthalene oil alk., disn. overheads [Naphthalene Oil Extract Residue](Note: The distillate from alkali-washed naphthalene oil having an approximate distillation range of 180 °C to 220 °C (356 °F to 428 °F). Composed primarily of naphthalene, alkylbenzenes, indene and indan.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-05-7	Extract residues (coal), naphthalene oil alk., disn. residues [Methylnaphthalene Oil Extract Residue](Note: The residue from the distillation of alkali-washed naphthalene oil having an approximate distillation range of 220 °C to 300 °C (428 °F to 572 °F). Composed primarily of naphthalene, alkylnaphthalenes and aromatic nitrogen bases.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-06-8	Extract residues (coal), tar oil alk., carbonated, limed [Crude Phenols](Note: The product obtained by treatment of coal tar oil alkaline extract with CO2 and CaO. Composed primarily of CaCO3, Ca(OH)2, Na2CO3 and other organic and inorganic impurities.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-07-9	Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90641-08-0	Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90641-09-1	Extracts (petroleum), light paraffinic distillate solvent, hydrotreated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
90641-11-5	Light oil (coal), semi-coking process [Fresh oil](Note: The volatile organic liquid condensed from the gas evolved in the low-temperature (less than 700 °C (1292 °F)) destructive distillation of coal. Composed primarily of C6-10 hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-12-6	Naphtha (coal), disn. residues [Light Oil Redistillate, high boiling](Note: The residue remaining from the distillation of recovered naphtha. Composed primarily of naphthalene and condensation products of indene and styrene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
90641-13-7	Naphtha (petroleum), steam cracked, hydrotreated, C9-10 arom. rich [Cracked kerosene]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
90657-55-9	trans-4-Cyclohexyl-L-proline monohydrochloride	Repr. Cat. 3; R62 Xn; R22 Xi; R38-41 R43	Xn; R: 22 - 38 - 41 - 43 - 62 S: (2)22 - 26 - 36/37/39	Conc>=25%; Xn; R62; R22; R38; R41; R43 >=20%Conc<25%; Xn; R62; R38; R41; R43 >=10%Conc<20%; Xn; R62; R41; R43 >=5%Conc<10%; Xn; R62; R38; R43 >=1%Conc<5%; Xi; R43	Eu								
90669-57-1	Pitch, coal tar, low temperature [Pitch residue]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; M	Conc>=0.1%; T; R45	Eu								-
90669-58-2	Pitch, coal tar, low temp., heat treated [Pitch residue, heat treated; Pitch residue, oxidised]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; M	Conc>=0.1%; T; R45	Eu								-
90669-59-3	Pitch, coal tar, low temp., oxidized [Pitch residue oxidized; Pitch residue]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; M	Conc>=0.1%; T; R45	Eu								-
90669-74-2	Residual oils (petroleum), hydrotreated solvent dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; L	Conc>=0.1%; T; R45	Eu								-
90669-75-3	Residues (petroleum), steam cracked, distillates [Heavy fuel oil]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu								-
90669-76-4	Residues (petroleum), vacuum, light [Heavy fuel oil]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu								-
90669-77-5	Slack wax (petroleum), acid treated [Slack wax]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; N	Conc>=0.1%; T; R45	Eu								-
90669-78-6	Slack wax (petroleum), clay treated [Slack wax]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; N	Conc>=0.1%; T; R45	Eu								-
90884-29-0	4,4'-Oxybis(ethylenethio)diphenol	Xi; R43 N; R51-53	Xi; N: R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu								-
90886-53-6	Methyl 3-amino-2,3-trimethylbutyrate	C: R34 Xn; R22 R52-53	R: 22-34-52/53 S: (1/2)-23-26-36/37/39-45-61	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu								-
90989-38-1	Aromatic hydrocarbons, C8 [Light Oil Redistillate, high boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu								-
90989-39-2	Aromatic hydrocarbons, C8-10 [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu								-
90989-41-6	Aromatic hydrocarbons, C6-10, C8-rich [Light Oil Redistillate, low boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu								-
90989-42-7	Aromatic hydrocarbons, C7-8, dealkylation products, distn. residues [Low boiling point naphtha — unspecified]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu								-
91079-47-9	Phenols, C9-11 [Distillate Phenols]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu								-
91082-50-7	Tar, coal, storage residues [Coal tar solids residue]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; M	Conc>=0.1%; T; R45	Eu								-
91082-52-9	Tar bases, coal, lutidine fraction [Distillate Bases]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu								-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
91082-53-0	Tar bases, coal, toluidine fraction [Distillate Bases]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91125-43-8	Sodium 2-(nonanoyloxy)benzenesulfonate	Xi; R41 R43	Xi R: 41-43 S: (2)-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
91273-04-0	N,N-Bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine	C; R34 R43 N; R51-53	C; N; R: 34 - 43 - 51/53 S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=10%; C; R34; R43 S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
91465-08-6	lambda-Cyhalothrin (ISO) [1:1Mixture of (S)-alpha-cyano-3-phenoxybenzyl(Z)-(1R)-dis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate and (R)-alpha-cyano-3-phenoxybenzyl (Z)-(1S)-dis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate]	T+; R26 Xn; R21 N; R50-53	T+; N R: 21-25-26-50/53 S: (1/2)-28-36/37/39-38-45-60-61	Conc>=25%; T+; R26; R25; R21 >=7%Conc<25%; T+; R26; R22 >=3%Conc<7%; T; R23; R22 >=1%Conc<3%; T; R23 >=0.1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
91671-82-8	Isodecanoic acid, lead(2+) salt, basic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
91671-83-9	Isocetanoic acid, lead(2+) salt, basic	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
91673-30-2	Formaldehyde, reaction products with butylphenol	Xi; R43	S: (2) - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
91696-66-1	Benzenesulfonic acid, 4-C10-14-alkyl derivatives, sodium salts	Xn; R22 Xi; R38-41	Xn R: 22-38-41 T; R: 45 S: 53 - 45 Notes: H ; M	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
91697-23-3	Extracts residues (coal), brown [Coal tar extracts]	Carc. Cat. 2; R45	T; R: 45 S: 53 - 45 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91697-35-7	Fatty acids, castor oil, hydrogenated, cadmium salts	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
91697-36-8	Fatty acids, castor oil, hydrogenated, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68 Xn; R: 65 S: (2) - 23 - 24 - 62 Note: H	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
91770-15-9	Kerosine (petroleum), sweetened [Kerosine unspecified]	Xn; R65	Xn; R: 65 S: (2) - 23 - 24 - 62 Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
91770-57-9	Residual oils (petroleum), catalytic dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91788-83-9	Tetrakis(1,2,2,6,6-pentamethyl-4-piperidyl)-1,2,3,4-butanetetraacarboxylate	T; R48/25 Xn: R22 N; R50-53	T; N R: 22-48/25-50/53 S: (1/2)-22-36-45-57-60-61	Conc>=25%; T; R48/25; R22 >=10%Conc<25%; T; R48/25 >=1%Conc<10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
91853-67-7	4,8,12-Trimethyltrideca-3,7,11-trienic acid, mixed isomers	Xi: R38 N; R50-53	Xi: N ; R: 38 - 50/53, S: (2) - 37/39 - 60 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
91995-14-1	Anthracene oil, acid ext. [Anthracene oil extract residue]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-15-2	Anthracene oil, anthracene paste, anthracene fraction [Anthracene Oil Fraction](Note: A complex combination of hydrocarbons from the distillation of anthracene obtained by the crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of 330 °C to 350 °C (626 °F to 662 °F). It contains chiefly anthracene, carbazole and phenanthrene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-16-3	Anthracene oil, anthracene paste, carbazole fraction [Anthracene Oil Fraction](Note: A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous coal high temperature tar and boiling in the approximate range of 350 °C to 360 °C (662 °F to 680 °F). It contains chiefly anthracene, carbazole and phenanthrene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-17-4	Anthracene oil, anthracene paste, dism. lights [Anthracene Oil Fraction](Note: A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of approximately 290 °C to 340 °C (554 °F to 644 °F). It contains chiefly trinuclear aromatics and their dihydro derivatives.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-18-5	Aromatic hydrocarbons, C8, catalytic reforming-derived [Low boiling point cat-reformed naphtha]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-20-9	Aromatic hydrocarbons, C8-9, hydrocarbon resin polymr. by-product [Light Oil Redistillate, high boiling](Note: A complex combination of hydrocarbons obtained from the evaporation of solvent under vacuum from polymerized hydrocarbon resin. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C9 and boiling in the range of approximately 120 °C to 215 °C (248 °F to 419 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
91995-31-2	Distillates (petroleum), alkene-alkyne manuf. pyrolysis oil, mixed with high-temp. coal tar, indene fraction [Redisillates](Note: A complex combination of hydrocarbons obtained as a redistillate from the fractional distillation of bituminous coal high temperature tar and residual oils that are obtained by the pyrolytic production of alkenes and alkynes from petroleum products or natural gas. It consists predominantly of indene and boils in a range of approximately 160 °C to 190 °C (320 °F to 374 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-34-5	Distillates (petroleum), catalytic reformer, heavy arom. conc. [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-35-6	Distillates (coal), coal tar-residual pyrolysis oils, naphthalene oils [Redisillates](Note: The redistillate obtained from the fractional distillation of bituminous coal high temperature tar and pyrolysis residual oils and boiling in the range of approximately 190 °C to 270 °C (374 °F to 518 °F). Composed primarily of substituted dinuclear aromatics.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-38-9	Hydrocarbons, C4-6, deparanizer lights, arom. hydrotreater [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained as first runnings from the deparanizer column before hydrotreatment of the aromatic charges. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C4 through C6, predominantly pentanes and pentenes, and boiling in the range of approximately 25 °C to 40 °C (77 °F to 104 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-39-0	Distillates (petroleum), dewaxed heavy paraffinic, hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-40-3	Distillates (petroleum), dewaxed light paraffinic, hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-41-4	Distillates (petroleum), heat-soaked steam-cracked naphtha, C5-rich [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by distillation of heat-soaked steam-cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C4 through C6, predominantly C5.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-42-5	Distillates (coal tar), heavy oils, pyrene fraction [Heavy anthracene oil redistillate]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-45-8	Distillates (petroleum), hydrocracked solvent refined, dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
91995-48-1	Distillates (coal tar), naphthalene oils, acid exts. [Methylnaphthalene Oil Extract Residue](Note: A complex combination of hydrocarbons obtained by debasing the methylnaphthalene fraction obtained by the distillation of coal tar and boiling in the range of approximately 230 °C to 255 °C (446 °F to 491 °F). Contains chiefly 1(2)-methylnaphthalene, naphthalene, dimethylnaphthalene and biphenyl.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-49-2	Distillates (coal tar), naphthalene oil crystn. mother liquor [Naphthalene Oil Redistillate](Note: A complex combination of organic compounds obtained as a filtrate from the crystallization of the naphthalene fraction from coal tar and boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). Contains chiefly naphthalene, thionaphthene and alkynaphthalenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-50-5	Distillates (petroleum), naphtha steam cracking-derived, hydroreated light arom. [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons obtained by treating a light distillate from steam-cracked naphtha. It consists predominantly of aromatic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-51-6	Distillates (coal tar), pitch, heavy oils [Heavy anthracene oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-52-7	Distillates (coal tar), pitch, pyrene fraction [Heavy anthracene oil redistillate]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-53-8	Distillates (petroleum), naphtha steam cracking-derived, solvent-refined light hydroreated [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained as the raffinates from a solvent extraction process of hydroreated light distillate from steam-cracked naphtha.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-54-9	Distillates (petroleum), solvent refined light naphthenic, hydroreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-61-8	Extract residues (coal), benzole fraction alk., acid ext. [Light Oil Extract Residues, low boiling](Note: The redistillate from the distillate, freed of tar acids and tar bases, from bituminous coal high temperature tar boiling in the approximate range of 90 °C to 160 °C (194 °F to 320 °F). It consists predominantly of benzene, toluene and xylenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-66-3	Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oil, redistillate [Redistillates](Note: The redistillate from the fractional distillation of dephenolated and debased methylnaphthalene oil obtained from bituminous coal high temperature tar and pyrolysis residual oils boiling in the approximate range of 220 °C to 230 °C (428 °F to 446 °F). It consists predominantly of unsubstituted and substituted dinuclear aromatic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
91995-68-5	Extracts (petroleum), catalytic reformed light naphtha solvent [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained as the extract from the solvent extraction of a catalytically reformed petroleum cut. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C7 through C8 and boiling in the range of approximately 100 °C to 200 °C (212 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
91995-73-2	Extracts (petroleum), hydrotreated light paraffinic distillate solvent [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-75-4	Extracts (petroleum), light naphthenic distillate solvent, hydrosulfurized [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-76-5	Extracts (petroleum), light paraffinic distillate solvent, acid treated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-77-6	Extracts (petroleum), light paraffinic distillate solvent, hydrosulfurized [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-78-7	Extracts (petroleum), light vacuum gas oil solvent	Carc. Cat. 2; R45	T R: 45 S: 53-45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
91995-79-8	Extracts (petroleum), light vacuum gas oil solvent, hydrotreated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92045-12-0	Foots oil (petroleum), hydrotreated [Foots oil]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92045-14-2	Fuel oil, heavy, high sulfur [Heavy fuel oil]	Carc. Cat. 2; R45	T; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92045-15-3	Gases (petroleum), gas oil diethanolamine scrubber off [Refinery gas](Note: A complex combination produced by desulfurization of gas oils with diethanolamine. It consists predominantly of hydrogen sulfide, hydrogen and aliphatic hydrocarbons having carbon numbers in the range of C1 through C5.)	F+; T R: 45-46-12 S: 53-45 Notes: H ; K F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-16-4	Gases (petroleum), gas oil hydrosulfurization effluent [Refinery gas](Note: A complex combination obtained by separation of the liquid phase from the effluent from the hydrogenation reaction. It consists predominantly of hydrogen, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C3.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-17-5	Gases (petroleum), gas oil hydrosulfurization purge [Refinery gas](Note: A complex combination of gases obtained from the reformer and from the purges from the hydrogenation reactor. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C4.)	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92045-18-6	Gases (petroleum), hydrogenator effluent flash drum off [Refinery gas](Note: A complex combination of gases obtained from flash of the effluents after the hydrogenation reaction. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.)	F+; R12	F+; T	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	R: 45-46-12 S: 53-45 Notes: H ; K										
92045-19-7	Gases (petroleum), naphtha steam cracking high-pressure residual [Refinery gas](Note: A complex combination obtained as a mixture of the non-condensable portions from the product of a naphtha steam cracking process as well as residual gases obtained during the preparation of subsequent products. It consists predominantly of hydrogen and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C1 through C5 with which natural gas may also be mixed.)	F+; R12	F+; T	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	R: 45-46-12 S: 53-45 Notes: H ; K										
92045-20-0	Gases (petroleum), steam-cracker C3-rich [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of products from a steam cracking process. It consists predominantly of propylene with some propane and boils in the range of approximately -70 °C to 0 °C (-94 °F to 32 °F).)	F+; R12	F+; T	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	R: 45-46-12 S: 53-45 Notes: H ; K										
92045-22-2	Hydrocarbons, C4, steam-cracker distillate [Petroleum gas](Note: A complex combination of hydrocarbons produced by the distillation of the products of a steam cracking process. It consists predominantly of hydrocarbons having a carbon number of C4, predominantly 1-butene and 2-butene, containing also butane and isobutene and boiling in the range of approximately minus 12 °C to 5 °C (10.4 °F to 41 °F).)	F+; R12	F+; T	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
		Carc. Cat. 1; R45 Multa. Cat. 2; R46	R: 45-46-12 S: 53-45 Notes: H ; K										
92045-23-3	Gas oils (petroleum), thermal cracked, hydrodesulfurized [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
		Xn ; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H											
92045-36-8	Kerosine (petroleum), solvent refined sweetened [Kerosine unspecified]	Xn; R65	Xn ; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
		Xn ; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H											
92045-37-9	Kerosine (petroleum), straight run wide cut [Straight run kerosine]	Xn; R65	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
		Xn ; R: 65 ; S: (2) - 23 - 24 - 62 ; Note: H											
92045-42-6	Lubricating oils (petroleum), C17-35, solvent extd., dewaxed, hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
		T ; R: 45 ; S: 53 - 45 ; Notes: H ; L											
92045-43-7	Lubricating oils (petroleum), hydrocracked nonarom. solvent deparaffined [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
		T ; R: 45 ; S: 53 - 45 ; Notes: H ; L											

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92045-49-3	Naphtha (petroleum), C4-12 butane-alkylate, isocodane-rich [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained by alkylation of butanes. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C4 through C12, rich in isocodane, and boiling in the range of approximately 35 °C to 210 °C (95 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-50-6	Naphtha (petroleum), heavy catalytic cracked, sweetened [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons obtained by subjecting a catalytic cracked petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C6 through C12 and boiling in the range of approximately 60 °C to 200 °C (140 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-51-7	Naphtha (petroleum), heavy steam-cracked, hydrogenated [Low boiling point hydrogen treated naphtha]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-52-8	Naphtha (petroleum), hydrodesulfurized full-range [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately 30 °C to 250 °C (86 °F to 482 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-53-9	Naphtha (petroleum), hydrodesulfurized light, dearomatized [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by distillation of hydrodesulfurized and dearomatized light petroleum fractions. It consists predominantly of C7 paraffins and cycloparaffins boiling in a range of approximately 90 °C to 100 °C (194 °F to 212 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-55-1	Hydrocarbons, hydrotreated light naphtha distillates, solvent-refined [Low boiling point modified naphtha](Note: A combination of hydrocarbons obtained from the distillation of hydrotreated naphtha followed by a solvent extraction and distillation process. It consists predominantly of saturated hydrocarbons boiling in the range of approximately °C to 99 °C (201 °F to 210 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92045-57-3	Naphtha (petroleum), hydrotreated light steam-cracked [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by treating a petroleum fraction, derived from a pyrolysis process, with hydrogen in the presence of a catalyst. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C5 through C11 and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-58-4	Naphtha (petroleum), isomerization, C6-fraction [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained by distillation of a gasoline which has been catalytically isomerized. It consists predominantly of hexane isomers boiling in the range of approximately 60 °C to 66 °C (140 °F to 151 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-59-5	Naphtha (petroleum), light catalytic cracked sweetened [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons obtained by subjecting naphtha from a catalytic cracking process to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons boiling in a range of approximately 35 °C to 210 °C (95 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-60-8	Naphtha (petroleum), light, C5-rich, sweetened [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C5, predominantly C5, and boiling in the range of approximately minus 10 °C to 35 °C (14 °F to 95 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-61-9	Hydrocarbons, C4-12, naphtha-cracking, hydrotreated [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained by distillation from the product of a naphtha steam cracking process and subsequent catalytic selective hydrogenation of gum formers. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C12 and boiling in the range of approximately 30 °C to 230 °C (86 °F to 446 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-62-0	Hydrocarbons, C8-11, naphtha-cracking, toluene cut [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by distillation from prehydrogenated cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C8 through C11 and boiling in the range of approximately 130 °C to 205 °C (266 °F to 401 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92045-63-1	Hydrocarbons, C4-11, naphtha-cracking, arom.-free [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from prehydrogenated cracked naphtha after distillative separation of benzene- and toluene-containing hydrocarbon cuts and a higher boiling fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately 30 °C to 205 °C (86 °F to 401 °F))	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-64-2	Hydrocarbons, C6-7, naphtha-cracking, solvent-refined [Low boiling point modified naphtha](Note: A complex combination of hydrocarbons obtained by the sorption of benzene from a catalytically fully hydrogenated benzene-rich hydrocarbon cut that was distillatively obtained from prehydrogenated cracked naphtha. It consists predominantly of paraffinic and naphthenic hydrocarbons having carbon numbers predominantly in the range of C6 through C7 and boiling in the range of approximately 70 °C to 100 °C (158 °F to 212 °F))	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-65-3	Naphtha (petroleum), light thermal cracked, sweetened [Low boiling point thermally cracked naphtha](Note: A complex combination of hydrocarbons obtained by subjecting a petroleum distillate from the high temperature thermal cracking of heavy oil fractions to a sweetening process to convert mercaptans. It consists predominantly of aromatics, olefins and saturated hydrocarbons boiling in the range of approximately 20 °C to 100 °C (68 °F to 212 °F))	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92045-71-1	Paraffin waxes (coal), brown coal high temp. tar [Coal tar extracts]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
92045-72-2	Paraffin waxes (coal), brown coal high temp. tar, hydrotreated [Coal tar extracts]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
92045-77-7	Petrolatum (petroleum), hydrotreated [Petrolatum]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
92045-80-2	Petroleum gases, liquefied, sweetened, C4 fraction [Petroleum gas](Note: A complex combination of hydrocarbons obtained by subjecting a liquified petroleum gas mix to a sweetening process to oxidize mercaptans or to remove acidic impurities. It consists predominantly of C4 saturated and unsaturated hydrocarbons.)	F+; T R: 45-46-12 S: 53-45 F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H ; K	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92061-86-4	Residual oils (petroleum), hydrocracked acid treated solvent dewax [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
92061-92-2	Residues (coal tar), anthracene oil distn. [Anthracene Oil Fraction](Note: The residue from the fraction distillation of crude anthracene boiling in the approximate range of 340 °C to 400 °C (644 °F to 752 °F). It consists predominantly of tri- and polynuclear aromatic and heterocyclic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92061-93-3	Residues (coal tar), creosote oil distn. [Wash Oil Redistillate][Note: The residue from the fractional distillation of wash oil boiling in the approximate range of 270 °C to 330 °C (518 °F to 626 °F). It consists predominantly of dinuclear aromatic and heterocyclic hydrocarbons.]	Carc. Cat. 2; R45	T R: 45 S: 53-45 Notes: H ; M	Conc>=0.1%; T; R45	Eu								
			T ; R: 45 ; S: 53 - 45 ; Notes: H ; M										
92061-94-4	Residues (coal tar), pitch distn. [Pitch redistillate]	Carc. Cat. 2; R45	S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu								
92061-97-7	Residues (petroleum), catalytic cracking [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu								
92062-00-5	Residues (petroleum), hydrogenated steam cracked naphtha [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu								
92062-04-9	Residues (petroleum), steam cracked naphtha distn. [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu								
92062-09-4	Slack wax (petroleum), hydrotreated [Slack wax]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu								
92062-10-7	Slack wax (petroleum), low melting [Slack wax]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu								
92062-11-8	Slack wax (petroleum), low melting, hydrotreated [Slack wax]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu								
92062-15-2	Solvent naphtha (petroleum), hydrotreated light naphthenic [Low boiling point hydrogen treated naphtha][Note: A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists predominantly of cycloparaffinic hydrocarbons having carbon numbers predominantly in the range of C6 through C7 and boiling in the range of approximately 73 °C to 85 °C (163 °F to 185 °F).]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu								
			T ; R: 45 ; S: 53 - 45 ; Notes: H ; M										
92062-20-9	Tar, coal, high temp., distn. and storage residues [Coal tar solids residue]	Carc. Cat. 2; R45	S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu								
92062-22-1	Tar acids, brown-coal gasification [Crude Phenols][Note: A complex combination of organic compounds obtained from brown coal gasification. Composed primarily of C6-10 hydroxy aromatic phenols and their homologs.]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu								
			T R: 45-46 S: 53-45 Notes: H ; J ; M										
92062-26-5	Tar acids, cresylic [Distillate Phenols][Note: A complex combination of organic compounds obtained from brown coal and boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). It contains chiefly phenols and pyridine bases.]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu								
92062-27-6	Tar bases, coal, aniline fraction [Distillate Bases][Note: The distillation fraction boiling in the range of approximately 180 °C to 200 °C (356 °F to 392 °F) from the crude bases obtained by dephenolating and debasing the carpolated oil from the distillation of coal tar. It contains chiefly aniline, collidines, luidines and toluidines.]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu								
			T R: 45-46 S: 53-45 Notes: H ; J										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92062-28-7	Tar bases, coal, collidine fraction [Distillate Bases][Note: The distillation fraction boiling in the range of approximately 181 °C to 186 °C (356 °F to 367 °F) from the crude bases obtained from the neutralized, acid-extracted base-containing tar fractions obtained by the distillation of bituminous coal tar. It contains chiefly aniline and collidines.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92062-28-8	Tar bases, coal, distn. residues [Distillate Bases][Note: The distillation residue remaining after the distillation of the neutralized, acid-extracted base-containing tar fractions obtained by the distillation of coal tars. It contains chiefly aniline, collidines, quinoline and quinoline derivatives and toluidines.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92062-33-4	Tar bases, coal, picoline fraction [Distillate Bases][Note: Pyridine bases boiling in the range of approximately 125 °C to 160 °C (257 °F 320 °F) obtained by distillation of neutralized acid extract of the base-containing tar fraction obtained by the distillation of bituminous coal tars. Composed chiefly of lutidines and picolines.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92062-34-5	Waste solids, coal tar pitch coking [Coal tar solids residue]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92062-36-7	Aromatic hydrocarbons, C9-12, benzene distn. [Light Oil Redistillate, high boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92128-94-4	Hydrocarbons, C8-12, catalytic-cracking, chem. neutralized [Low boiling point cat-cracked naphtha][Note: A complex combination of hydrocarbons produced by the distillation of a cut from the catalytic cracking process, having undergone an alkaline washing. It consists predominantly of hydrocarbons having carbon numbers in the range of C8 through C12 and boiling in the range of approximately 130 °C to 210 °C (266 °F to 410 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
92129-09-4	Paraffin oils (petroleum), solvent refined dewaxed heavy [Coal tar extracts]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92201-59-7	Distillates (petroleum), intermediate catalytic cracked, thermally degraded [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92201-60-0	Distillates (petroleum), light catalytic cracked, thermally degraded [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92201-88-2	Imidazolium compounds, 2-(C9-19 and C9-19-unsatd. alkyl)-1-[(C10-20 and C10-20-unsatd. amido)ethyl]-4-5-dihydro-1-Me, Me sulfates	Xi R: 38	Xi R: 38	Conc>=20%; Xi; R38	N	-	-	-	-	-	-	-	-
92201-97-3	Naphtha (petroleum), light heat-soaked, steam-cracked [Low boiling point naphtha — unspecified][Note: A complex combination of hydrocarbons obtained by the fractionation of steam cracked naphtha after recovery from a heat soaking process. It consists predominantly of hydrocarbons having a carbon number predominantly in the range of C4 through C6 and boiling in the range of approximately 0 °C to 80 °C (32 °F to 176 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
92408-46-3	Trisodium 5-benzamido-4-hydroxy-3-(4-methyl-2-sulfonatophenylazo)naphthalene-2,7-disulfonate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
92484-48-5	Sodium 3-(2H-benzotriazo-2-yl)-5-sec-butyl-4-hydroxybenzenesulfonate	Xi; R41	Xi; R: 41 , S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
92511-22-3	Disodium N-carboxymethyl-N-(2-(2-hydroxyethoxy)ethyl)glycinate	Xi; R41	Xi; R: 41 , S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
92585-24-5	2-Methyl-4-phenylpentanol	Xi; R43 N; R51-53	Xi; N: R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
92683-20-0	Dodecyl 3-(2-(3-benzyl-4-ethoxy-2,5-dioximidazolidin-1-yl)-4,4-dimethyl-3-oxovaleramido)-4-chlorobenzoate	R: 53 S: 61 R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
92704-08-0	Extracts (petroleum), heavy paraffinic distillate solvent, clay-treated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T: R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
92761-26-7	(E)-3,3'-(1,4-Phenylenedimethylidene)bis(2-oxobornane-10-sulfonic acid)	Xi; R41	Xi; R41, S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
92771-56-7	4-[4-(2-Dimethyl-propanamido)]phenylazo-3-(2-chloro-5-(2-(3-pentadecyloxy)butylamido)anilino)-1-(2,4,6-trichlorophenyl)-2-pyrazoline-5-one	R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
92836-10-7	1-(2,3-Dihydro-1,3,3,6-tetramethyl-1-(1-methylethyl)-1H-inden-5-yl)ethanone	Xn; R22-48/22 N; R51-53	Xn; N: R: 22 - 48/22 - 51/53 S: (2)-24 - 36 - 61	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
92952-81-3	4-[(3-Hydroxypropyl)amino]-3-nitrophenol	Xi; R38 N; R51-53	Xi; N: R: 38 - 51/53 S: (2)-37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
93071-94-4	2'-Anilino-6'-(9-ethoxypropyl)ethylamino)-3'-methylspiro[isobenzotriazolo-3,4-benzoxazolin]-1-(1 H)-9'-xanthene	R53	R: 53, S: 61		Eu	-	-	-	-	-	-	-	-
93076-03-0	3-(2-Chloroethyl)-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one monohydrochloride	T; R25 Xn; R68/21-48/22 Xi; R41 R43 N; R51-53	T: N R: 25-41-43-48/22-68/21- 51/53 S: (1)-2-22-26-36/37/39-45- 61	Conc>=25%; T; R25; R68/21; R48/22; R41; R43 >=10%Conc<25%; Xn; R22; R68/21; R48/22; R41; R43 >=5%Conc<10%; Xn; R22; R36; R43 >=3%Conc<5%; Xn; R22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
93107-30-3	1-Cyclopropyl-6,7-difluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid	Repr. Cat. 3; R62 R52-53	Xn; R: 62 - 52/53 S: (2) - 22 - 36/37 - 61	Conc>=5%; Xn; R62	Eu	-	-	-	-	-	-	-	-
93165-13-6	Distillates (petroleum), C6-rich [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained from the distillation of a petroleum feedstock. It consists predominantly of hydrocarbons having carbon numbers of C5 through C7, rich in C6, and boiling in the range of approximately 60 °C to 70 °C (140 °F to 158 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
93165-26-5	Fatty acids, C14-26, lead salts	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
93165-55-0	Naphtha (petroleum), light steam-cracked, hydrogenated [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons produced from the separation and subsequent hydrogenation of the products of a steam-cracking process to produce ethylene. It consists predominantly of saturated and unsaturated paraffins, cyclic paraffins and cyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C4 through C10 and boiling in the range of approximately 50 °C to 200 °C (122 °F to 392 °F). The proportion of benzene hydrocarbons may vary up to 30 wt. % and the stream may also contain small amounts of sulfur and oxygenated compounds.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%: T; R45; R46; R65 >=0.1%Conc<10%: T; R45; R46	Eu	-	-	-	-	-	-	-	-
93571-75-6	Aromatic hydrocarbons, C7-12, C8-rich [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C7 through C12 (primarily C8) and can contain nonaromatic hydrocarbons, both boiling in the range of approximately 130 °C to 200 °C (266 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%: T; R45; R46; R65 >=0.1%Conc<10%: T; R45; R46	Eu	-	-	-	-	-	-	-	-
93572-29-3	Gasoline, C5-11, high-octane stabilized reformed [Low boiling point cat-reformed naphtha](Note: A complex high octane combination of hydrocarbons obtained by the catalytic dehydrogenation of a predominantly naphthenic naphtha. It consists predominantly of aromatics and non-aromatics having carbon numbers predominantly in the range of C5 through C11 and boiling in the range of approximately 45 °C to 185 °C (113 °F to 365 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%: T; R45; R46; R65 >=0.1%Conc<10%: T; R45; R46	Eu	-	-	-	-	-	-	-	-
93572-35-1	Hydrocarbons, C7-12, C >9-arom.-rich, reforming heavy fraction [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 120 °C to 210 °C (248 °F to 380 °F) and C9 and higher aromatic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%: T; R45; R46; R65 >=0.1%Conc<10%: T; R45; R46	Eu	-	-	-	-	-	-	-	-
93572-36-2	Hydrocarbons, C5-11, nonaroms.-rich, reforming light fraction [Low boiling point cat-reformed naphtha](Note: A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C5 through C11 and boiling in the range of approximately 35 °C to 125 °C (94 °F to 257 °F), benzene and toluene.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%: T; R45; R46; R65 >=0.1%Conc<10%: T; R45; R46	Eu	-	-	-	-	-	-	-	-
93572-43-1	Lubricating oils (petroleum), base oils, paraffinic [Baseoil unspecified]	Carc. Cat. 2; R45	T: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%: T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
93589-69-6	4-4'-Methylenebis(oxethylenethio)diphenol	N; R51-53	N ; R: 51/53; S: 61		Eu	-	-	-	-	-	-	-	-
93629-90-4	1,3-Bis(Vinylsulfonylacetamido)propane	Muta. Cat.3; R68 Xi; R41 R43 R 52-53	Xn R: 41-43-68-52/53 S: (2)-22-26-36/37/39-61	Conc>=10%; Xn; R68; R41; R43 >=5%Conc<10%; Xn; R68; R36; R43 >=1%Conc<5%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
93633-79-5	3-(N-Methyl-N-(4-methylamino-3-nitrophenyl)amino)propane-1,2-diol hydrochloride	Xn; R22 R52-53	Xn ; R: 22 - 52/53 , S: (2) - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
93672-52-7	2,5-Dibutoxy-4-(morpholin-4-yl)benzenediazonium 4-methylbenzenesulfonate	F; R11 Xn; R22 Xi; R41 R43 R52-53	F ; Xn ; R: 11 - 22 - 41 - 43 - 52/53 S: (2)12 - 22 - 24 - 26 - 37/39 - 47 - 61	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
93686-40-9	Nonanoic acid, branched, cadmium salt	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	
93686-63-6	1,4-Diamino-2-(2-butyltetrazol-5-yl)-3-cyanoanthraquinone	R53	R: 53; S: 61		Eu	-	-	-	-	-	-	-	-
93763-10-1	Extracts (petroleum), heavy naphthenic distillate solvent, hydrodesulfurized [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
93763-11-2	Extracts (petroleum), solvent dewaxed heavy paraffinic distillate solvent, hydrodesulfurized [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
93763-33-8	Hydrocarbons, C6-11, hydrotreated, dearomatized [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
93763-34-9	Hydrocarbons, C9-12, hydrotreated, dearomatized [Low boiling point hydrogen treated naphtha](Note: A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
93763-35-0	Hydrocarbons, , C9-16, hydrotreated, dearomatized [Kerosine unspecified]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
93763-38-3	Hydrocarbons, , hydrocracked paraffinic distn. residues, solvent dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
93763-85-0	Residues (petroleum), steam cracked heat soaked naphtha [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
93821-38-6	Extract residues (coal), benzole fraction acid [Light Oil Extract Residues, low boiling](Note: An acid sludge by-product of the sulfuric acid refining of crude high temperature coal. Composed primarily of sulfuric acid and organic compounds.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
93821-66-0	Residual oils (petroleum) [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
93858-24-3	9-Hexadecenoic acid, lead(2+) salt, (Z)-	Carc. Cat. 3; R40	T R: 61-20/22-33-40-62-68 T; R: 45; S: 53 - 45; Notes: H; L	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N		-	-	-	-	-	-	-
		Muta. Cat. 3; R68											
		Repr. Cat. 1; R61											
93924-31-3	Foots oil (petroleum), acid treated	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
93924-32-4	Foots oil (petroleum), clay treated	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
93924-33-5	Gas oils, paraffinic [Gasoil unspecified]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; N	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
93924-61-9	Hydrocarbons, C20-50, residual oil hydrogenation vacuum distillate [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu		-	-	-	-	-	-	-
93952-24-0	Trisodium-bis(2-(5-chloro-4-nitro-2-oxidophenylazo)-5-Xi; R41 sulfonato-1-naphtholato)chromate(1-)	R52-53	Xi; R: 41 - 52/53, S: (2) - 26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu		-	-	-	-	-	-	-
93957-49-4	N-Isopropyl-3-(4-fluorophenyl)-1H-indole	R 53	R: 53 61 S:		Eu		-	-	-	-	-	-	-
93957-50-7	3-[3-(4-Fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-R43 (E)-2-propenal	R43 N; R50-53	Xi; N R: 43-50/53 S: (2) 22-24-37-60-61	Conc>=1%; Xi; R43	Eu		-	-	-	-	-	-	-
93965-24-3	Isodecanoic acid, cadmium salt	Carc. Cat. 2; R45	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N		-	-	-	-	-	-	-
		Muta. Cat. 3; R68											
		Repr. Cat. 1; R61											
93965-29-8	Isoundecanoic acid, lead(2+) salt	Repr. Cat. 3; R62 Xn: R20/22 R33	T R: 61-20/22-33-40-62-68	>=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N		-	-	-	-	-	-	-
93965-30-1	Isoundecanoic acid, cadmium salt	Carc. Cat. 2; R45	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N		-	-	-	-	-	-	-
		Muta. Cat. 3; R68											
		Repr. Cat. 1; R61											
93966-37-1	Tricosanoic acid, lead salt	Repr. Cat. 3; R62 Xn: R20/22 R33	T R: 61-20/22-33-40-62-68	>=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N		-	-	-	-	-	-	-
93966-38-2	Tetracosanoic acid, lead salt	Carc. Cat. 3; R40	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N		-	-	-	-	-	-	-
		Muta. Cat. 3; R68											
		Repr. Cat. 1; R61											

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
93971-95-0	Phthalocyanine-Ni[3-(diethylamino)propyl]sulfonamide copper complex	R52-53 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33	R: 52/53 S: 61 T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
93981-67-0	Isosuccinic acid, lead(2+) salt				N	-	-	-	-	-	-	-	-
93983-23-4	Pentasodium 5-anilino-3-(4-(4-(6-chloro-4-(3-sulphonatoanilino)-1,3,5-triazin-2-ylamino)-2,5-dimethylphenylazo)-2,5-disulphonatophenylazo)-4-hydroxynaphthalene-2,7-disulphonate	Xi: R36 Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn: R20/22 R33	Xi : R: 36 S: (2) - 22 - 26 T R: 61-20/22-33-40-62-68	Conc>=20%; Xi: R36 Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
94006-20-9	Hexacosanoic acid, lead salt				N	-	-	-	-	-	-	-	-
94021-76-8	4-Chlorophenyl cyclopropyl ketone O-(4-aminobenzylo)oxime	T+; R26 T: R48/25 Xn: R22 Xi: R36/37/38 R43 N: R50-53	T+ : N : R: 22 - 26 - 36/37/38 - 43 - 48/25 - 50/53, S: (1/2) - 28 - 36/37/39 - 45 - 60 - 61	Conc>=25%; T+; R26; R48/25; R22; R36/37/38; R43 >=20%Conc<25%; T+; R26; R48/25; R36/37/38; R43 >=10%Conc<20%; T+; R26; R48/25; R43 >=7%Conc<10%; T+; R26; R48/22; R43 S: (1/2) - 28 - 36/37/39 - 45 - 60 - 61 >=0.1%Conc<1%; Xn: R20	Eu	-	-	-	-	-	-	-	-
94050-51-8	(R)-2-(4-Hydroxyphenoxy)propanoic acid	Xn: R22 R43 N: R50-53	Xn : N ; R: 22 - 43 - 50/53 S: (2/24 - 37 - 60 - 61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-	-
94050-90-5	(E,Z)-4-Chlorophenyl(cyclopropyl)ketone O-(4-nitrophenylmethyl)oxime	Xi: R41 R43 N: R50-53	Xi : R: 41, S: (2) - 26 - 39 Xi : N ; R: 43 - 50/53 S: (2/24 - 37 - 60 - 61	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36 Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
94114-03-1	Gasoline, pyrolysis, hydrogenated [Low boiling point naphtha-unspecific](Note: A distillation fraction from the hydrogenation of pyrolysis gasoline boiling in the range of approximately 20 °C to 200 °C (68 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-13-3	Pitch, coal tar, high temp., secondary [Pitch redistillate]	Carc. Cat. 2; R45	T : R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94114-29-1	Tar acids, brown-coal, C2-alkylphenol fraction [Distillate Phenols](Note: The distillate from the acidification of alkaline washed lignite tar distillate boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). Composed primarily of m- and p-ethylphenol as well as cresols and xylenols.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-40-6	Tar oils, brown-coal [Light Oil](Note: The distillate from lignite tar boiling in the range of approximately 80 °C to 250 °C (176 °F to 482 °F). Composed primarily of aliphatic and aromatic hydrocarbons and monobasic phenols.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-46-2	Residues (coal), liq. solvent extrn.	Carc. Cat. 2; R45	T : R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94114-47-3	Coal liquids, liq. solvent extrn. soln.	Carc. Cat. 2; R45	T : R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
94114-48-4	Coal liquids, liq. solvent extrn.	Carc. Cat. 2; R45	T: R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94114-52-0	Distillates (coal), liq. solvent extrn., primary(Note: The liquid product of condensation of vapors emitted during the digestion of coal in a liquid solvent and boiling in the range of approximately 30 °C to 300 °C (86 °F to 572 °F). Composed primarily of partly hydrogenated condensed-ring aromatic hydrocarbons, aromatic compounds containing nitrogen, oxygen and sulfur, and their alkyl derivatives having carbon numbers predominantly in the range of C4 through C14.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-53-1	Distillates (coal), solvent extrn., hydrocracked(Note: Distillate obtained by hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 30 °C to 300 °C (86 °F to 572 °F). Composed primarily of aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes with carbon numbers predominantly in the range of C4 through C14. Nitrogen, sulfur and oxygen-containing aromatic and hydrogenated aromatic compounds are also present.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-54-2	Naphtha (coal), solvent extrn., hydrocracked(Note: Fraction of the distillate obtained by hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 30 °C to 180 °C (86 °F to 356 °F). Composed primarily of aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes with carbon numbers predominantly in the range of C4 to C9. Nitrogen, sulfur and oxygen-containing aromatic and hydrogenated aromatic compounds are also present.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-55-3	Gasoline, coal solvent extrn., hydrocracked naphtha	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94114-56-4	Distillates (coal), solvent extrn., hydrocracked middle(Note: Distillate obtained from the hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 180 °C to 300 °C (356 °F to 572 °F). Composed primarily of two-ring aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes having carbon numbers predominantly in the range of C9 through C14. Nitrogen, sulfur and oxygen-containing compounds are also present.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
94114-57-5	Distillates (coal), solvent extrn., hydrocracked hydrogenated middle(Note: Distillate from the hydrogenation of hydrocracked middle distillate from coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 180 °C to 280 °C (356 °F to 536 °F). Composed primarily of hydrogenated two- ring carbon compounds and their alkyl derivatives having carbon numbers predominantly in the range of C9 through C14.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
94114-58-6	Fuels, jet aircraft, coal solvent extrn., hydrocracked hydrogenated	Carc. Cat. 3; R40	Xn; R: 40 , S: (2) - 36/37 ; Note: H	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
94114-59-7	Fuels, diesel, coal solvent extrn., hydrocracked hydrogenated	Carc. Cat. 3; R40	Xn; R: 40 , S: (2) - 36/37 ; Note: H	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
94125-34-5	Prosulfuron (SO) [1-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-3-(2-(3,3,3-trifluoropropyl)phenylsulfonyl)urea]	Xn, R22 N; R50-53	Xn; N R: 22-50/53 S: (2) -60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
94201-73-7	2H-Pyran, tetrahydro-4-methyl-2-phenyl-	Xi; R38 R43 R10	Xi R: 38-43	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-
94239-04-0	2-Fluoro-6-trifluoromethylpyridine	Rn Xn; R20/22 R52-53	Xn R: 10-20/22-52/53 S: (2) -16-61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-	-
94247-67-3	Chrysidine compound with dibutynaphthalene sulfonic acid [Dibutynaphthalenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1)](Note: see also CAS No. 85407-90-5)	Muta. Cat. 3; R68 Xn, R22 Xi; R38-41	Xn R: 22-38-41-68 S: (2) -23-26-36/37/39-46	Conc>=25%; Xn; R68; R22; R38; R41 >=20%Conc<25%; Xn; R68; R38; R41 >=10%Conc<20%; Xn; R68; R41 >=5%Conc<10%; Xn; R68; R36 >=1%Conc<5%; Xn; R68	Eu	-	-	-	-	-	-	-	-
94249-03-3	Butanamide, 2,2'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[N-(4-chlorophenyl)-3-oxo-	Carc. Cat. 2; R45 Repr. Cat. 3; R63	T R: 45-63	Conc>=5%; T; R45; R63 >=0.1%Conc<5%; T; R45	N	-	-	-	-	-	-	-	-
94266-31-6	Eicosanoic acid, lead(2+) salt (2:1)	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	T R: 61-20/22-33-40-62-68	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
94317-64-3	N-(n-Butyl) thiophosphoric triamide [NBPT]	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Repr. Cat. 1; R61 Repr. Cat. 3; R62 Xn; R20/22 R33	Xn; R: 41-62 S: 25-26-36/37/39	Conc>=25%; T; R40; R61; R62; R68; R20/22; R33 >=5%Conc<25%; T; R40; R61; R62; R68; R33 >=1%Conc<5%; T; R40; R61; R68; R33 >=0.5%Conc<1%; T; R61	N	-	-	-	-	-	-	-	-
94346-09-5	1,2-Dimethyl-3-(1-methylethyl)cyclopentyl acetate	Xi; R38 N; R51-53	Xi; N R: 38-51/53 S: (2) -37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
94361-06-5	Cyproconazole (ISO)(2RS,3RS,2RS,3SR)-2-(4-chlorophenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-5-yl)butan-2-ol	Repr. Cat. 3; R63 Xn, R22 N; R50-53	Xn; N R: 22 - 50/53 - 63 S:(2)36/37 - 60 - 61	Conc>=25%; Xn; R22; R63 >=5%Conc<25%; Xn; R63	Eu	-	-	-	-	-	-	-	-
94612-91-6	Sodium 4-(2,4,4-trimethylpentylcarbonyloxy)benzenesulphonate	T; R23-48/23 Xn, R22 Xi; R36/37 R43	T ; R: 22 - 23 - 36/37 - 43 - 48/23 S: (1/2) - 22 - 24 - 36 - 45	Conc>=25%; T; R23-48/23; R22; R36/37, R43 >=20%Conc<25%; T; R48/23; R20; R36/37; R43 >=10%Conc<20%; T; R48/23; R20; R43 >=3%Conc<10%; Xn; R20-48/20; R43 >=1%Conc<3%; Xn; R48/20; R43	Eu	-	-	-	-	-	-	-	-
94723-86-1	2-Butyl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	Repr. Cat. 2; R60 Xn, R22 R43 R52-53	T R: 60-22-43-52/53 S: 53-45-61 Note: E	Conc>=25%; T; R60; R22; R43 >=1%Conc<25%; T; R60; R43 >=0.5%Conc<1%; T; R60	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
94733-08-1	Distillates (petroleum), solvent refined hydrotreated heavy, hydrogenated	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94733-09-2	Distillates (petroleum), solvent refined hydrocracked light [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94733-15-0	Lubricating oils (petroleum), C18-40, solvent dewaxed hydrocracked distillate based [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
94733-16-1	Lubricating oils (petroleum), C18-40, solvent dewaxed hydrogenated raffinate based [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
95009-23-7	Distillates (petroleum), steam-cracked, C8-12 fraction, polymd., distn. lights [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by distillation of the polymerized C8 through C12 fraction from steam-cracked petroleum distillates. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C12.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
95154-01-1	(Benzothiazol-2-ylthio)succinic acid	Xi; R43	Xi; R: 43; S: (2) - 24 - 37 ;	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
95235-28-3	6'-(Isobutylmethylamino)-3'-methyl-2'-phenylamino-spiro[isobenzo-2-oxofuran-7,9-[9H]-xanthene	R53	R: 53; S: 61		Eu	-	-	-	-	-	-	-	-
95235-30-6	4-(4-Isopropoxyphenylsulfonyl)phenol	N; R51-53	N: R: 51/53; S: 61		Eu	-	-	-	-	-	-	-	-
95371-04-3	Hydrocarbons, C13-30, arom. rich, solvent extd. naphthenic distillate [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
95371-05-4	Hydrocarbons, C16-32, arom. rich, solvent extd. naphthenic distillate [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
95371-07-6	Hydrocarbons, C37-68, dewaxed deasphalted hydrotreated vacuum distn [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
95371-08-7	Hydrocarbons, C37-65, hydrotreated deasphalted vacuum distn, residues [Baseoil unspecified]	Carc. Cat. 2; R45	T: R: 45; S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
95465-89-7	Hydrocarbons, C4, 1,3-butadiene- and isobutene-free [Petroleum gas]	F+; R12 R: 45-46-12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes: H; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
95465-99-9	Cardusafos	T+; R26/27 T; R25	T+; R: 25 - 26/27	Conc>=25%; T+; R26/27; R25 >=7%Conc<25%; T+; R26/27; R22 >=3%Conc<7%; T; R23/24; R22 >=1%Conc<3%; T; R23/24 >=0.1%Conc<1%; Xn; R20/21	V	-	-	-	-	-	-	-	-
95500-19-9	Diethyldimethylammonium hydroxide	Xn; R21/22 C; R35	C R: 21/22-35 S: (1/2)-26-36/37/39-45	Conc>=25%; C; R35; R21/22 >=10%Conc<25%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
95737-68-1	2-(1-Methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
95885-13-5	5-Ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)-22-36-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
96141-86-5	N-[3-[4-(Diethylamino)-2-methylphenyl]imino]-6-oxo-1,4-cyclohexadienylacetamide	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
96314-26-0	trans-4-Phenyl-L-proline	Repr.Cat. 3; R62 R43	Xn R: 43-62 S: (2)-22-36/37	Conc>=5%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
96489-71-3	2-tert-Butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one	T; R23/25 N; R50-53	T; N R: 23/25 - 50/53 S: (1/2) - 36/37 - 45 - 60 - 61	Conc>=25%; T; R23; R25 >=3%Conc<25%;Xn; R20; R22	Eu	-	-	-	-	-	-	-	-
96525-23-4	Flutramone (ISO) [(RS)-5-Methylamino-2-phenyl-4-(alpha.alpha.alpha-trifluoro-m-tolyl)furan-3(2H)-one]	N; R50-53	N ; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
96562-58-2	Methyl (R)-2-(4-hydroxyphenoxy)propionate	Xi; R41 R52-53	Xi: R: 41 - 52/53 S: (2)-26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
96566-70-0	Potassium 2-hydroxycarbazole-1-carboxylate	Xn; R22 Xi; R36/37 R52-53	Xn; R: 22 - 36/37 - 52/53 , S: (2) - 22 - 26 - 61	Conc>=25%; Xn; R22; R36/37 >=20%Conc<25%; Xi; R36/37	Eu	-	-	-	-	-	-	-	-
96690-55-0	Tar acids, distn. residues [Distillate Phenols](Note: A residue from the distillation of crude phenol from coal. It consists predominantly of phenols having carbon numbers in the range of C8 through C10 with a softening point of 60 °C to 80 °C (140 °F to 176 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
96792-67-5	Mixture of: 1-(2,3,6,7,8,9-hexahydro-1,1-dimethyl-1H-benz(g)inden-4-yl)ethanone and 1-(2,3,5,6,7,8-hexahydro-1,1-dimethyl-1H-benz(f)inden-4-yl)ethanone and 1-(2,3,6,7,8,9-hexahydro-1,1-dimethyl-1H-benz(g)inden-5-yl)ethanone and 1-(2,3,6,7,8,9-hexahydro-3,3-dimethyl-1H-benz(g)inden-5-yl)ethanone	N; R50-53 Xn; R22 R43 N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
97101-46-7	Methyl 3-(acetylthio)-2-methyl-propanoate	Xn; R22 R43 N; R50-53	Xn; N ; R: 22 - 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
97148-39-5	Ammonium (Z)-alpha-methoxyimino-2-furylacetate	F; R11	F ; R: 11 S: (2) -22 - 43		Eu	-	-	-	-	-	-	-	-
97384-48-0	2-Benzyl-2-methyl-3-butenitrile	Xn; R22 R 52-53	Xn R: 22-52/53 S: (2)-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
97460-76-9	2-(4-(N-Butyl-N-phenethylamino)phenyl)ethylene-1,1,2-tricarbonitrile	R 53 S 61	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
97488-73-8	Distillates (petroleum), hydrocracked solvent refined light [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97488-74-9	Distillates (petroleum), solvent refined hydrogenated heavy [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97488-94-3	Kerosine (petroleum), solvent refined hydrosulfurized [Kerosine unspecified]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
97488-95-4	Lubricating oils (petroleum), C18-27, hydrocracked solvent dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97488-96-5	Napthta (petroleum), solvent refined hydrosulfurized heavy [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 - 65 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97675-85-9	Hydrocarbons, C16-20, hydrotreated middle distillate, distn. lights [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97675-86-0	Hydrocarbons, C12-20, hydrotreated paraffinic, distn. lights [Gasoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97675-87-1	Hydrocarbons, C17-30, hydrotreated solvent deasphalted atm. distn. lights [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
97675-88-2	Hydrocarbons, C16-20, solvent dewaxed hydrocracked paraffinic dist[Cracked gasoil]	Carc. Cat. 3; R40	Xn; R: 40, S: (2) - 36/37 ; Note: H	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
97722-04-8	Hydrocarbons, C26-55, arom-rich	Carc. Cat. 2; R45	T R: 45 S: 53-45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97722-06-0	Hydrocarbons, C17-40, hydrotreated solvent deasphalted distn. residue, vacuum distn. lights [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97722-08-2	Hydrocarbons, C11-17, solvent extd. light naphthenic [Gasoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97722-08-3	Hydrocarbons, C13-27, solvent extd. light naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97722-10-6	Hydrocarbons, C14-29, solvent extd. light naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97722-19-5	Raffinates (petroleum), steam-cracked C4 fraction cuprous ammonium acetate extn., C3-5 and C3-5 unsatd., butadiene-free [Petroleum gas]	F+; R12 R: 45-46-12 Carc. Cat. 1; R45 Muta. Cat. 2; R46	F+; T R: 45-46-12 S: 53-45 Notes H ; K	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
97780-06-8	Ethametsulfuron methyl	Xi; R36	Xi; R: 36	Conc>=20%; Xi; R36	V	-	-	-	-	-	-	-	-
97862-76-5	Foots oil (petroleum), carbon treated	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-77-6	Foots oil (petroleum), sillicic acid treated	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-78-7	Gas oils, hydrotreated [Gasoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-81-2	Hydrocarbons, C27-42, dearomatized [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-82-3	Hydrocarbons, C17-30, hydrotreated distillates, distn. lights [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-83-4	Hydrocarbons, C27-45, naphthenic vacuum distn. [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-97-0	Petrolatum (petroleum), carbon treated [Petrolatum]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97862-98-1	Petrolatum (petroleum), sillicic acid treated [Petrolatum]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97863-04-2	Slack wax (petroleum), low melting, carbon treated [Slack wax]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97863-05-3	Slack wax (petroleum), low melting, clay treated [Slack wax]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97863-06-4	Slack wax (petroleum), low melting, sillicic acid treated [Slack wax]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H ; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
97888-41-0	Potassium-N(4-toluenesulfonyl)-4- toluenesulfonamide	Xi; R41	Xi; R: 41, S: (2) - 26 - 39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
97926-43-7	Extracts (petroleum) heavy naphtha solvent, clay-treated [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by the treatment of heavy naphthic solvent petroleum extract with bleaching earth. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C6 through C10 and boiling in the range of approximately 80 °C to 180 °C (175 °F to 356 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-
97926-59-5	Gas oils (petroleum), light vacuum, thermal cracked hydrodesulfuriz [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
97926-68-6	Hydrocarbons, C27-45, dearomatized [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
97926-70-0	Hydrocarbons, C20-58, hydrotreated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
97926-71-1	Hydrocarbons, C27-42, naphthenic [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
97926-76-6	Paraffin waxes (coal), brown coal high temp. tar, carbon treated [Coal tar extracts]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
97926-77-7	Paraffin waxes (coal), brown coal high temp. tar, clay treated [Coal tar extracts]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
97926-78-8	Paraffin waxes (coal), brown coal high temp. tar, silicic acid treated [Coal tar extracts]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
98181-47-6	5(or 6)-tert-Butyl-2'-chloro-6'-ethylamino-3',7'-dimethylspiro[isobenzofuran-1(1H)9'-xanthene]-3-one	Xn: R20 N; R50-53	Xn ; N ; R: 20 - 50/53 , S: (2) - 60 - 61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-
98219-46-6	Naphtha (petroleum), light steam-cracked, debenzitized, thermally treated [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by the treatment and distillation of debenzitized light steam-cracked petroleum naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 95 °C to 200 °C (203 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-
98219-47-7	Naphtha (petroleum), light steam-cracked, thermally treated [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by the treatment and distillation of light steam-cracked petroleum naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 through C6 and boiling in the range of approximately 35 °C to 80 °C (95 °F to 176 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-
98219-64-8	Residues (petroleum), steam cracked light, arom. [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-
98377-35-6	1-(2-Chlorophenyl)-1,2-dihydro-5H-tetrazol-5-one	R43 R52-53	Xi R: 43-52/53 S: (2-24/25-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
98737-29-2	tert-Butyl (1S)-N-1'-((2S)-2-oxiranyl)-2-phenylethylcarbamate	N; R50-53	N R: 50/53 S: 60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
98769-75-6	Mixture of (2R,3R)-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate and (2S,3S)-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate	Xn: R22 Xi: R41 N: R51-53	Xn: N R: 22-41-51/53 S: (2)-22-26-39-61	Conc>=25%: Xn: R22; R41 >=10%Conc<25%: Xi: R41 >=5%Conc<10%: Xi: R36	Eu								
98809-11-1	2-[[[4-[6-Bis[[3-(diethylamino)propyl]amino]-1,3,5-triazine-2-yl]amino]phenyl]azo]-N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxobutanamide	Xi: R41 R43 N: R51-53	Xi: N; R: 41 - 43 - 51/53, S: (2) - 24 - 26 - 37/39 - 61	Conc>=10%: Xi: R41; R43 >=5%Conc<10%: Xi: R36; R43 >=1%Conc<5%: Xi: R43	Eu								
98809-58-6	2-Benzotriazol-2-yl-4-methyl-6-(2-methylallyl)phenol	R53	R: 53 S: 61		Eu								
98859-60-0	Fatty acids, C16-C18 and C18 unsatd, esters with acetaldehyde-formaldehyde reaction by-products	R43	Xi R: 43	Conc>=1%: Xi: R43	N								
98886-44-3	Fosthiazate (ISO)	T: R23/25-39 Xn: R21 Xi: R41 R43 N: R50-53	T: N; R: 21-23/25-39-41-43-50/53 Xn R: 20/22-43 S: (2)-24-26-37	Conc>=25%: T; R23/25; R39; R21; R41; R43 >=10%Conc<25%: T; R39; R20/22; R41; R43 >=5%Conc<10%: Xn: R20/22; R68; R36; R43 >=3%Conc<5%: Xn: R20/22; R68; R43 >=1%Conc<3%: Xn: R68; R43	Eu								
99095-19-9	methylpropylaminol-1-hydroxyethylphenol hydrochloride	Xn: R20/22 R43	R: 20/22-43 S: (2)-24-26-37	Conc>=25%: Xn: R20/22; R43 >=1%Conc<25%: Xi: R43	Eu								
99141-89-6	2-(2,4-Bis(1,1-dimethylethyl)phenoxy)-N-(3,5-dichloro-4-ethyl-2-hydroxyphenyl)-hexanamide	R53	R: 53 S: 61		Eu								
99464-83-2	Chloro-1-ethylcyclohexyl carbonate	Multa Cat.3; R68 R43	Xn R: 43-68 S: (2)-23-36/37	Conc>=1%: Xn: R68; R43	Eu								
99469-99-5	Ethyl 2-ethoxy-4-carboxymethylbenzoate	Xi: R41	Xi S: (2)-26-39	Conc>=10%: Xi: R41 >=5%Conc<10%: Xi: R36	Eu								
99607-70-2	Cloquitocet mexyl	Xi: R43	Xi; R: 43	Conc>=1%: Xi: R43	V								
99610-72-7	2-(2-Hydroxy-3,5-dinitroanilino)ethanol	F; R11 Repr. Cat. 3; R62 Xn: R22	F; Xn; R: 11 - 22 - 62 S: (2)-22 - 33 - 36/37	Conc>=25%: R62; R22 >=5%Conc<25%: Xn: R62	Eu								
99688-47-8	Bromobenzylbromotoluene, mixed isomers	Xn: R48/22 R43 N: R50-53	Xn; N; R: 43 - 48/22 - 50/53, S: (2) - 24 - 37 - 41 - 60 - 61	Conc>=10%: Xn: R48/22; R43 >=1%Conc<10%: Xi: R43	Eu								
99788-75-7	1,4-Bis(2,3-dihydroxypropylamino)anthraquinone	N: R51-53	N R: 51/53 S: 61		Eu								
99817-36-4	2,4-Dichloro-3-ethyl-6-nitrophenol	T: R25 R41 R43 R50-53	Xi; T: N R: 25-41-43-50/53 N: S: (1)-26-36/37/39-45-60-61	Conc>=25%: T; R25; R41; R43 >=10%Conc<25%: Xn: R22; R41; R43 >=5%Conc<10%: Xn: R22; R36; R43 >=3%Conc<5%: Xn: R22; R43 >=1%Conc<3%: Xi: R43	Eu								
100011-37-8	Cumene-(cyclopentadienyl)iron(II) hexafluoroantimonate	Xn: R22 Xi: R41 R52-53	Xn; R: 22 - 41 - 52/53 S: (2)-26 - 39 - 61	Conc>=25%: Xn: R22; R41 >=10%Conc<25%: Xi: R41 >=5%Conc<10%: Xi: R36	Eu								
100181-71-3	Isobutyl 3,4-epoxybutyrate	Xi: R38 N: R50-53 R43	Xi; N; R: 38 - 43 - 50/53, S: (2) - 24 - 28 - 36/37 - 60 - 61	Conc>=20%: Xi: R38; R43 >=1%Conc<20%: Xi: R43	Eu								
100418-33-5	2-((4-Methyl-2-nitrophenyl)amino)ethanol	Xn: R22 R43 R52-53	Xn; R: 22 - 43 - 52/53, S: (2) - 36/37 - 61	Conc>=25%: Xn: R22; R43 >=1%Conc<25%: Xi: R43	Eu								
100491-29-0	Ethyl 7-chloro-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylate	R43 N: R51-53	Xi; N R: 43-51/53 S: (2)-22-24-37-61	Conc>=1%: Xi: R43	Eu								
100501-62-0	Ethyl 1-ethyl-6,7,8-trifluoro-1,4-dihydro-4-oxoquinoline-3-carboxylate	R43 R52-53	Xi; R: 43 - 52/53 S: (2)-24 - 37 - 61	Conc>=1%: Xi: R43	Eu								

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
100520-15-8	1,3-Cyclohexadiene-1-carboxylic acid, 4,6,6-trimethyl-, ethyl ester	Xi: R38 R43	Xi R: 38-43	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-
100646-51-3	Quizalclor-p-ethyl	Xn; R22	Xn; R: R: 22 T; R: 45, S: 53 - 45; Notes: H; N	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
100683-97-4	Distillates (petroleum), carbon treated light paraffinic [Gasoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100683-98-5	Distillates (petroleum), intermediate paraffinic, carbon treated [Gasoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100683-99-6	Distillates (petroleum), intermediate paraffinic, clay treated [Gasoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-02-4	Extracts (petroleum), light paraffinic distillate solvent, carbon treated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-03-5	Extracts (petroleum), light paraffinic distillate solvent, clay treated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-04-6	Extracts (petroleum), light vacuum, gas oil solvent, carbon treated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-05-7	Extracts (petroleum), light vacuum gas oil solvent, clay treated [Distillate aromatic extract (treated)]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-53-1	Petrolatum (petroleum), clay treated [Petrolatum]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-57-5	Residual oils (petroleum), carbon treated solvent dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-58-6	Residual oils (petroleum), clay treated solven dewaxed [Baseoil unspecified]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-49-9	Slack wax (petroleum), carbon treated [Slack wax]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; N	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100684-53-3	Tar, coal, high temp., residues [Coal tar solids residue]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45; Notes: H; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
100801-63-6	Hydrocarbon oils, arom., mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction [Heat Treatment Products][Note: The oil obtained from the heat treatment of a polyethylene/polypropylene mixture with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of approximately 70 °C to 120 °C (158 °F to 248 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H; J; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
100801-85-8	Hydrocarbon oils, arom., mixed with polyethylene, pyrolyzed, light oil fraction [Heat Treatment Products][Note: The oil obtained from the heat treatment of polyethylene with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of 70 °C to 120 °C (158 °F to 248 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H; J; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
100801-66-9	Hydrocarbon oils, arom. . mixed with polystyrene, pyrolyzed, light oil fraction [Heat Treatment Products][Note: The oil obtained from the heat treatment of polystyrene with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of approximately 70 °C to 210 °C (158 °F to 410 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
100988-63-4	(6R-trans)-1-((7-Ammonio-2-carboxylato-8-oxo-5-thia-1-azabicyclo-[4.2.0]oct-2-en-3-yl)(methyl)pyridinium iodide	Muta. Cat. 3; R68 R43 N; R51-53	Xn; N R: 43-68-51/53 S: (2-)36/37-61	Conc>=1%; Xn; R68; R43	Eu	-	-	-	-	-	-	-	-
101012-99-9	Dodecanoic acid, cadmium salt, basic	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22	N	-	-	-	-	-	-	-	-
101012-93-5	Octadecanoic acid, cadmium salt, basic	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22	N	-	-	-	-	-	-	-	-
101012-94-6	Octadecanoic acid, 12-hydroxy-, cadmium salt, basic	Xn; R21/22 Xi; R38 R43 N; R50-53	Xn; N ; R: 21/22 - 38 - 43 - 50/53 , S: (2-) - 36/37 - 60 - 61	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
101051-62-1	4-(1(or 4 or 5 or 6)-Methyl-8,9,10-trinorborn-5-en-2-yl)pyridine, mixture of isomers	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 T+; R26 T; R25-48/23/25 Xn; R21	T+ R: 45-46-60-61-21-25-26-48/23/25	Conc>=25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25; R21 >=10%Conc<25%; T+; R45; R46; R60; R61; R26; R25; R48/23/25 >=7%Conc<10%; T+; R45; R46; R60; R61; R26; R48/23/25; R22 >=1%Conc<7%; T; R45; R46; R60; R61; R23; R22; R48/20/22 >=0.5%Conc<1%; T; R45;	N	-	-	-	-	-	-	-	-
101200-48-0	Tribenuron methyl (ISO) [2-[4-Methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoic acid; Methyl 2-(3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)3-methylureidosulphonyl)benzoate]	Xi; N R: 43-50/53 S: (2-)24-37-46-60-61 N; R50-53	Xi; N R: 43-50/53 S: (2-)24-37-46-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
101226-85-1	trans-Methyl-2-ethyl-but-2-enoate	R10	R: 10 S: 23	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
101316-45-4	Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction [Wash oil redistillate](Note: A complex combination of hydrocarbons obtained as a redistillate from the distillation of wash oil. It consists predominantly of 2-ringd aromatic and heterocyclic hydrocarbons boiling in the range of approximately 260°C to 290°C.)	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-49-8	Distillates (coal tar), pitch [Heavy anthracene oil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
101316-56-7	Distillates (petroleum), C7-9, C8-rich, hydrodesulfurized dearomatized [Low boiling point naphtha — unspecified][Note: A complex combination of hydrocarbons obtained by the distillation of petroleum light fraction, hydrodesulfurized and dearomatized. It consists predominantly of hydrocarbons having carbon numbers in the range of C7 through C9, predominantly C8 paraffins and cycloparaffins, boiling in the range of approximately 120 °C to 130 °C (248 °F to 266 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-57-8	Distillates (petroleum), hydrodesulfurized full range middle [Heavy fuel oil]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-58-9	Distillates (petroleum), hydrodesulfurized full range middle coker [Kerosine unspecified]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
101316-59-0	Distillates (petroleum), hydrodesulfurized middle coker [Cracked gasoil]	Carc. Cat. 2; R45	T ; R: 45 , S: 53 - 45 ; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-61-4	Distillates (petroleum), thermal cracked, alkylarom. hydrocarbon rich [Cracked kerosine]	Xn; R65	Xn ; R: 65 , S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
101316-62-5	Extract residues (coal), light oil alk., acid ext., indene fraction [Light Oil Extract Residues, intermediate boiling]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-63-6	Extract residues (coal tar), benzole fraction alk., acid ext. [Light Oil Extract Residues; low boiling][Note: A complex combination of hydrocarbons obtained by the redistillation of the distillate of high temperature coal tar (acid and tar base free). It consists predominantly of unsubstituted and substituted mononuclear aromatic hydrocarbons boiling in the range of 85 °C to 195 °C (185 °F to 383 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-66-9	Hydrocarbons, C6-8, hydrogenated sorption-dearomatized, toluene raffination [Low boiling point naphtha — unspecified][Note: A complex combination of hydrocarbons obtained during the sorptions of toluene from a hydrocarbon fraction from cracked gasoline treated with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C6 through C8 and boiling in the range of approximately 80 °C to 135 °C (176 °F to 275 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-67-0	Hydrocarbons, C6-rich, hydrotreated light naphtha distillates, solvent-refined [Low boiling point modified naphtha][Note: A complex combination of hydrocarbons obtained by distillation of hydrotreated naphtha followed by solvent extraction. It consists predominantly of saturated hydrocarbons and boiling in the range of approximately 65 °C to 70 °C (149 °F to 158 °F.)]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-69-2	Lubricating oils (petroleum), C>25, solvent exhd., desalphalld, dewaxed, hydrogenated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45 ; S: 53 - 45 ; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Lubricating oils (petroleum), C>17-32, solvent-extd., dewaxed, hydrogenated [Baseoil unspecified](Note: A complex combination of hydrocarbons obtained by solvent extraction and hydrogenation of atmospheric distillation residues. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C17 through C32 and produced a finished oil with a viscosity in the order of 17cSt to 23cSt at 40 °C (104 °F).)	Carc. Cat. 2; R45	T ; R: 45, S: 53 - 45; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-70-5													
	Lubricating oils (petroleum), C20-35, solvent extd., dewaxed, hydrogenated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45, S: 53 - 45; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-71-6													
	Lubricating oils (petroleum), C24-50, solvent extd., dewaxed, hydrogenated [Baseoil unspecified]	Carc. Cat. 2; R45	T ; R: 45, S: 53 - 45; Notes: H ; L	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-72-7													
	Naphtha (petroleum), hydrosulfurised full-range coker [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by fractionation from hydrosulfurised coker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 to C11 and boiling in the range of approximately 23 °C to 196 °C (73 °F to 385 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn: R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-76-1													
	Solvent naphtha (petroleum), hydrocracked heavy arom. [Cracked kerosene]	Xn: R65	Xn ; R: 65, S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn: R65	Eu	-	-	-	-	-	-	-	-
101316-80-7													
	Solvent naphtha (petroleum), hydrosulfurized heavy arom. [Kerosene unspecified]	Xn: R65	Xn ; R: 65, S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn: R65	Eu	-	-	-	-	-	-	-	-
101316-81-8													
	Solvent naphtha (petroleum), hydrosulfurized medium [Kerosene unspecified]	Xn: R65	Xn ; R: 65, S: (2) - 23 - 24 - 62 ; Note: H	Conc>=10%; Xn: R65	Eu	-	-	-	-	-	-	-	-
101316-82-9													
	Tar, brown coal	Carc. Cat. 1; R45	T ; R: 45, S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-83-0													
	Tar, brown coal, low temp. .	Carc. Cat. 1; R45	T ; R: 45, S: 53 - 45; Note: H	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-84-1													
	Tar, coal, low-temp., distn. residues [Tar oil, intermediate boiling]	Carc. Cat. 2; R45	T ; R: 45, S: 53 - 45; Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
101316-85-2													
	Tar acids, brown-coal, crude [Crude Phenols](Note: An acidified alkaline extract of brown coal tar distillate. Composed primarily of phenol and phenol homologs.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J , M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-86-3													
	Tar oils, coal, low-temp. [Tar Oil, high boiling](Note: A distillate from low-temperature coal tar. Composed primarily of hydrocarbons, phenolic compounds and aromatic nitrogen bases boiling in the range of approximately 160 °C to 340 °C (320 °F to 644 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J , M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101316-87-4													
	Mixture of compounds from (dodecakis(p-tolylthio)phthalocyaninato)copper(II) to (hexadecakis(p-tolylthio)phthalocyaninato)copper(II)	R43	Xl ; R: 43 S: (2)24 - 37	Conc>=1%; Xl: R43	Eu	-	-	-	-	-	-	-	-
101408-30-4													
	3,5-Dichloro-2,4-difluorobenzoyl fluoride	R23 C: R34 Xn: R22 R43 R29 R52-53	T; R23 C: R34 Xn: R22 R43 R29 R52-53	Conc>=25%; T; R23; R34; R22; R43; R29 >=10%Conc<25%; C: R34; R20; R43; R29 >=5%Conc<10%; Xn: R20; R36/38; R43; R29 S: (1)2 - 26 - 36/37/39 - 45 - >=3%Conc<5%; Xn: R20; R43; R29 >=1%Conc<3%; Xl: R43; R29	Eu	-	-	-	-	-	-	-	-
101513-70-6													

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
101631-13-4	Distillates (petroleum), catalytic cracked heavy tar light [Cracked kerosine]	Xn; R65	Xn; R: 65, S: (2)-23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
101631-14-5	Distillates (petroleum), heavy steam cracked [Cracked gasoil]	Carc. Cat. 2; R45	T: R: 45, S: 53 - 45 ; Note: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
101631-15-6	Distillates (petroleum), steam cracked heavy tar light [Cracked kerosine]	Xn; R65	Xn; R: 65, S: (2)-23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
101631-19-0	Kerosine (petroleum), hydrotreated [Kerosine unspecified]	Xn; R65	Xn; R: 65, S: (2)-23 - 24 - 62 ; Note: H	Conc>=10%; Xn; R65	Eu	-	-	-	-	-	-	-	-
101631-20-3	Naphtha (petroleum), heavy straight run, arom.-contg. [Low boiling point naphtha](Note: A complex combination of hydrocarbons obtained from a distillation process of crude petroleum. It consists predominantly of hydrocarbons having carbon numbers in the range of C8 through C12 and boiling in the range of approximately 130 °C to 210 °C (266 °F to 410 °F).)	R43 R52-53	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101657-77-6		4,4'-Methylenebis(2,6-dimethylphenyl cyanate)	Xi; R: 43 - 52/53 S: (2)/22 - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
101664-25-9		3',5'-Dichloro-2-(2,4-di-tert-pentylphenoxy)-4'-ethyl-2'-hydroxyhexanilide	R: 53, S: 61		Eu	-	-	-	-	-	-	-	-
101794-74-5		Aromatic hydrocarbons, C20-28, polycyclic, mixed coal tar pitch polyethylene polypropylene pyrolysis derived [Pyrolysis products]	T; R: 45, S: 53 - 45 ; Notes: H; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
101794-75-6		Aromatic hydrocarbons, C20-28, polycyclic, mixed coal tar pitch polyethylene pyrolysis derived [Pyrolysis products]	T; R: 45, S: 53 - 45 ; Notes: H; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
101794-76-7	Aromatic hydrocarbons, C20-28, polycyclic, mixed coal tar pitch polystyrene pyrolysis derived [Pyrolysis products]	Carc. Cat. 2; R45	T; R: 45, S: 53 - 45 ; Notes: H; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
101794-90-5	Distillates (coal tar), light oils, neutral fraction [Light Oil Extract Residues, high boiling](Note: A distillate from the fractional distillation of high temperature coal tar. Composed primarily of alkyl-substituted one ring aromatic hydrocarbons boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F). May also include unsaturated hydrocarbons such as indene and coumarone.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101794-91-6	Distillates (coal tar), naphthalene oils, indole-methylnaphthalene fraction [Methylnaphthalene Oil](Note: A distillate from the fractional distillation of high temperature coal tar. Composed primarily of indole and methylnaphthalene boiling in the range of approximately 235 °C to 255 °C (455 °F to 491 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101794-97-2	Hydrocarbons, C8-12, catalytic cracker distillates [Low boiling point cat-cracked naphtha](Note: A complex combination of hydrocarbons obtained by distillation of products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C8 through C12 and boiling in the range of approximately 140 °C to 210 °C (284 °F to 410 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; >=0,1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Naphtha (petroleum), sweetened light [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C5 through C8 and boiling in the range of approximately 20 °C to 130 °C (68 °F to 266 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101795-01-1	Bis(4-fluorophenyl)-methyl-(1,2,4-triazol-4-yl)methylsilane hydrochloride	Xi; R36 N; R51-53	Xi; N; R: 36 - 51/53 , S: (2) - 26 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
	Distillates (coal tar), benzole fraction, BTX-rich [Light Oil Redistillate, low boiling](Note: A residue from the distillation of crude benzole to remove benzole fronts. Composed primarily of benzene, toluene and xylenes boiling in the range of approximately 75 °C to 200 °C (167 °F to 392 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101896-26-8	Distillates (coal tar), naphthalene oils, methylnaphthalene fraction [Methylnaphthalene Oil](Note: A distillate from the fractional distillation of high temperature coal tar. Composed primarily of substituted two ring aromatic hydrocarbons and aromatic nitrogen bases boiling in the range of approximately 225 °C to 255 °C (437 °F to 491 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101896-27-9	Hydrocarbons, C8-12, catalytic cracking, chem. neutralized, sweetened [Low boiling point cat-cracked naphtha]	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
101896-28-0	Sodium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanedisulfate	Xi; R41 R43	Xi R: 41-43 S: (2)-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
10206182-5	4-[3-(Diethoxymethylsilylpropoxy)-2,2,6,6-tetramethyl]piperidine	Xn; R22-48/21 Xi; R38-41 R52-53	Xn ; R: 22 - 38 - 41 - 48/21 - 52/53 S: (2)26 - 36/37/39 - 61	Conc>=25%; Xn; R22; R38; R48/21; R41 >=20%Conc<25%; Xn; R48/21; R38; R41 >=10%Conc<20%; Xn; R48/21; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
102089-33-8	Hydrocarbons, C3-6, C5-rich, steam-cracked naphtha [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by distillation of the products from a steam-cracking process. It consists predominantly of hydrocarbons having carbon numbers in the range of C3 through C6, predominantly C5.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
102110-14-5	Hydrocarbons, C5-rich, dicyclopentadiene-contg. [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by distillation of the products from a steam-cracking process. It consists predominantly of hydrocarbons having carbon numbers of C5 and dicyclopentadiene and boiling in the range of approximately 30 °C to 170 °C (86 °F to 338 °F).)	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Residues (petroleum), steam-cracked light, arom. [Low boiling point naphtha — unspecified](Note: A complex combination of hydrocarbons obtained by the distillation of the products of steam cracking or similar processes after taking off the very light products resulting in a residue starting with hydrocarbons having carbon numbers greater than C5. It consists predominantly of aromatic hydrocarbons having carbon numbers greater than C5 and boiling above approximately 40 °C (104 °F))	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65	T R: 45-46-65 S: 53-45 Notes: H ; P	Conc>=10%; T; R45; R46; R65 >=0.1%Conc<10%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
102110-55-4													
102333-75-5	2-(para-Chlorophenyl)glycineamide	Xi; R41 R43	R: 41-43 S: (2)-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	2-Acetylamino-6-chloro-4-[(4-diethylamino)2-methylphenyl-imino]-5-methyl-1-oxo-2,5-cyclohexadiene	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
102387-48-4													
102561-46-6	Benzy/tri-butylammonium 4-hydroxynaphthalene-1-sulphonate	Xn; R20 N; R51-53	Xn; N ; R; 20 - 51/53 , S: (2) - 22 - 61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
102851-06-9	Tau-fluvalinate [Cyano-(3-phenoxylphenyl) methyl N-[2-chloro-4-(trifluoromethyl)phenyl]-D-valinate]	Xn; R22 Xi; R38 N; R50-53	Xn; N ; R; 22 - 38 - 50/53, S: (2) - 24 - 59 - 61	Conc>=25%; Xn; R22; R38 >=20%Conc<25%; Xi; R38	Eu	-	-	-	-	-	-	-	-
103055-07-8	N-[2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)-phenyl-aminocarbonyl]-2,6-difluorobenzamide	R43 N; R50-53	R: 43 - 50/53 S: (2)-24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
103112-35-2	Ethyl 1-(2,4-dichlorophenyl)-5-(trichloromethyl)-1H-1,2,4-triazole-3-carboxylate	Carc.Cat.2; R45 N; R50-53	R: 45-50/53 S: 53-45-60-61	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
103122-66-3	O-Isobutyl-N-ethoxy carbonylthiocarbamate	R10 Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R22-48/22 R43 N; R51-53	T; N R: 45-46-10-22-43-48/22-51/53 S: 53-45-61 Note: E	Conc>=25%; T; R45; R46; R22; R48/22; R43 >=10%Conc<25%; T; R45; R46; R48/22; R43 >=1%Conc<10%; T; R45; R46; R43 >=0.1%Conc<1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
103146-25-4	(R,S)-4-(4-Dimethylamino-1-(4-fluorophenyl)-1-(hydroxybutyl)-3-(hydroxymethyl)benzonitrile	Xn; R22 R43 N; R51-53	R: 22-43-51/53 S: (2)-36/37-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
103361-09-7	Flumoxazin (ISO) [N-(7-Fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide]	Repr. Cat. 2; R61 N; R50-53	T; N R: 61-50/53 S: 53-45-60-61	Conc>=0.5%; T; R61	Eu	-	-	-	-	-	-	-	-
103577-66-8	2-Hydroxymethyl-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	2,2'-Methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol)	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
103597-45-1													
103694-68-4	3-(2,2-Dimethyl-3-hydroxypropyl)toluene alt] [2,2'-Dimethyl-3-(3-methylphenyl)propanol]	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
	Alcohols, C9-11, ethoxylated propoxylated (Note: Polymeric substances may be placed on the market with a range of molecular weights which will affect the toxicological properties of the substance. The classifications need not apply if it can be shown that the substance placed on the market does not meet the criteria for classification; note 2: The classification for skin irritation need not apply if it can be shown that there are less than four or more than 21 ethoxylate units)	Xn; R22 Xi; R38-41	Xn R: 22-38-41	Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
103818-93-5													
103976-28-9	Diethyl[[p-(ethoxyanilino)methylene]malonate	Xn; R22 N; R51-53	R: 22-51/53 S: (2)-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
103980-44-5	Cetifur hydrochloride (Note: See also CAS No. 80370-57-6 & 104010-37-9)	Xi; R43	Xi ; R: 43	Conc>=1%; Xi; R43	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
104010-37-9	Ceftiofur sodium(Notes: See also CAS No. 80370-57-6 & 103980-44-5)	Xi; R43	Xi ; R: 43	Conc>=1%; Xi; R43	V	-	-	-	-	-	-	-	-
104040-78-0	Flazasulfuron [1-(4,6-Dimethoxypyrimidin-2-yl)-3-(3-trifluoromethyl-2-pyridylsulfonyl)urea]	N; R50-53	N ; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
104051-92-5	Dodecyl-omega-(C5/C6-cycloalkyl)alkyl carboxylate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
104105-46-6	Trisodium (6-anilino-2-(5-nitro-2-oxidophenylazo)-3-sulphonato-1-naphtholato)(4-sulphonato-1,1'-azodi-2,2'-naphtholato)chromate(1-)	Xi; R41 N; R51-53	Xi ; N: R: 41 - 51/53 , S: (2) - 26 - 39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
104147-32-2	3,5-Dichloro-4-(1,1,2,2-tetrafluoroethoxy)aniline	Xn; R22 N; R50-53	Xn; N ; R: 22 - 50/53 , S: (2) - 24/25 - 26 - 57 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
104206-82-8	Mesotrione [2-[4-(Methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione]	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
104218-44-2	1-(3-Mesyloxy-5-trityloxy)methyl-2-D-threofurylthymine	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
104226-19-9	3-(4-(Bis(2-hydroxyethyl)amino)2-nitrophenyl)amino> Xi; R43	R52-53	Xi ; R: 43 - 52/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
104333-00-8	3-(2-Nitro-4-(trifluoromethyl)phenyl)amino)propane-1,2-diol	Xn; R22 R52-53	Xn ; R: 22 - 52/53 S: (2)22 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
104366-25-8	2'-(4-Chloro-3-cyano-5-formyl-2-thienyl)azo-5'-diethylaminoacetanilide	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
104468-21-5	2,2-Dimethyl 3-methyl-3-butenyl propanoate	Xi; R38 R52-53	R: 38-52/53 S: (2)-37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
104541-33-5	2-[2,4-Bis(1,1-dimethyl-ethyl)phenoxy]-N-(2-hydroxy-5-methyl-phenyl)hexanamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
104560-40-9	N,N,N',N'-Tetracyclohexyl-1,3-benzenedicarboxamide	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
104653-34-1	Difethialone	T+; R28	T+ ; R: 28	Conc>=7%; T+; R28; >=1%Conc<7%; T; R25; >=0.1%Conc<1%; Xn; R22	V	-	-	-	-	-	-	-	-
104788-63-8	6-(Nonylamino)-6-oxo-peroxyhexanoic acid	O; R7 Xi; R41 R43 N; R50	O ; Xi ; N ; R: 7 - 43 - 50, Xi; R41 S: (2) - 3/7 - 14 - 26 - 36/37/39 - 61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
104860-26-6	cis-1-(3-(4-Fluorophenoxy)propyl)-3-methoxy-4-piperidinamine	Xn; R21/22-48/22 Xi; R41 N; R50-53	Xn; N R: 21/22-41-48/22-50/53 Xi; R41 S: (2)-26-36/37/39-60-61	Conc>=25%; Xn; R21/22; R48/22; R41 >=10%Conc<25%; Xn; R48/22; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
104872-06-2	(3S,4S)-3-Hexyl-4-[(R)-2-hydroxytridecyl]-2-oxetanone	N; R50-53 Xi; R36 R43	R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
104958-67-0	N-Butyl-2-(4-morpholinylcarbonyl)benzamide	R52-53	Xi ; R: 36 - 43 - 52/53 S: (2)24 - 26 - 37 - 61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
105024-66-6	(4-Ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane	Repr. Cat.2; R60 N; R50-53	T: N R: 60-50/53 S: 53-45-60-61	Conc>=0.5%; T; R60	Eu	-	-	-	-	-	-	-	-
105043-55-8	3-Methyl-N-(5,8,13,14-tetrahydro-5,8,14-trioxanaphth[2,3-c]acridin-6-yl)benzamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
105076-77-5	N-(5-(Bis(2-methoxyethyl)amino)-2-(5-nitro-2,1-benzisothiazol-3-yl)azo)phenylacetamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
105254-85-1	3-(Bis(2-ethylhexyl)aminomethyl)benzothiazole-2(3H)-thione	C; R34 R43 N; R50-53	C ; N ; R: 34 - 43 - 50/53 S: (1)2 - 26 - 28 - 36/37/39 - 45 - 60 - 61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
105488-33-3	3-(3-(4-(2,4-Bis(1,1-dimethylpropyl)phenoxy)butyl)aminocarbonyl-4-hydroxy-1-naphthalenyl)thio)propanoic acid	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
105512-06-9	Clodinafop-propargyl (ISO)	Xn; R22-48/22	Xn; N	Conc>=25%; Xn; R22; R48/22; R43	Eu		-	-	-	-			
		R43	R; 22-43-48/22-50/53	>=10%Conc<25%; Xn; R48/22; R43									
		N; R50-53.	S: (2-24-36/37-46-60-61	>=0.001%Conc<10%; Xi; R43									
105560-93-8	Methyl 2R,3S-(-)-3-(4-methoxyphenyl)oxirane-2-carboxylate	Xi; R41	Xi; R: 41 - 43 - 52/53,	Conc>=10%; Xi; R41; R43	Eu		-	-	-	-			
		R43	>=5%Conc<10%; Xi; R36; R43	>=5%Conc<10%; Xi; R36; R43									
		R52-53	S: (2-24-26-37/39-61	>=1%Conc<5%; Xi; R43									
105726-67-8	Methyl neodecanamide	Xn; R22	Xn	Conc>=25%; Xn; R22	Eu/V		-	-	-	-			
			R: 22										
			S: (2-)										
105812-81-5	(-)-trans-4-(4'-Fluorophenyl)-3-hydroxymethyl-N-methylpiperidine	Xn; R22	Xn; N; R: 22 - 41 - 51/53	Conc>=25%; Xn; R22; R41	Eu		-	-	-	-			
		Xi; R41	S: (2/22-24-26-37/39-61	>=10%Conc<25%; Xi; R41									
		N; R51-53		>=5%Conc<10%; Xi; R36									
105813-13-6	(-)(3S,4R)-4-(4-Fluorophenyl)-3-(3,4-methylenedioxy-phenoxy)methyl-N-benzylpiperidine hydrochloride	Xn; R22	Xn; N	Conc>=25%; Xn; R22; R43	Eu		-	-	-	-			
		R43	R: 22-43-50/53	Conc>=25%; Xn; R22; R43									
		N; R50-53	S: (2-22-24-37-60-61	>=1%Conc<25%; Xi; R43									
105827-91-6	2-Chloro-5-chloromethylthiazole	T; R24		Conc>=25%; T; R24; R34; R22; R43	Eu		-	-	-	-			
		C; R34		>=10%Conc<25%; C; R34; R21; R43									
		Xn; R22	T; N	>=5%Conc<10%; Xn; R21; R36/38; R43									
105996-54-1	N,N'-Bis(trifluoroacetyl)-S,S'-bis-L-homocysteine	R43	R: 22-24-34-43-51/53	>=3%Conc<5%; Xn; R21; R43	Eu		-	-	-	-			
			S: (1/2-26-36/37/39-45-61	>=1%Conc<3%; Xi; R43									
		N; R51-53		Conc>=10%; Xi; R41; R43									
106027-83-2	Lithium 6-acetamidido-4-hydroxy-3-(4-(2-sulphonatoxy)ethylsulphonyl)phenylazo)naphthalene disulfonate	Xi; R41	R: 41-43	>=5%Conc<10%; Xi; R36; R43	Eu		-	-	-	-			
		R43	S: (2-24-26-37/39	>=1%Conc<5%; Xi; R43									
		Xi; R43		Conc>=1%; Xi; R43									
106028-58-4	Tetra lithium 6-amino-4-hydroxy-3-(7-sulfonato-4-(4-sulfonatophenylazo)-1-naphthylazo)naphthalene-2,7-disulfonate	Xi; R43	Xi; R: 43 ,	Conc>=1%; Xi; R43	Eu		-	-	-	-			
			S: (2-24-37										
106264-79-3	6-Methyl-2,4-bis(methylthio)phenylene-1,3-diamine	Xn; R22	Xn; N; R: 22 - 43 - 50/53 ,	Conc>=25%; Xn; R22; R43	Eu		-	-	-	-			
		R43	S: (2-24-37-60-61	>=1%Conc<25%; Xi; R43									
		N; R50-53											
106359-91-5	Trisodium 7-(4-(6-fluoro-4-(2-(2-vinylsulphonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulphonate	Xi; R43	Xi; R: 43 ,	Conc>=1%; Xi; R43	Eu		-	-	-	-			
			S: (2-22-24-37										
106359-93-7	2-(4-(3-(4-Chlorophenyl)-4,5-dihydropyrazolyl)phenylsulphonyl)ethylmethylammo nium hydrogen phosphonate	Xi; R36	Xi; N; R: 36 - 50/53 ,	Conc>=20%; Xi; R36	Eu		-	-	-	-			
		N; R50-53	S: (2-26-60-61										
106359-94-8	2-(2-Cyano-4,6-dinitrophenylazo)-5-(N,N-dipropylamino)propananilide	Xi; R43	Xi; R: 43 - 52/53 ,	Conc>=1%; Xi; R43	Eu		-	-	-	-			
		R52-53	S: (2-22-24-37-61										
106447-44-3	3-(cis-1-Propenyl)-7-amino-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	R43	R: 43	Conc>=1%; Xi; R43	Eu		-	-	-	-			
			S: (2-22-24-37										
106461-41-0	2,4-Dihydro-4-(4-(4-(4-hydroxyphenyl)-1-piperazinyl)phenyl)-2-(1-methylpropyl)-3H-1,2,4-triazol-3-one	Xn; R48/22	Xn; N	Conc>=10%; Xn; R48/22	Eu		-	-	-	-			
		N; R50-53	R: 48/22-50/53										
			S: (2-22-36-60-61										
106700-29-2	Pethoxamide (ISO) [2-Chloro-N-(2-ethoxyethyl)-N-(2-methyl-1-phenylprop-1-enyl)acetamide]	Xn; R22	Xn; N	Conc>=25%; Xn; R22; R43	Eu		-	-	-	-			
		R43	R: 22-43-50/53	Conc>=25%; Xn; R22; R43									
		N; R50-53	S: (2-24-37-46-60-61	>=1%Conc<25%; Xi; R43									
106917-30-0	3-Dodecyl-(1-(1,2,2,6,6-pentamethyl-4-piperidin-1-yl)-2,5-pyrrolidindione	T; R23	T; C; N; R: 22 - 23 - 35 - 48/22 - 50/53	Conc>=25%; T; R23; R35; R22; R48/22	Eu		-	-	-	-			
		Xn; R22-48/22	>=5%Conc<10%; C; R34; R20	10>=5%Conc<25%; C; R35; R48/22; R20									
		C; R35	S: (1/2-26-28-36/37/39-45-60-61	>=3%Conc<5%; Xn; R20; R36/38									
106917-31-1	1-Acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-tetramethylpiperidine	Xi; R38	Xi; N	Conc>=20%; Xi; R38; R43	Eu		-	-	-	-			
		N; R50-53	R: 38-43-50/53	>=1%Conc<20%; Xi; R43									
			S: (2-24-37-60-61										
106990-43-6	N,N',N''-Tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	Xi; R43	Xi; N; R: 43 - 51/53 ,	Conc>=1%; Xi; R43	Eu		-	-	-	-			
		N; R51-53	S: (2-22-24-37-61										
		Xn; R22	Xn; N; R: 22 - 51/53	Conc>=25%; Xn; R22									
107144-30-9	4-(4,4-Dimethyl-3-oxo-pyrazolidin-1-yl)-benzoic acid	N; R51-53	S: (2/22-61		Eu		-	-	-	-		-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
107246-80-0	Tetra lithium 6-amino-4-hydroxy-3-[7-sulfonato-4-(5-sulfonato-2-naphthylazo)-1-naphthylazo]naphthalene-2,7-disulfonate	N R: 51/53 S: 61 N: R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
107534-96-3	1-(4-Chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	Repr. Cat. 3; R63 Xn: R22 N: R51-53	Xn; N R: 22-51/53-63 S: (2-122-36/37-61	Conc>=25%; Xn; R22; R63 >=5%Conc<25%; Xn; R63	Eu	-	-	-	-	-	-	-	-
107551-67-7	3-(3-tert-Butyl-4-hydroxyphenyl)propionic acid	Xn: R22 Xi: R36	Xn; R: 22 - 36, S: (2) - 25 - 26 - 36	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
107628-04-6	Poly(oxy-1,2-ethanediyl), alpha-[2-[(2-hydroxyethyl)amino]-2-oxoethyl]-, [omega-hydroxy, mono- C13-15 alkyl ethers]	Xi: R38	Xi; R: 38	Conc>=20%; Xi: R38	N	-	-	-	-	-	-	-	-
107786-36-7	3-(2-Methoxy-4-methoxycarboxybenzyl)-5-nitroindole	R10 T: R23 Xn: R22 C: R34 N: R51-53	T: N R: 22-51/53-63 S: (2-22-23-34-51/53	Conc>=25%; T; R23; R34; R22 >=10%Conc<25%; C: R34; R20 >=5%Conc<10%; Xn; R20; R36/38 >=3%Conc<5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
107898-54-4	Bis(2,4,4-trimethylpentyl)dithiophosphonic acid	N: R51-53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
107898-54-4	(+/-) Trans-3,3-Dimethyl-5-(2,2,3-trimethyl-cyclopent-3-en-1-yl)-pent-4-en-2-ol	Xi: R38 N: R50-53	Xi; N : R: 38 - 50/53 S: (2)24/25 - 37 - 60 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
107934-68-9	4,4'-(9H-Fluoren-9-ylidene)bis(2-chloroaniline)	N: R51-53	R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
108050-54-0	Tilmicosin	Xn: R20 Xi: R36 R42/43	Xn : R: 20 - 36 - 42/43	Conc>=25%; Xn; R20; R42/43; R36 >=20%Conc<25%; Xn; R42/43; R36 >=1%Conc<20%; Xn; R42/43	V	-	-	-	-	-	-	-	-
108225-03-2	(6-(4-Hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazin-2,4-diy)bis((amino-1-methylethyl)ammonium) formate	Carc. Cat. 2; R45 Xi: R41 N: R51-53	T : N : R: 45 - 41 - 51/53 S: 53 - 45 - 61	Conc>=10%; T; R45; R41 >=5%Conc<10%; T; R45; R36 >=0.1%Conc<5%; T; R45	Eu	-	-	-	-	-	-	-	-
108624-00-6	Lithium sodium hydrogen 4-amino-6-(5-(5-chloro-2,6-difluoropyrimidin-4-ylamino)-2-sulphonatophenylazo)-5-hydroxy-3-(4-(2-(sulphonatooxy)ethylsulphonyl)phenylazo)naphthalen e-2,7-disulphonate	Xi: R43	Xi; R: 43, S: (2) - 22 - 24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
108673-51-4	N-(4-(3-(4-Cyanophenyl)ureido)-3-hydroxyphenyl)-2-(2,4-di-tert-pentylphenoxy)octanamide	Xi: R43 R53	Xi; R: 43 - 53, S: (2) - 24 - 37 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
108919-65-9	2,5-Furandione, polymer with 1-octene, sodium salt	Xi: R36	R: 36	Conc>=20%; Xi: R36	N	-	-	-	-	-	-	-	-
109125-56-6	Tetrasodium 10-amino-6,13-dichloro-3-(3-(4-(2,5-disulfonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)prop-3-ylamino)-5,12-dioxa-7,14-diazapentacene-4,11-disulfonate	Xi: R41	R: 41 S: (2-122-26-39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
109678-33-3	2,2,6,6-Tetrakis(bromomethyl)-4-oxaheptane-1,7-diol	Xi: R43 N: R51-53	Xi; N : R: 43 - 51/53, S: (2) - 22 - 24 - 37 - 41 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
109887-53-8	(+/-)-trans-4-(4-Fluorophenyl)-3-hydroxymethyl-N-methylpiperidine	Xn: R22 Xi: R41 N: R51-53	Xn; N R: 22-41-51/53 S: (2-122-26-39-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
110081-40-8	Potassium sodium 5-(6-chloro-4-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-4'-hydroxy-2,3-azodinaphthalene-1,2',5',7'-disulfonate	R: 52/53 S: 22-61 R52-53	R: 52/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
110235-47-7	Mepanipyrim [4-Methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine]	Carc. Cat. 3; R40 N: R50-53	Xn; N R: 40-50/53 S: (2-136/37-46-60-61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
110260-50-9	2-(4-(4-Cyano-3-methylisothiazol-5-ylazo)-N-ethyl-3-methylanilino)ethyl acetate	Xn: R22-48/22 Xi: R38 R53	Xn : R: 22 - 38 - 48/22 - 53, S: (2) - 22 - 36/37 - 61	Conc>=25%; Xn; R22; R48/22; R38 >=20%Conc<25%; Xn; R48/22; R38 >=10%Conc<20%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
110483-07-3	N-(3-Hexadecyloxy-2-hydroxyprop-1-yl)-N-(2-hydroxyethyl)palmitamide	R: 53 S: 61	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
110488-70-5	4-[3-(4-Chlorophenyl)-3-(4-dimethoxyphenyl)acetoxy]morpholine	N; R51-53	N ; R: 51/53 , S: 61		Eu	-	-	-	-	-	-	-	-
110560-22-0	1-Hydroxy-5-(2-methylpropyloxycarbonylamino)N-(3-dodecyloxypropyl)-2-naphthoamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
110726-28-8	4,4'-(1-[4-(1-(4-Hydroxyphenyl)-1-methylethyl]phenylethylidene)diphenol	R53 Xi: R43 R52-53	R: 53 S: 61 Xi: R: 43 - 52/53 , S: (2) - 36/37 - 61		Eu	-	-	-	-	-	-	-	-
110799-28-5	N-tert-Pentyl-2-benzothiazolesulfenamide	R52-53	Xi: R: 43 - 52/53 , S: (2) - 36/37 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-	-
110877-64-0	2-Chloro-4,5-difluorobenzoic acid	Xn: R21/22 Xi: R41 R43	Conc>=25%; Xn: R21/22; R41; R43 >=10%Conc<25%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43										
110895-43-7	1-(N,N-Dimethylcarbamoyl)-3-tert-butyl-5-carboethoxymethylthio-1H-1,2,4-triazole	T: R23/25 N: R50-53	Xn: R: 21/22 - 41 - 43, S: (2) - 26 - 36/37/39	Conc>=25%; T: R23/25 >=3%Conc<25%; Xn: R20/22	Eu	-	-	-	-	-	-	-	-
111244-14-5	N-[3-(2,4-Di-(1,1-dimethyl-propyl)phenoxy)-propyl]-1-hydroxy-5-(2-methylpropyl-oxy-carbonylamino)-naphthamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
111298-82-9	7-Amino-3-(5-carboxymethyl-4-methyl-1,3-thiazol-2-ylthio)methyl)-8-oxo-5-thia-1-azabicyclo(4,2,0)oct-2-ene-2-carboxylic acid	Xn: R42/43 R52-53	Xn: R: 42/43 - 52/53 , S: (2) - 22 - 24 - 37 - 61	Conc>=1%; Xn: R42/43	Eu	-	-	-	-	-	-	-	-
111337-53-2	Lithium 3-oxo-1,2(1H)-benzisothiazol-2-ide	Xn: R22 C: R34 R43 N: R51-53	C; N: R: 22 - 34 - 43 - 51/53 S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; C: R34; R22; R43 >=10%Conc<25%; C: R34; R43 >=5%Conc<10%; Xi: R36/38; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-	-
111381-11-4	1:1 Mixture of: 2-[[4-[N-ethyl-N-(2-acetoxyethyl)amino]phenyl]azo]-5,6-dichlorobenzothiazole; 2-[[4-[N-ethyl-N-(2-acetoxyethyl)amino]phenyl]azo]-6,7-dichlorobenzothiazole	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
111381-12-5	1:1 Mixture of 2-[[4-bis(2-acetoxyethyl)amino]phenyl]azo]-5,6-dichlorobenzothiazole; 2-[[4-bis(2-acetoxyethyl)amino]phenyl]azo]-6,7-dichlorobenzothiazole	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
111439-76-0	Isobutylisopropyl dimethoxysilane	R10 Xn: R20 Xi: R38	Xn: R: 10 - 20 - 38 , S: (2) - 25 - 26 - 36/37	Conc>=25%; Xn: R20; R38 >=20%Conc<25%; Xi: R38	Eu	-	-	-	-	-	-	-	-
111681-72-2	4-[2-(1-Methyl-2-(4-morpholinyl)ethoxy)ethyl]morpholine	Xi: R41	Xi: R: 41, S: (2) - 26 - 39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
111850-00-1	Mixture of 2,6,9-trimethyl-2,5,9-cyclododecatrien-1-ol and 6,9-dimethyl-2-methylen-5,9-cyclododecatdien-1-ol	N; R51-53	N ; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
111850-24-9	4-(4-Nitrophenylazo)-2,6-di-sec-butyl-phenol	Xn: R48/22 Xi: R36/38 R43 N: R50-53	Xn: N: R: 36/38 - 43 - 48/22 - 50/53 S: (2)/23 - 26 - 36/37 - 60 - 61	Conc>=20%; Xn: R48/22; R36/38; R43 >=10%Conc<20%; Xn: R48/22; R43 >=1%Conc<10%; Xi: R43	Eu	-	-	-	-	-	-	-	-
111850-25-0	4,4',4''-(1-Methylpropan-1-yl-3-ylidene)tris(2-cyclohexyl-5-methylphenol)	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
111879-80-2	Mixture of: (E)-oxacyclohexadec-12-en-2-one and (E)-oxacyclohexadec-13-en-2-one and (Z)-oxacyclohexadec-(12)-en-2-one and (Z)-oxacyclohexadec-(13)-en-2-one	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
111969-64-3	2S-Isopropyl-5R-methyl-1R-cyclohexyl 2,2-dihydroxyacetate	Xn: R48/22 Xi: R41 N: R51-53	Xn: N R: 41-48/22-51/53 S: (2)-22-26-36/39-61	Conc>=10%; Xn: R48/22; R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-	-
111988-49-9	Thiacloprid	Carc. Cat. 3; R40 Repr. Cat. 3; R63 Xn: R20/22-48/22	Conc>=25%; Xn: R40; R63; R20/22; R48/22 >=10%Conc<25%; Xn: R40; R63; R48/22 >=5%Conc<10%; Xn: R40; R63 >=1%Conc<5%; Xn: R40		V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
112006-75-4	2-Aminosulfonyl-N,N-dimethylnicotinamide	R43 R52-53	Xi; R: 43 - 52/53 S: (2)24 - 37 - 61	Conc>=1%; Xi; R43 Conc>=25%; Xn; R22; R37; R41 >=20% Conc<25%; Xi; R37; R41 >=10% Conc<20%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-
112193-77-8	1,4,7,10-Tetraazacyclododecane disulfate	Xn; R22 Xi; R37-41 R52-53	Xn; R: 22 - 37 - 41 - 52/53 S: (2)26 - 36/37/39 - 61	Xn; R: 22 - 37 - 41 - 52/53 S: (2)26 - 36/37/39 - 61	Eu	-	-	-	-	-	-	-
112195-27-4	3-Amino-4-hydroxy-N-(2-methoxyethyl)-benzenesulfonamide	Xi; R41 R43 N; R51-53	Xi; N; R: 41 - 43 - 51/53 S: (2)24 - 26 - 37/39 - 61	Conc>=10%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-
112226-61-6	Benzoic acid, N-tert-butyl-N'-(4-chlorobenzoyl)hydrazide	R43 N; R51-53	R: 43-51/53 S: (2)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-
112281-77-3	Tetraconazole (ISO) [(+/-) 2-(2,4-Dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethyl ether]	Xn; R20/22 N; R51-53	Xn; N R: 20/22-51/53 S: (2)36-61	Conc>=25%; Xn; R20/22	Eu	-	-	-	-	-	-	-
112410-23-8	N-tert-Butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide	N; R51-53	N; R: 51/53 S: 61	N; R: 51/53	Eu	-	-	-	-	-	-	-
112636-83-6	Dicyclanil	Xn; R20/ R22	Xn; R: R: 20/22	Conc>=25%; Xn; R20/22	V	-	-	-	-	-	-	-
112704-51-5	(E)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)propenal	Xi; R36 R43	R: 36-43 S: (2)24-26-37	Conc>=20%; Xi; R36; R43 >=1% Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-
112926-00-8	Silica, amorphous [Silica, amorphous, precipitated and gel]			Precipitated silica (a)	A	Precipitated silica (a)	-	10	-	-	-	(see Silica - Amorphous)
112926-00-8	Silica, amorphous [Silica, amorphous, precipitated and gel]			Diatomaceous earth (uncalcined) (a)	A	Diatomaceous earth (uncalcined) (a)	-	10	-	-	-	(see Silica - Amorphous)
112926-00-8	Silica, amorphous [Silica, amorphous, precipitated and gel]			Fume (thermally generated) (respirable dust)(g)	A	Fume (thermally generated) (respirable dust)(g)	-	2	-	-	-	(see Silica - Amorphous)
112926-00-8	Silica, amorphous [Silica, amorphous, precipitated and gel]			Fumed silica (respirable dust)	A	Fumed silica (respirable dust)	-	2	-	-	-	(see Silica - Amorphous)
112926-00-8	Silica, amorphous [Silica, amorphous, precipitated and gel]			Silica gel (a)	A	Silica gel (a)	-	10	-	-	-	(see Silica - Amorphous)
113036-91-2	Hydroxo(2-(benzenesulfonamido)benzoato)zinc(II)	Xn; R20 N; R51-53	Xn; N; R: 20 - 51/53 , S: (2) - 22 - 57 - 61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-
113136-77-9	Cyclanilide [1-(2,4-Dichloroanilino)carbonyl]cyclopropanecarboxylic acid]	Xn; R22 N; R51-53	R: 22-51/53 S: (2)61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
113171-13-4	5-Amino-N-(2,6-dichloro-3-methylphenyl)-1H-1,2,4-triazole-3-sulfonamide	R: 52/53 R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-
113378-31-7	Semduraminin	T+; R26/28	T+; R: 26/28	Conc>=7%; T+; R26/28 >=1% Conc<7%; T; R23/25 >=0,1% Conc<1%; Xn; R20/22	V	-	-	-	-	-	-	-
113507-06-5	Moxidectin	T; R25-48/25 Xi; R36	T; R: 25 - 36 - 48/25	Conc>=25%; T; R25; R48/25; R36; >=20% Conc<25%; T; R48/25; R22; R36 >=10% Conc<20%; T; R48/25; R22 >=3% Conc<10%; Xn; R22; R48/22 >=1% Conc<3%; Xn; R48/22	V	-	-	-	-	-	-	-
113614-08-7	Beflufutamid (ISO) [(RS)-N-Benzyl-2-(alpha.alpha.alpha.4-tetrafluoro-m-toloxo)butylamide]	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-
113674-95-6	4-(2-Chloro-4-trifluoromethyl)phenoxy-2-fluoroaniline hydrochloride	T; R48/25 Xn; R22-48/20 Xi; R41 R43 N; R50-53	T; N R: 22-41-43-48/20-48/25-50/53 S: (1)2-26-36/37/39-45-60-61	Conc>=25%; T; R48/25; R22; R48/20; R41; R43 >=10% Conc<25%; T; R48/25; R48/20; R41; R43 >=5% Conc<10%; Xn; R48/22; R36; R43 >=1% Conc<5%; Xn; R48/22; R43	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
113694-52-3	Benzyl-2-hydroxydodecyl dimethylammonium benzoate	C: R34	C: N: R: 22 - 34 - 50/53	Conc>=25%: C: R34; R22	Eu								
		Xn: R22	S: (1/2) - 26 - 28 - 36/37/39 - 45 - 60 - 61	>=10%Conc<25%: C: R34									
		N: R50-53		>=5%Conc<10%: Xi: R36/38									
113963-87-4	Potassium 2-(2,4-dichlorophenoxy)-(R)-propionate	Xn: R22		Conc>=25%: Xn: R22; R38; R41; R43	Eu								
		Xi: R38-41	Xn: R: 22 - 38 - 41 - 43	>=20%Conc<25%: Xi: R38; R41; R43									
		R43	S: (2/24 - 26 - 37/39	>=10%Conc<20%: Xi: R41; R43 >=5%Conc<10%: Xi: R36; R43 >=1%Conc<5%: Xi: R43									
114060-55-8	Benzene, diethenyl-, polymer with ethenyl/benzene and ethenylethylbenzene, [bis(phosphonomethyl)aminomethyl] [bis(phosphonomethyl)amino]methyl derivs., sodium salts	Xi: R38	Xi	Conc>=20%: Xi: R38	N								
		Xi: R38	R: 36										
		Xi: R38	S: 25-26										
114119-97-0	2,5,7,7-Tetramethylodanal	Xi: R38	Xi: N: R: 38 - 43 - 51/53,	Conc>=20%: Xi: R38; R43	Eu								
		R43	S: (2) - 24 - 37 - 61	>=1%Conc<20%: Xi: R43									
		N: R51-53	N										
114311-32-9	Imazamox	N: R50-53	R: 50/53		Eu								
			S: 60-61										
114369-43-6	C.I. Direct Yellow 166 [Mixture of 2,2'-iminodietanol 6-methyl-2-(4-(2,4,6-triaminopyrimidin-5-ylazo)phenyl)benzothiazole-7-sulfonate and N,N'-diethylpropane-1,3-diamine 6-methyl-2-(4-(2,4,6-triaminopyrimidin-5-ylazo)phenyl)benzothiazole-7-sulfonate and 2-methylaminoethanol 6-methyl-2-(4-(2,4,6-triaminopyrimidin-5-ylazo)phenyl)benzothiazole-7-sulfonate]	Xn: R22-48/22		Conc>=25%: Xn: R22; R48/22; R38; R41; R43	Eu								
		Xi: R38-41	Xn: N	>=20%Conc<25%: Xn: R48/22; R38; R41; R43									
		R43	R: 22-38-41-43-48/22-50/53	>=10%Conc<20%: Xn: R48/22; R41; R43									
114341-88-7	3-(2-Bromopropionoyl)-4,4-dimethyl-1,3-oxazolan-2-one	N: R50-53	S: (2-26-36/37/39-60-61	>=5%Conc<10%: Xi: R36; R43 >=1%Conc<5%: Xi: R43	Eu								
			N: R: 50/53										
		N: R50-53	S: 60 - 61										
114565-65-0	4-(4-Chlorophenyl)-2-phenyl-2-[(1H-1,2,4-triazol-1-yl)methyl]butanenitrile	Xi: R43	Xi: R: 43	Conc>=1%: Xi: R43	Eu								
			S: (2) - 22 - 24 - 26 - 37										
114565-66-1	4-[4-(1,3-Dihydroxyprop-2-yl)phenylamino]-1,8-dihydroxy-5-nitroanthraquinone	Carc. Cat. 3; R40	Xn: R: 40 - 43 - 53,	Conc>=1%: Xn: R40; R43	Eu								
		Xi: R43	S: (2) - 36/37 - 61										
		R53											
114565-70-7	3-Amino-4-hydroxy-N-(3-isopropoxypropyl)benzenesulfonamide hydrochloride	Xn: R22	Xn: N	Conc>=25%: Xn: R22; R41	Eu								
		Xi: R41	R: 22-41-50/53	>=10%Conc<25%: Xi: R41									
		N: R50-53	S: (2-26-39-60-61	>=5%Conc<10%: Xi: R36									
114625-74-0	2,5-Dihydroxy-5-methyl-3-(morpholin-4-yl)-2-cyclopenten-1-one	Xn: R22	Xn	Conc>=25%: Xn: R22	Eu								
		R52-53	R: 22-52/53										
			S: (2-46-61										
114765-88-7	Mixture of cis-(5-ammonium-1,3,3-trimethyl)-cyclohexanemethylammonium phosphate ((1:1) and trans-(5-ammonium-1,3,3-trimethyl)-cyclohexanemethylammonium phosphate ((1:1)	Xi: R41	Xi: R: 41 - 43 - 52/53	Conc>=10%: Xi: R41; R43	Eu								
		R43	S: (2/24 - 26 - 37/39 - 61	>=5%Conc<10%: Xi: R36; R43									
		R52-53		>=1%Conc<5%: Xi: R43									
114772-40-6	1,1-Dimethylethyl 4'-(bromomethyl)biphenyl-2-carboxylate	R43	Xi	Conc>=1%: Xi: R43	Eu								
		R53	R: 43-53										
			S: (2-22-24-37-61										
115035-41-1	Sodium 3,5-dichloro-2-(5-cyano-2,6-bis(3-ylazo)benzenesulfonate	Xi: R41,	Xi: R: 41 - 52/53,	Conc>=10%: Xi: R41	Eu								
		R52-53	S: (2) - 26 - 61	>=5%Conc<10%: Xi: R36									
115099-55-3	(Tetrasodium 1-(4-(3-acetamido-4-(4'-nitro-2,2'-disulfonatostilben-4-ylazo)anilino)-6-(2,5-disulfonatoanilino)-1,3,5-triazin-2-yl)-3-carboxypyridinium)hydroxide	Xi: R43	Xi: R: 43	Conc>=1%: Xi: R43	Eu								
			S: (2) - 22 - 24 - 37										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
115099-58-6	3-(5-Acetylamino-4-(4-[4,6-bis(3-diethylamino)propylamino]-1,3,5-triazin-2-ylamino)phenylazo)-2-(2-methoxyethoxy)phenylazo)-6-amino-4-hydroxy-2-naphthalenesulfonic acid	N; R50-53	N; R: 50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-
115662-06-1	5,6,12,13-Tetrachloroanthra(2,1,9-def,6,5,10-def')disisquinoline-1,3,8,10(2H,9H)-tetrone	Repr. Cat. 3; R62	Xn; R: R: 62 S: (2)22 - 36/37	Conc>=5%; Xn; R62	Eu	-	-	-	-	-	-	-	-
116163-96-3	P,P',P''-Tetrakis-(o-methoxyphenyl)propane-1,3-diphosphine	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
116230-20-7	2-(2-(2-Hydroxyethoxy)ethyl)-2-azabicyclo[2.2.1]heptane	Xn; R21/22-48/20 Xi; R38-41	Xn; R: R: 21/22 - 38 - 41 - 48/20 S: (2)26 - 36/37/39	Conc>=25%; Xn; R21/22; R48/20; R38; R41 >=20% Conc<25%; Xn; R48/20; R38; R41 >=10% Conc<20%; Xn; R48/20; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
116256-11-2	1-(3-(4-Fluorophenoxy)propyl)-3-methoxy-4-piperidinone	Xn; R22 Xi; R41 R43 N; R51-53	Xn; N R: 22-41-43-51/53 S: (2)22-24-26-37/39-61	Conc>=25%; Xn; R22; R41; R43 >=10% Conc<25%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
116313-85-0	3,4-Dihydroxy-5-nitrobenzaldehyde	Xn; R22 Xi; R41 R43	Xn R: 22-41-43 S: (2)22-24-26-37/39	Conc>=25%; Xn; R22; R41; R43 >=10% Conc<25%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
116340-05-7	Tetrakis(tetramethylammonium) 6-amino-4-hydroxy-3-T; R25 (7-sulfonato-4-(4-sulfonatophenylazo)-1-naphthyl)azobenzene-2,7-disulfonate	T; R25 S: (1)2 - 22 - 24 - 37 - 45 - 61	T; R: 25 - 43 - 52/53 , S: (1)2 - 22 - 24 - 37 - 45 - 61	Conc>=25%; T; R25; R43 >=3% Conc<25%; Xn; R22; R43 >=1% Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-
116412-83-0	4-Chloro-3',4'-dimethoxybenzophenone	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
116633-53-5	Bis(N,N,N',N''-trimethyl-1,4,7-triazacyclonane)-trioxo-dimanganese (IV) di(hexafluorophosphate) monohydrate	N; R51-53	N; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
116753-76-5	O,O-tert-Butyl O-docosyl monoperoxyoxalate	O; R7 N; R50-53	O; N; R7 - 50/53, S: (2) - 7 - 14 - 36/37/39 - 47 - 60 - 61		Eu	-	-	-	-	-	-	-	-
116810-46-9	Tetrakis(trimethylhexadecylammonium) hexa-mu-oxotetra-mu3-oxodi-mu5-oxotetradecaooxiocamolybdate(4-)	F; R11 Xi; R41 N; R50-53	F; Xi; N; R: 11 - 41 - 50/53 S: (2) - 26 - 39 - 60 - 61	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
116889-78-2	Tetrasodium 4-amino-5-hydroxy-6-(4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo)napththalene-3-(4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo)phenylazo 2,7-disulfonate [C.I. Reactive blue 238]	Xi; R43	Xi; R: 43 , S: (2) - 22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
116912-82-0	Tetrasodium[5-((4-amino-6-chloro-1,3,5-triazin-2-yl)amino)-2-(2-hydroxy-3,5-disulfonato-phenylazo)-2-sulfonatobenzylidene-hydrazino]benzoate(copper(II)	R: 53 S: 61 R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
117291-73-3	Methyl [2-(1,1-dimethylethyl)-6-methoxypyrimidin-4-yl]ethylphosphonothioate	Xn; R22 N; R50-53	Xn; N; R: 22 - 50/53 S: (2)3 - 36 - 60 - 61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
117342-25-3	Tetrakis(dimethylditetradecylammonium) hexa-mu-oxotetra-mu3-oxodi-mu5-oxotetradecaooxiocamolybdate(4-)	T; R23 Xi; R41	T R: 23-41 S: (1)2-26-36/37/39-45	Conc>=25%; T; R23; R41 >=10% Conc<25%; Xn; R20; R41 >=5% Conc<10%; Xn; R20; R36 >=3% Conc<5%; Xn; R20	Eu	-	-	-	-	-	-	-	-
117409-78-6	Trilithium-1-hydroxy-7-(3-sulfonatoanilino)-2-(3-methyl-4-(2-methoxy-4-(3-sulfonatophenylazo)phenylazo)phenylazo)naphthalene-3-sulfonate	E; R2 N; R51-53	E; N; R: 2 - 51/53, S: (2) - 35 - 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
117527-94-3	Mixture of: tert-alkyl(C12-C14)ammonium bis[1-[2-hydroxy-5-nitrophenyl]azo]-2-naphthalenolato(2)-chromate(1-); ter-alkyl (C12-C14)ammonium bis[1-[2-hydroxy-4-nitrophenyl]azo]-2-naphthalenolato(2)-chromate(1-); tert-alkyl(C12-C14)ammonium bis[1-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]azo]-2-naphthalenolato(2)]-chromate(1-); tert-alkyl(C12-C14)ammonium-[1-[2-hydroxy-5-nitrophenyl]azo]-2-naphthalenolato(2)]-chromate(1-); tert-alkyl(C12-2-naphthalenolato(2)]-chromate(1-); tert-alkyl(C12-C14)ammonium-[1-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]azo]-2-naphthalenolato(2)]-[1-[2-hydroxy-5-nitrophenyl]azo]-2-naphthalenolato(2)]-chromate(1-); tert-alkyl(C12-C14)ammonium(1-[1-(4-or 5)-nitro-2-oxidophenylazo]-2-naphtholato(1-(3-nitro-2-oxide-5-penylphenylazo)-2-naphtholato)chromate(1-))	N: R51-53 Xn: R22 R52-53	N: R: 51/53 S: 61	Eu	-	-	-	-	-	-	-	-	-
117549-13-0	Cumene-(cyclopentadienyl)iron(II) trifluoromethanesulfonate	Xn: R22 R52-53	Xn: R: 22 - 52/53 S: (2)26 - 61	Conc>=25%: Xn: R22	Eu	-	-	-	-	-	-	-	-
117568-27-1	2-Nitro-4,5-bis(benzyloxy)phenylacetoneitrile	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
117573-89-4	(4-(4-(4-Dimethylaminobenzyliden-1-yl)-3-methyl-5-oxo-2-pyrazolin-1-yl)benzoic acid	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
117584-16-4	3-(2,6-Dichloro-4-nitrophenylazo)-1-methyl-2-phenylindole	N: R50-53	N: R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
117663-11-3	1,3-Di(prop-2,2-dilyl)benzene	R10 O: R7	O: N R: 7-10-51/53		Eu	-	-	-	-	-	-	-	-
117704-25-3	bis(neodecanoylperoxide)	N: R51-53	S: (2)-17-14-36/37/39-47-61		V	-	-	-	-	-	-	-	-
117715-57-8	Doramectin	Xn: R22	Xn: R: 22	Conc >=25%: Xn: R22	Eu	-	-	-	-	-	-	-	-
117718-60-2	7-[(4,6-Dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(4-[(2-sulfonyl)ethyl]sulfonyl)-phenylazo]naphthalene-2-sulfonic acid	Xi: R43 Xn: R20 Xi: R36	Xi: R: 43 S: (2)-22 - 24 - 37	Conc>=1%: Xi: R43 Conc>=25%: Xn: R20; R36	Eu	-	-	-	-	-	-	-	-
117827-06-2	Thiazopyr	Xi: R43 Xi: R41 R43 R 52-53	Xn: R: 43, S: (2)-24 - 37	Conc>=1%: Xi: R43	Eu	-	-	-	-	-	-	-	-
117907-43-4	3',5'-Dichloro-4'-ethyl-2'-hydroxypalmitanilide	Xi: R43 R43	Xi: R: 43, S: (2)-24 - 37	Conc>=10%: Xi: R41; R43 >=5%Conc<10%: Xi: R36; R43 >=1%Conc<5%: Xi: R43	Eu	-	-	-	-	-	-	-	-
118020-93-2	2-[(4-Amino-2-nitrophenyl)amino]benzoic acid	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
118058-74-5	2-(1-Butyl-3,5-dioxo-2-phenyl-(1,2,4)-triazolidin-4-yl)-4,4-dimethyl-3-oxo-N-(2-methoxy-5-(2-(dodecyl-1-sulfonyl)propyl)amino)-phenyl)-pentanamide	Xi: R36	Xi: R: 36 S: (2)-26	Conc>=20%: Xi: R36	Eu	-	-	-	-	-	-	-	-
118134-30-8	Spiroxamine	Xn: R20/21/22 Xi: R38 R43 N: R50-53	Xn: N: R: 20/21/22 - 38 - 43 - 50/53 S: (2)-36/37/39 - 46 - 60 - 61	Conc>=25%: Xn: R20/21/22; R38; R43 >=20%Conc<25%: Xi: R38; R43 >=1%Conc<20%: Xi: R43	Eu	-	-	-	-	-	-	-	-
118208-02-9	2,4-Bis[2',2'-(2-(N,N-dimethylamino)-3-hydroxy-6-methyltetrahydropyran-2-yl)oxy]-2-ethyl-3,4,12-trifluoroxy-9-methoxy-3,5,7,9,11,13-hexamethyl-6,14-dioxo-1-oxacyclotetradecane	Xn: R22 Xi: R41 N: R51-53	Xn: N: R: 22 - 41 - 51/53 S: (2)26 - 39 - 61	Conc>=25%: Xn: R22; R41 >=10%Conc<25%: Xi: R41 >=5%Conc<10%: Xi: R36	Eu	-	-	-	-	-	-	-	-
118232-72-7	Isd(C10-C14)alkyl(3,5-d-tert-butyl-4-hydroxyphenyl)methylthioacetate	N: R50-53	N: R: 50/53, S: 60 - 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
118289-55-7	6-Chloro-5-(2-chloroethyl)-1,3-dihydroindol-2-one	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
118562-73-5	2-Cyclododecylpropan-1-ol	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
118578-11-3	Potassium sodium 5-(4-chloro-6-(N-(4-(4-chloro-6-(5-hydroxy-2,7-disulphonato-6-(2-sulphonatophenylazo)-4-naphthylamino)-1,3,5-triazin-2-ylamino)phenyl)-N-methyl)amino)-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(2-Xi; R36	Xi; R43	Xi; R: 36 - 43; S: (2) - 22 - 24 - 26 - 37	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
118578-14-6	Dimethyl-(3-methyl-4-(5-nitro-3-ethoxycarbonyl-2-thienyl)azo)phenylnitridolpropionate	Xi; R43 R52-53	Xi; R: 43 - 52/53, S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
118612-00-3	N,N-Dimethylanilinium tetrakis(pentafluorophenyl)borate	Carc. Cat.3; R40 Xn; R22 Xi; R38-41	Xn R: 22-38-40-41 S: (2)-22-26-36/37/39	Conc>=25%; Xn; R40; R22; R41; R38 >=20%Conc<25%; Xn; R40; R41; R38 >=10%Conc<20%; Xn; R40; R41 >=5%Conc<10%; Xn; R40; R36 >=1%Conc<5%; Xn; R40	Eu	-	-	-	-	-	-	-	-
118658-98-3	7-[4-(3-Diethylaminopropylamino)-6-(3-diethylammonio)propylamino]-1,3,5-triazin-2-ylamino]-4-hydroxy-3-(4-phenylazophenylazo)-naphthalene-2-sulfonate, acetic acid, lactic acid (2:1:1)	Xn; R48/22 R43 R52-53	Xn R: 43 - 48/22 - 52/53 S: (2)22 - 36/37 - 61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
118685-34-0	Sodium 5-n-butylbenzothiazole	Xn; R22 C; R34 R43 N; R51-53	C; N; R: 22 - 34 - 43 - 51/53, S: (1/2) - 26 - 36/37/39 - 45 - 61	Conc>=25%; C; R34; R22; R43 >=10%Conc<25%; C; R34; R43 S: (1/2) - 26 - 36/37/39 - 45 ->=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
118712-89-3	2,3,5,6-Tetrafluorobenzyl (trans-2-(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate	Xi; R38 N; R50-53	Xi; N; R: 38 - 50/53, S: (2) - 36/37 - 60 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
118800-27-4	(Tris(chloromethyl)phthalocyaninato)copper(II), reaction products with N-methylpiperazine and methoxyacetic acid	Xi; R36	Xi; R: 36, S: (2) - 26	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
119018-29-0	4-(2-(3-Ethyl-4-methyl-2-oxo-pyrrolin-1-yl)carboxamido)ethyl)benzenesulfonamide)	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
119126-15-7	1-[4-Chloro-3-(2,2,3,3,3-pentafluoropropoxy)methyl]phenyl]-5-phenyl-1H-1,2,4-triazole-3-carboxamide	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
119154-86-8	2-(2-Amino-1,3-thiazol-4-yl)-(Z)-2-methoxyiminoacetyl chloride hydrochloride	Xn; R22 C; R34 R43	C; R: 22 - 34 - 43 S: (1/2) - 22 - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R22; R43 >=10%Conc<25%; C; R34; R43 S: (1/2) - 22 - 26 - 36/37/39 ->=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
119299-10-4	Sodium (R)-2-(2,4-dichlorophenoxy)propionate	Xn; R22 Xi; R38-41 R43	Xn; R: 22 - 38 - 41 - 43 S: (2)22 - 26 - 36/37/39	Conc>=25%; Xn; R22; R38; R41; R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
119313-12-1	2-Benzyl-2-dimethylamino-4-morpholinobutyphenone	N; R50-53	N; R: 50/53; S: 60 - 61		Eu	-	-	-	-	-	-	-	-
119415-07-5	C12-14-tert-Alkylamine, methylphosphonic acid salt	Xn; R22 C; R34 N; R51-53	C; N; R: 22 - 34 - 51/53, S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%; C; R22; R34 >=10%Conc<25%; C; R34 S: (1/2) - 26 - 36/37/39 ->=5%Conc<10%; Xi; R36/38 >=5%Conc<10%; Xi; R36; R43	Eu	-	-	-	-	-	-	-	-
119446-68-3	Difenocanazole	Xn; R22 Xi; R36	Xn; R: 22 - 36	Conc>=25%; Xn; R22; R36; >=20%Conc<25%; Xi; R36	V	-	-	-	-	-	-	-	-
119462-56-5	1,3-Bis(3-methyl-2,5-dioxo-1H-pyrrolinylmethyl)benzene	Xn; R48/22 Xi; R41 R43 N; R50-53	Xn; N; R: 41 - 43 - 48/22 - 50/53 S: (2)26 - 36/37/39 - 60 - 61	Conc>=10%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
119515-38-7	Picardin	Xi; R36	Xi; R: 36	Conc>=10%; Xi; R36	V	-	-	-	-	-	-	-	-
119710-96-2	Trisodium N,N-bis(carboxymethyl)-3-amino-2-hydroxypropionate	Xn; R22	Xn R: 22 S: (2)-22	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
119738-06-6	(+)Tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yl)phenoxy]propionate [Quizalafop-P-terfuryl]	Muta. Cat. 3; R68 Repr. Cat. 2; R61 Repr. Cat. 3; R62 N; R22-48/22 N; R50-53	T ; N ; R: 61 - 22 - 48/22 - 62 - 68 - 50/53 S: 53 - 45 - 60 - 61; Note: E	Conc>=25%; T; R68; R61; R62; R22; R48/22 >=10%Conc<25%; T; R68; R61; R62; R48/22 >=5%Conc<10%; T; R68; R61; R62 >=1%Conc<5%; T; R68; R61 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
		Xn; N R: 48/22 S: (2)-22-51/53	R: 48/22-51/53 S: (2)-22-36-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
119916-05-1	Methyl 3-amino-4,6-dibromo-2-methylbenzoate	Xn; R48/22 N; R51-53	R: 48/22-51/53 S: (2)-22-36-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
120029-06-3	Disodium 7-[(4,6-bis(3-diethylaminopropylamino)-1,3,5-triazine-2-yl)amino]-4-hydroxy-3-(4-(4-sulfonatophenylazo)phenylazo)-2-naphthalene sulfonate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
120068-37-3	Fipronil (ISO) [5-Amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-T; R23/24/25-48/25 pyrazole-3-carbonitrile]	T; N R: 23/24/25-48/25-50/53 S: (1/2)-28-36/37-45-60-61	T; N R: 23/24/25-48/25-50/53 S: (1/2)-28-36/37-45-60-61	Conc>=25%; T; R23/24/25; R48/25 >=10%Conc<25%; T; R48/25; R20/21/22 >=3%Conc<10%; Xn; R20/21/22; R48/22 >=1%Conc<3%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
120068-79-3	5-Amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-1H-pyrazole-3-carbonitrile	N R: 51/53 S: 22-61	R: 51/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
120086-58-0	(Z)-13-Docoseny-N,N-bis(2-hydroxyethyl)-N-methyl-ammonium-chloride	C; N R: 34-50/53 S: (2)-26-36/37/39-45-60-61	C; N R: 34-50/53 S: (2)-26-36/37/39-45-60-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
120116-88-3	Cyazafamid (ISO) [4-Chloro-2-cyano-N,N-dimethyl-5-p-lylimidazole-1-sulfonamide]	N; R50-53	R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
120162-55-2	Azimsulfuron (ISO) [1-(4,6-Dimethoxypyrimidin-2-yl)-3-[1-methyl-4-(2-methyl-2H-tetrazol-5-yl)pyrazol-5-ylsulfonyl]urea]	N R: 50/53 S: 60-61	R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
120187-29-3	4-Ethoxy-2-benzimidazoleanilide	Muta. Cat. 3; R68 R53	Xn ; R: 68 - 53 S: (2)/22 - 36/37 - 61	Conc>=1%; Xn; R68	Eu	-	-	-	-	-	-	-	-
120298-38-6	(S,S)-trans-4-(Acetylamino)-5,6-dihydro-6-methyl-7,7-dioxo-4H-thieno[2,3-b]thiopyran-2-sulfonamide	Xi; N R: 43-50/53 S: (2)-24-37-60-61	Xi; N R: 43-50/53 S: (2)-24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
120307-06-4	Tetrabutylammonium butyltriphenylborate	R 43 N; R50-53	Xi; N R: 43-50/53 S: (2)-24-37-56-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
120447-91-8	Potassium 2-amino-2-methylpropionate octahydrate	Xn; R22 C; R35	C ; R: 22 - 35 , S: (1/2) - 26 - 28 - 36/37/39 - >=5%Conc<10%; C; R34 45	Conc>=25%; C; R35; R22 >=10%Conc<25%; C; R35 S: (1/2) - 26 - 28 - 36/37/39 - >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
120578-03-2	trans-3-[2-(7-Chloro-2-quinolinyl)vinyl]benzaldehyde [3-[(E)-2-(7-Chloro-2-quinolinyl)vinyl]benzaldehyde]	R53	R: 53 S: 22-61		Eu	-	-	-	-	-	-	-	-
120606-08-8	Benzyl-N-[2-(2-methoxyphenoxy)ethyl]amine hydrochloride	Xn; R22 Xi; R41 N; R50-53	Xn; N R: 22-41-50/53 S: (2)-22-26-39-60-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
120807-02-5	cis-1-Benzoyl-4-[(4-methylsulfonyloxy)-L-proline	R 52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
120928-09-8	4-[2-[4-(1,1-Dimethylethyl)phenyl]-ethoxy]quinazoline	T; R25 Xn; R20 N; R50-53	T; N R: 20 - 25 - 50/53 S: (1/2) - 37 - 45 - 60 - 61	Conc>=25%; T; R25; R20 >=3%Conc<25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
120983-64-4	Prothioconazole-desfthio	Repr. Cat. 3; R63 Xn; R48/22 Xi; R43	Xn; R: 43-48/22-63	Conc>=10%; Xn; R63; R48/22; R43 >=5%Conc<10%; Xn; R63; R43 >=1%Conc<5%; Xi; R43	V	-	-	-	-	-	-	-	-
121219-07-6	1-Ethoxy-2,3-difluorobenzene	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)-23-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
121246-28-4	N2,N4,N6-Tris[4-[(1,4-dimethylpentyl)amino]phenyl]-1,3,5-triazine-2,4,6-triamine	R43 N; R50-53	Xi; N R: 43-50/53 S: (2)-24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
121315-16-0	trans-N-Methyl-2-styryl-4'-aminomethine-(1'-acetyl-1-(2-methoxyphenyl)acetamido)pyridinium acetate	Xi; R43 N; R51-53	Xi; N; R: 43 - 51/53, S: (2) - 22 - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
121451-05-6	3,5-Dichloro-2-fluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline	Xn; R22 R43 N; R50-53	Xn; N R: 22-43-50/53 S: (2)-24-37-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
121487-83-0	4-((4-(Diethylamino)-2-ethoxyphenyl)imino)-1,4-dihydro-1-oxo-N-propyl-2-naphthalenecarboxamide	R53	R: 53 S: 61	-	Eu	-	-	-	-	-	-	-	-
121518-45-4	2,4-Dichloro-3-ethylphenol	C; R34 N; R50-53	C; N; R: 34 - 50/53 , S: (1/2) - 26 - 36/39 - 45 - 60 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
121552-61-2	Cyprodinil [4-Cyodopropyl-6-methyl-N-phenylpyrimidin-2-amine]	Xn; R48/22 Xi; R43 N; R50-53	Xn; N R: 43-48/22-50/53 S: (2)-24-37-46-60-61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu/V	-	-	-	-	-	-	-	-
121575-60-8	Pitch, coal tar, high temp., heat treated [Pitch]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
121620-46-0	Distillates (coal tar), benzole fraction, distn. residues [Wash Oil](Note: A complex combination of hydrocarbons obtained from the distillation of crude benzole (high temperature coal tar). It may be a liquid with the approximate distillation range of 150 °C to 300 °C (302 °F to 572 °F) or a semi-solid or solid with a melting point up to 70 °C (158 °F). It is composed primarily of naphthalene and alkyl naphthalenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H; J; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
121620-47-1	Extract residues (coal), naphthalene oil, alk. [Naphthalene Oil Extract Residue](Note: A complex combination of hydrocarbons obtained from the alkali washing of naphthalene oil to remove phenolic compounds (tar acids). It is composed of naphthalene and alkyl naphthalenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H; J; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
121620-48-2	Extract residues (coal), naphthalene oil, alk., naphthalene-low [Naphthalene Oil Extract Residue](Note: A complex combination of hydrocarbons remaining after the removal of naphthalene from alkali-washed naphthalene oil by a crystallization process. It is composed primarily of naphthalene and alkyl naphthalenes.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H; J; M	Conc>=0,1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
121626-73-1	1-Allyl-3-chloro-4-fluorobenzene	Xi; R38 N; R51-53	Xi; N; R: 38 - 51/53 S: (2)/23 - 37 - 61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
121626-74-2	1-(3-(3-Chloro-4-fluorophenyl)propyl)(dimethylsilyl)-4-ethoxybenzene	N; R51-53	N; R: 51/53 S: 61	-	Eu	-	-	-	-	-	-	-	-
122012-52-6	Diamminedisocyanatozinc	Xn; R22 Xi; R41 R42/43 N; R50	Xn; N; R: 22 - 41 - 42/43 - 50 S: (2) - 22 - 26 - 36/37/39 - 41 - 61	Conc>=25%; Xn; R22; R42/43; R41 >=10%Conc<25%; Xn; R42/43; R41 >=5%Conc<10%; Xn; R42/43; R36 >=1%Conc<5%; Xn; R42/43	Eu	-	-	-	-	-	-	-	-
122035-71-6	Oxo-((2,2,6,6-tetramethylpiperidin-4-yl)amino)carbonylacetohydrazide	Xi; R41 R43	Xi; R: 41 - 43 S: (2)/8 - 22 - 24 - 26 - 30 - 37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
122070-78-4	Phenanthrene, distn. residues [Heavy anthracene oil redistillate]	Carc. Cat. 2; R45	T; R: 45; S: 53 - 45; Notes: H; M	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
122070-79-5	Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oils [Redistillates](Note: A neutral oil obtained by debasing and dephenolating the oil from the distillation of high temperature tar and pyrolysis residual oils which has a boiling range of 225 °C to 255 °C (437 °F to 491 °F). Composed primarily of substituted dinuclear aromatic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
122070-80-8	Extract oils (coal), coal tar residual pyrolysis oils, naphthalene oil, distn. residues [Redistillates](Note: Residue from the distillation of dephenolated and debased methylnaphthalene oil (from bituminous coal tar and pyrolysis residual oils) with a boiling range of 240 °C to 260 °C (464 °F to 500 °F). Composed primarily of substituted dinuclear aromatic and heterocyclic hydrocarbons.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
122371-93-1	2'-(4-Chloro-3-cyano-5-formyl-2-thienylazo)-5'-diethylamino-2-methoxyacetanilide	R43 R53	Xi R: 43 - 53 S: (2)22 - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
122384-77-4	Extract residues (coal), creosote oil acid [Wash Oil Extract Residue](Note: A complex combination of hydrocarbons from the base-freed fraction from the distillation of coal tar, boiling in the range of approximately 250 °C to 280 °C (482 °F to 536 °F). It consists predominantly of biphenyl and isomeric diphenyl/naphthalenes.)	Carc. Cat. 2; R45	T R: 45 S: 53-45 Notes: H ; M	Conc>=0.1%; T; R45	Eu	-	-	-	-	-	-	-	-
122384-78-5	Extract residues (coal), low temp. coal tar alk (Note: The residue from low temperature coal tar oils after an alkaline wash, such as aqueous sodium hydroxide, to remove crude coal tar acids. Composed primarily of hydrocarbons and aromatic nitrogen bases.)	Carc. Cat. 2; R45 Muta. Cat. 2; R46	T R: 45-46 S: 53-45 Notes: H ; J ; M	Conc>=0.1%; T; R45; R46	Eu	-	-	-	-	-	-	-	-
122384-85-4	Phenol, tetrapropylene-, sulfurized, calcium salts(Note: The classification for reproductive toxicity need not apply if it can be shown that the substance contains less than 0.5 % unreacted tetrapropenyl phenol (TPP)/CaTPP)	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	N	-	-	-	-	-	-	-	-
122384-86-5	Phenol, tetrapropylene-, sulfurized, carbonates, calcium salts(Note: The classification for reproductive toxicity need not apply if it can be shown that the substance contains less than 0.5 % unreacted tetrapropenyl phenol (TPP)/CaTPP.)	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	N	-	-	-	-	-	-	-	-
122384-87-6	Phenol, tetrapropylene-, sulfurized, carbonates, calcium salts, overbased(Note: The classification for reproductive toxicity need not apply if it can be shown that the substance contains less than 0.5 % unreacted tetrapropenyl phenol (TPP)/CaTPP.)	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	N	-	-	-	-	-	-	-	-
122453-73-0	Chlorfenapyr (ISO) [4-Bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile]	T; R23 Xn, R22 N; R50-53	T; N R: 22-23-50/53 S: (1/2-1)3-36/37-45-60-61	Conc>=25%; T; R23; R22 >=3%Conc<25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
122630-55-1	Dimethyl 3,3'-(N-(4-(4-bromo-2,6-dicyanophenylazo)-3-hydroxyphenyl)imino)diisopropionate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
122665-86-5	Ethyl (3-cyanomethyl-3,4-dihydro-4-oxophthalazin-1-yl)acetate	R43 R52-53	Xi R: 43-52/53 S: (2-3)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Xi: R38 R43 N: R51-53	Xi: N: R: 38 - 43 - 51/53, S: (2) - 24 - 37 - 61	Conc>=20%; Xi: R38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-
122760-84-3	4-Methyl-8-methylenetricyclo[3.3.1.1 ⁷ decan-2-ol											
		Xi: R38 R43 N: R51-53	Xi: N: R: 38 - 43 - 51/53 S: (2)36/37 - 61	Conc>=20%; Xi: R38; R43 >=1%Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-
122760-85-4	4-Methyl-8-methylenetricyclo[3.3.1.1 ⁷ decan-2-ol acetate											
		R: 53 S: 61										
122886-55-9	N,N'-(Methylenedi-4,1-phenylene)bis[N'-octylurea]											
		Xi: R36 R53	Xi: R: 36 - 53 , S: (2) - 26 - 39 - 61	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-
123312-54-9	Dimethyldi(2,4,6-trimethylphenyl)hydrogen sulfate											
		Xi: R36 R53	Xi: R: 36 - 53 , S: (2) - 26 - 39 - 61	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-
123312-89-0	Pymetrozine (ISO) [(E)-4,5-Dihydro-6-methyl-4-(3-pyridylmethyl)eneamino]-1,2,4-triazin-3(2H)-one]											
		Carc. Cat3: R40 R52-53	Xn R: 40-52/53 S: (2) 36/37-61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-
123333-53-9	1-Hydroxybenzotriazole, monohydrated(Notes: see also CAS No. 2592-95-2)											
		E: R2	R: 2 S: 16-35		Eu	-	-	-	-	-	-	-
123439-82-7	Tetraamine platinum (II) hydrogen carbonate											
		Xn: R22 Xi: R41 R52-53	Xn R: 22-41-52/53 S: (2) 22-26-39-61	Conc>=25%; Xn; R22, R41 >=10%Conc<25%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
123590-00-1	N-[2-(1-Allyl-4,5-dicyanimidazol-2-ylazo)-5-(di-propylamino)phenyl]-acetamide											
		R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
123599-82-6	[2-Methyl-1-(1-oxopropyl)propoxy](4-phenylbutyl)phosphine acetic acid											
		Xi: R36	Xi: R: 36 S: (2)-26	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-
123748-85-6	8,9-Dinorborn-5-ene-2,3-dicarboxylic anhydride											
		Xn: R22 Xi: R36/37/38 R42	Xn: R: 22 - 36/37/38 - 42 , S: (2) - 39 ; Note: C	Conc>=25%; Xn: R22, R36/37/38; R42, >=10%Conc<25%; Xn; R36/37/38; R42 >=1%Conc<10%; Xn; R42	Eu	-	-	-	-	-	-	-
123968-25-2	2-(1-(2-Hydroxy-3,5-di-tert-pentyl-phenyl)ethoxy)-4,6-di-tert-pentylphenyl acrylate											
		R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
124071-40-5	Mixture of: (E)-2,12-tridecadienitrile and (E)-3,12-tridecadienitrile and (Z)-3,12-tridecadienitrile											
		N R: 50/53 S: 60-61			Eu	-	-	-	-	-	-	-
124172-53-8	N,N'-1,6-Hexanediybis(N-(2,2,6,6-tetramethyl-piperidin-4-yl)formamide											
		Xi: R36 R52-53	Xi: R: 36 - 52/53 S: (2)26 - 61	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-
124379-29-9	(S)-4-(3,4-Dichlorophenyl)-3,4-dihydro-2H-naphthalen-1-one											
		R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
124495-18-7	Quinoxifen											
		Xi: R43 N: R50-53	Xi: N: R: 43 - 50/53, S: (2) - 24 - 37 - 46 - 60 - 61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-
124537-30-0	Hexakis(tetramethylammonium) 4,4'-vinylenebis((3-sulfonato-4,1-phenylene)imino(6-morpholino-1,3,5-triazine-4,2-diyl)imino)bis(5-hydroxy-6-phenylazobenzophthalene-2,7-disulfonate											
		T: R25 R43 R52-53	Conc>=25%; T: R25; R43 >=3%Conc<25%; Xn: R22; R43 S: (1/2) - 24 - 37 - 45 - 61		Eu	-	-	-	-	-	-	-
124584-00-5	3(or 5)-(4-(n-Benzyl-N-ethylamino)-2-methylphenylazo)-1,4-dimethyl-1,2,4-triazolium methylsulphate											
		Xn: R22 Xi: R41 R43 N: R51-53	Xn: N: R: 22 - 41 - 43 - 51/53, S: (2) - 22 - 24 - 26 - 37/39 - 61	Conc>=25%; Xn: R22; R41; R43 >=10%Conc<25%; Xi: R41; R43 >=5%Conc<10%; Xi: R36; R43 >=1%Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-
124605-82-9	Tetra-sodium/lithium 4,4'-bis-(8-amino-3,6-disulfonato-1-naphthol-2-ylazo)-3-methylazobenzene											
		R43 N: R51-53	Xi: N R: 43-51/53 S: (2)-24-28-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-
124655-09-0	D-Erythro-hexanoic acid 2,4-dideoxy-3,5-O-(1-methylethylidene)-1,1-dimethylethylester [tert-Butyl 2-[(4R,6S)-6-(hydroxymethyl)-2,2-dimethyl-1,3-dioxan-4-yl]acetate]											
		Xn: R22	Xn R: 22 S: (2) 25	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-
124719-24-0	Sodium ((N-(3-trimethylammonio)propyl)sulfamoyl)methylsulfonatophthalocyaninato)copper(II)											
		Xi: R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
124719-26-2	4-(3,4-Dichlorophenylazo)-2,6-di-sec-butyl-phenol											
		Xn: R48/22 Xi: R38 N: R50-53	Xn: N: R: 38 - 48/22 - 50/53 S: (2)23 - 25 - 36/37 - 60 - 61	Conc>=20%; Xn; R48/22; R38 >=10%Conc<20%; Xn; R48/22	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes		
124737-31-1	4-Dimethylaminobenzenediazonium 3-carboxy-4-hydroxybenzenesulfonate	E; R2 T; R23/25 Xn: R21-48/22 Xi: R41 R43 N; R50-53	E ; T ; N ; R : 2 - 21 - 23/25 - 41 - 43 - 48/22 - 50/53 , S : (1/2) - 3 - 12 - 26 - 35 - 36/37/39 - 45 - 61	Conc>=25%; T; R23/25; R21-48/22; R41; R43 >=10%Conc<25%; Xn; R20/22; R48/22; R41; R43 >=5%Conc<10%; Xn; R20/22; R36; R43 >=3%Conc<5%; Xn; R20/22; R43 >=1%Conc<3%; Xi; R43	Eu	-	-	-	-	-	-	-	-		
		F; R11 Repr. Cat. 3; R62 Bis(eta5-cyclopentadienyl)-bis(2,6-difluoro-3-pyrrol-1-yl-phenyl)titanium	F ; Xn ; N ; R : 11 - 48/22 - 62 - 51/53 S : (2/7 - 22 - 33 - 36/37 - 61	Conc>=10%; Xn; R62; R48/22 >=5%Conc<10%; Xn; R62 Conc>=25%; Xn; R22; R38; R41 >=20%Conc<25%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-		
		R10 Xn: R22 Xi: R38-41 N: R51-53	Xn ; N ; R : 10 - 22 - 38 - 41 - 51/53 S : (2/26 - 37/39 - 61	N ; R : 51/53	Eu	-	-	-	-	-	-	-	-	-	
		N: R51-53	S: 61	Eu	-	-	-	-	-	-	-	-	-	-	-
		Repr. Cat. 3; R63 Xn: R22 N: R51-53	Xn; N R: 22-63-51/53 S: (2-36/37-46-61	Conc>=25%; Xn; R63; R22 >=5%Conc<25%; Xn; R63	Eu	-	-	-	-	-	-	-	-	-	-
125139-08-4	Poly(vinyl acetate), partially hydrolyzed, with (E)-2-(4-formylstyryl)-3,4-dimethylthiazolium methyl sulfate, reaction products of	R52-53	R: 52/53, S: 61	Eu	-	-	-	-	-	-	-	-	-	-	
125224-62-6	1S)-2-Methyl-2,5-diazobicyclo[2.2.1]heptane dihydrobromide	R43	Xi R: 43 S: (2)/24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-	-	
125225-28-7	Iponazole	Xn: R20/22	Xn; R: R: 20/22	Conc>=25%; Xn: R20/22	V	-	-	-	-	-	-	-	-	-	
125229-74-5	Copolymer of vinyl-alcohol and vinyl acetate partially acetylized with 4-(2-(4-formylphenyl)ethenyl)-1-methylpyridinium methylsulfate	N: R51-53	N R: 51/53 S: 61	Eu	-	-	-	-	-	-	-	-	-	-	
125328-86-1	Lithium 1-amino-4-(4-tert-butylanilino)anthraquinone-2-sulfonate	N: R51-53	Xi ; N ; R : 41 - 43 - 51/53 S : (2)/22 - 26 - 36/37/39 - 61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-	-	
125474-34-2	(E,E)-3,7,11-Trimethyldodeca-1,4,6,10-tetraen-3-ol	Xi: R38-41 R43 N: R50-53	Xi; N R: 38-41-43-50/53 S: (2-23-24-26-37/39-60-61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-	-	
125496-22-2	18-Methylnonadecyl 2,2-dimethylpropanoate	Xi: R38 R43 R53	Xi R: 38-43-53 S: (2-24-37-61	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-	-	
125613-45-8	Methyl(5-hexenyl)dichlorosilane, hydrolysed [alpha,omega-dihydroxypoly(hex-5-en-1-yl)methylsiloxane]]	N: R51-53	N ; R : 51/53 S: 61	Eu	-	-	-	-	-	-	-	-	-	-	
125630-94-6	Ethyl N-(5-chloro-3-(4-(diethylamino)-2-methylphenylimino)-4-methyl-6-oxo-1,4-cyclohexadienyl)carbamate	N: R50-53	N R: 50/53 S: 60-61	Eu	-	-	-	-	-	-	-	-	-	-	
125643-61-0	Reaction mass of isomers of C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propanoate	R53	R: 53 S: 61	Eu	-	-	-	-	-	-	-	-	-	-	
125778-19-0	Methyl (E)-2/((3-(1,3-benzodioxol-5-yl)-2-methyl-1-propenyl)amino)benzoate	N: R50-53	R: 50/53 S: 60-61	Eu	-	-	-	-	-	-	-	-	-	-	
125792-14-5	Tributyltetradecylphosphonium tetrafluoroborate	Xn: R22-48/22 C: R34 R43 N: R50-53	C ; N ; R : 22 - 34 - 43 - 48/22 - 50/53 S : (1/2) - 26 - 28 - 36/37/39 - 45 - 60 - 61	Conc>=25%; C: R22; R34; R48/22; R43 >=10%Conc<25%; C: R34; R48/22; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-	-	
125804-10-6	9,12-Octadecanoic acid (Z,Z)-, dimer, compound with (Z,Z)-N-[3-(dimethylamino)propyl]-9, 12-octadecadienamide (1:1) [Linoleamidopropyl dimethylamine dimer dilinoleate; Bis (linoleamidopropyl dimethyl amine) dimer dilinoleate]	Xi: R38 R43	Xi; R: 38 - 43	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-	-	

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
125804-20-8	2-Methyl-3-(trimethoxysilyl)propyl-2-propenoate hydrolysis product with silica	F: R11 Xi: R36 R67	F: Xi R: 11-36-67 S: (2)-16-26	Conc>=20%; Xi: R36	Eu	-	-	-	-	-	-	-
125971-57-5	4-Methyl-3-oxo-N-phenyl-2-(phenylmethylene)pentanamide	R43 N: R51-53	R: 43-51/53 S: (2)-22-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-
125971-96-2	4-(4-Fluorophenyl)-2-(2-methyl-1-oxopropyl)-4-oxo-3-N-diphenylbutanamide	R: 53 S: 61 R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
126050-54-2	2,2'-Methylenebis(4,6-di-tert-butyl-phenyl)-2-ethylhexyl phosphite	R: 53 S: 61 R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
126637-70-5	Dilithium disodium (5,5'-diamino-(4,4'-dihydroxy-1,2-k-2,O4,O4',-3,3'-[3,3'-dihydroxy-1,2-k-2-O3,O3'-biphenyl-4,4'-ylenebisazo-1,2-(N3,N4-eta-N3',N4'-eta)]-dinaphthalene-2,7-disulfonato(8))dicuprate(2-)	Xn: R22 R43	Xn: R: 22 - 43 S: (2)-22 - 24 - 37	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-
126801-58-9	Ethoxysulfuron [1-(4,6-dimethoxypyrimidin-2-yl)-3-(2-ethoxyphenoxysulfonyl)urea	N: R50-53	N: R: 50/53 S: 60 - 61	N: R: 50/53	Eu	-	-	-	-	-	-	-
126833-17-8	Fenhexamid [N-(2,3-Dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamid]	N: R51-53	N: R: 51/53 S: 61		Eu	-	-	-	-	-	-	-
126990-35-0	Dicyclopentyl-dimethoxysilane	Xi: R38-41 N: R50-53	Xi: N R: 38-41-50/53 S: (2)-26-37/39-60-61	Conc>=20%; Xi: R38; R41 >=10%Conc<20%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
127047-77-2	2-(2-Iodoethyl)-1,3-propanediol diacetate	Xn: R22 N: R51-53	Xn: N; R: 22 - 51/53 S: (2)36 - 61	Conc>=25%; Xn: R22	Eu	-	-	-	-	-	-	-
127474-91-3	Bis(2-ethylhexyl) naphthalene-2,6-dicarboxylate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-
127519-17-9	Mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates	N: R51-53	N: R: 51/53 S: 61		Eu	-	-	-	-	-	-	-
128173-52-4	(S)-4-(4-Dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile	Xn: R22 R43 N: R51-53	Xn: N R: 22-43-51/53 S: (2)-38/37-61	Conc>=25%; Xn: R22; R43 >=1%Conc<25%; Xi: R43	Eu	-	-	-	-	-	-	-
128275-31-0	6-(Phthalimido)peroxyhexanoic acid	O: R7 Xi: R41 N: R50	O: Xi: N R: 7-41-50 S: (2)-37-14-26-36/37/39-61	Conc>=10%; Xi: R41 >=5%Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
128639-02-1	Carfentrazone-ethyl (ISO) [Ethyl (RS)-2-chloro-3-[2-chloro-4-fluoro-5-[4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]propionate]	N: R50-53	N: R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-
129050-62-0	Trisodium N,N-bis(carboxymethyl)-beta-alanine	C: R34 R52-53	C: R: 34-52/53 S: (1/2)-26-36/37/39-45-61	Conc>=10%; C: R34 >=5%Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-
129205-19-2	2,4-Dihydroxy-N-(2-methoxyphenyl)benzamide	R43 N: R51-53	Xi: N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-
129217-90-9	Reaction products of: aniline-terephthalaldehyde-o-toluidine condensate with maleic anhydride	R43 N: R51-53	R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-
129228-11-1	2-Isopropyl-2-(1-methylbutyl)-1,3-dimethoxypropane	Xi: R38 N: R51-53	Xi: N; R: 38 - 51/53 S: (2)36/37 - 61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-
129228-21-3	2-Isobutyl-2-isopropyl-1,3-dimethoxypropane	Xi: R38 N: R51-53	Xi: N R: 38-51/53 S: (2)-23-37-61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-
129496-10-2	Milbemycin oxime	Xn: R20 Xi: R36	Xn: R: 20 - 36	Conc>=25%; Xn: R20; R36 >=20%Conc<25%; Xi: R36	V	-	-	-	-	-	-	-
129604-78-0	N-(5-Chloro-3-(4-(diethylamino)-2-methylphenyl)imino-4-methyl-6-oxo-1,4-cyclohexadien-1-yl)benzamide	R43	Xi: R: 43 S: (2)24 - 37	Conc>=1%; Xi: R43	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
129630-17-7	Pyraflufen (ISO) [2-Chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetic acid](Note: see also CAS No. 129630-19-9)	N; R50-53	N		Eu								
			R: 50/53 S: 60-61										
129630-19-9	Pyraflufen-ethyl (ISO) [2-Chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetic acid ethyl ester](Note: see also CAS No. 129630-17-7)	N; R50-53	N		Eu								
			R: 50/53 S: 60-61										
130014-35-6	2,3-Epoxypropyl-2-ethylcyclohexyl ether [Ethylcyclohexylglycidyl ether]	Xi; R36/38 R43	Xi; R: 36/38 - 43 S: (2) - 26 - 28 - 37/39	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	Eu								
			N										
130016-98-7	N-[4-(4-Cyano-2-furfurylidene-2,5-dihydro-5-oxo-3-furyl)phenyl]butane-1-sulfonamide	N; R50-53 R43	R: 50/53 S: 60-61		Eu								
			Xi; N; R: 43 - 50/53 S: (2)/24 - 37 - 60 - 61										
130066-57-8	Bis[4-(ethenyl)oxy]butyl 1,3-benzenedicarboxylate (vinylsulfonyl)ethoxy(ethylamino)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo)benzylidenetrihydrazino)-4-sulfonatobenzoato)copper(II)	N; R50-53	Xi	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu								
			R: 41 S: (2)-26-39										
130201-51-3	Tetrasodium 5-[4-chloro-6-(N-ethyl-anilino)-1,3,5-triazin-2-ylamino]-4-hydroxy-3-(1,5-disulfonatophthalen-2-ylazo)-naphthalene-2,7-disulfonate	Xi; R41	Xi; N; R: 41 - 43 - 51/53 S: (2)/22 - 24 - 26 - 37/39 - 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu								
			Xi										
130201-57-9	6-Docosyloxy-1-hydroxy-4-(1-(4-hydroxy-3-methylphenanthren-1-yl)-3-oxo-2-oxaphenalen-1-yl)naphthalene-2-carboxylic acid	Xi; R43 R53	Xi; R: 43 - 53 S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu								
			Xn; N; R: 22 - 50/53 S: (2) - 22 - 60 - 61										
130296-87-6	Mixture of hydroxyaluminium bis[2-hydroxy-3,5-di-tert-butylbenzoate] and 3,5-di-tert-butyl-salicylic acid	N; R50-53	Xn; N; R: 22 - 50/53 S: (2) - 22 - 60 - 61	Conc>=25%; Xn; R22	Eu								
			Xi; N R: 43-51/53 S: (2)-24-37-61										
130603-71-3	3-(6-O-(6-Desoxy-alpha-L-mannopyranosyl-O-(alpha-D-glucopyranosyl)-(beta-D-glucopyranosyl)oxy)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one	N; R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu								
			Muta. Cat. 3; R68										
130728-76-6	N,N,N',N'-Tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane	R43 N; R51-53	Xn; N; R: 43 - 68 - 51/53 S: (2)/36/37 - 61	Conc>=1%; Xn; R68; R43	Eu								
			N										
130755-46-3	4,4'-Dithiobis(5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-1H-pyrazole-3-carbonitrile)	N; R50-53 N; R22	R: 50/53 S: 60-61		Eu								
			Xn; N										
130841-23-5	1,4-Dichloro-2-(1,1,2,3,3,3-hexafluoropropoxy)-5-nitrobenzene	R43 N; R50-53	R: 22-43-50/53 S: (2)-36/37/39-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu								
			Xn; R22										
131013-81-5	Tris(tetramethylammonium) 5-hydroxy-1-(4-sulphonatophenyl)-4-(4-sulphonatophenylazo)pyrazole-3-carboxylate	T; R25 R52-53	T; R: 25 - 52/53 S: (1/2) - 37 - 45 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu								
			T; R25 S: (2)-48-52										
131013-83-7	Tetrakis(tetramethylammonium)3,3'-(6-(2-hydroxyethylamino)1,3,5-triazine-2,4-diylbisimino(2-methyl-4,1-phenyleneazo))bisnaphthalene-1,5-disulfonate	T; R25 R52-53	T; R: 25 - 52/53 S: (1/2) - 37 - 45 - 61	Conc>=25%; T; R25 >=3%Conc<25%; Xn; R22	Eu								
			R: 52/53										
131266-10-9	2-Acetoxyethyl-4-benzoyloxybut-1-yl acetate	R52-53	R: 52/53 S: 61		Eu								
			Xn										
131298-44-7	Branched C10-alkyl benzoates	Xn; R20	R: 20 S: (2)-23	Conc>=25%; Xn; R20	Eu								
			R: 52/53 S: 61										
131320-44-0	(+/)-2-(2,4-Dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propan-1-ol	R52-53	Xn; N; R: 22 - 48/22 - 50/53 S: (2)/23 - 24/25 - 36 - 60 - 61	Conc>=25%; Xn; R48/22; R22 >=10%Conc<25%; Xn; R48/22	Eu								
			Xn; R22 R43 N; R51-53										
131538-00-6	2,3-Bis((2-mercaptoethyl)thio)-1-propanethiol	Xn; R22 R43 N; R51-53	Xn; R22-48/22 S: (2)/23 - 24/25 - 36 - 60 - 61	Conc>=25%; Xn; R48/22; R22 >=10%Conc<25%; Xn; R48/22	Eu								
			Xn; R22 R43 N; R51-53										
131657-78-8	2-Chloro-6-(ethylamino)-4-nitrophenol	Xn; R22 R43 N; R51-53	Xn; N; R: 22 - 43 - 51/53 S: (2)/22 - 24 - 37/39 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu								
			Xn; R22 R43 N; R51-53										

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
131766-73-9	Mixture of trans-4-acetoxy-4-methyl-2-propyl-tetrahydro-2H-pyran and cis-4-acetoxy-4-methyl-2-propyl-tetrahydro-2H-pyran	R43	Xi ; R: 43 S: (2)24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
131807-57-3	Famoxadone [3-Anilino-5-methyl-5-(4-phenoxyphenyl)-1,3-oxazolidine-2,4-dione]	Xn; R48/22 N; R50-53	Xn; N R: 48/22-50/53 S: (2)46-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
131860-33-8	Azoxystrobin	T: R23 N; R50-53	T ; N ; R: 23 - 50/53 S: (1)2 - 22 - 45 - 60 - 61	Conc>=25%; T: R23 >=3%Conc<25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
131929-60-7	Spinosyn A(Note: see also Spinosad (ISO) & CAS No. 131929-63-0)	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
131929-63-0	Spinosyn D(Note: see also Spinosad (ISO) & CAS No. 131929-60-7)	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
131983-72-7	Triticonazole (ISO) [(RS)-(E)-5-(4-Chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-methyl)cyclopentanol]	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
131984-21-9	(E)-5[(4-Chlorophenyl)methylene]-2,2-dimethylcyclopentanone	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
132207-32-0	Asbestos, any mixture of these, or where the composition is unknown(Note: see also CAS No 12172-73-5, 77536-66-4, 77536-67-5, 77536-68-6, 12001-28-4 & 12001-29-5)	Carc. Cat. 1; R45 T: R48/23	T ; R: 45 - 48/23 , S: 53 - 45; Note: E	Conc>=10%; T: R45; R48/23 >=1%Conc<10%; T: R45; R48/20 >=0.1%Conc<1%; T: R45	Eu; A	Any mixture of these, or where the composition is unknown (b)	0.1 f/mL	-	-	-	1	-	-
132584-17-9	Ethyl 2-(4-phenoxyphenyl)lactate	R43 N; R50-53	Xi; N R: 43-50/53 S: (2)38/37-57-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
132885-85-9	4-[N-Ethyl-N-(2-hydroxyethyl)amino]-1-(2-hydroxyethyl)amino-2-nitrobenzene, monohydrochloride	Xn; R22 R43 R52-53	Xn ; R: 22 - 43 - 52/53 S: (2) - 22 - 24 - 37 - 61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
132983-41-6	Mixture of isomers of mono-(2-tetradecyl)naphthalenes,di-(2-tetradecyl)naphthalenes and tri-(2-tetradecyl)naphthalenes	Xi; R36 R53	Xi ; R: 36 - 53 S: (2)26 - 61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
133167-77-8	Sodium 3-acetoacetylamino-4-methoxytolyl-6-sulfonate	R43	Xi ; R: 43 S: (2)24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
133305-88-1	Eprinomedin (B 1a)	T: R25	T ; R: 25	Conc >=25%; T: R25 >=3%Conc<25%; Xn; R22	V	-	-	-	-	-	-	-	-
133305-89-2	Eprinomedin (B 1b)	T: R48/25	T ; R: 48/25	Conc>=10%; T: R48/25 >=1%Conc<10%; Xn; R48/22	V	-	-	-	-	-	-	-	-
133336-92-2	N,N''-(Methylenedi-4,1-phenylene)bis[N'-(4-methylphenyl)urea]	R43 R53	R: 43-53 S: (2)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
133413-70-4	(3S,6R,9S,12R,15S,18R,21S,24R)-6,18-Dibenzyl-3,9,15,21-tetraosobutyl-4,10,12,16,22,24-hexamethyl-1,7,13,19-tetraoxa-4,10,16,22-tetraacyclo-tetracosane-2,5,8,11,14,17,20,23-octalone	Xi; R36 R53	Xi R: 36-53 S: (2)26-61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
133467-41-1	4-[4-(2-Ethylhexyloxy)phenyl][1,4-thiazinane-1,1-dioxide]	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2)22-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
133481-10-4	Ethyl 2-(1-cyanocyclohexyl)acetate	Xn; R22-48/22 R 52-53	Xn R: 22-48/22-52/53 S: (2)36/37-61	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; 48/22	Eu	-	-	-	-	-	-	-	-
133514-97-3	2-(4-(3-(4-Chlorophenyl)-2-pyrazolin-1-yl)phenylsulfonyl)ethyl(dimethylammonium) formate	C; R34 Xn; R48/22 R43 N; R50-53	C ; N ; R: 34 - 43 - 48/22 - 50/53 , Xn; R48/22 S: (1)2 - 24 - 26 - 28 - 37/39 - 45 - 60 - 61	Conc>=10%; C; R34; R48/22; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
133636-82-5	(+)-(1S,2S,3S,5R)-2,6,6-Trimethylbicyclo[3.1.1]heptane-3-spiro-1'-(cyclohex-2-en-4'-one)	C; R34 N; R50-53	C; N R: 34-43-50/53 S: (1)2-26-36/3739-45-57-60-61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Epoxiconazole	Carc. Cat. 3; R40 Repr. Cat. 3; R62 Repr. Cat. 3; R63 N; R51-53	Xn; N R: 40-62-63-51/53 S: (2-)36/37-46-61	Conc>=5%; Xn; R40; R62; R63 >=1%Conc<5%; Xn; R40	Eu	-	-	-	-	-	-	-	-
133855-98-8	[(2RS,3SR)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)- [(1H-1,2,4-triazol-1-yl)methyl]oxirane]												
	2-Butyl-4-chloro-4,5-dihydro-5-hydroxymethyl-1-[2'-(2- triphenylmethyl)-1,2,3,4,4-H-tetrazol-5-yl)-1,1'-biphenyl]- 4-methyl-; 1H-imidazole	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
133909-99-6	6-tert-Butyl-3-(3-dodecylsulfonyl)propyl-7H-1,2,4- triazolo[3,4-b][1,3,4]thiadiazine	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
133949-92-5													
	Fenpyroximate [Benzoic acid, 4-((((1,3-dimethyl-5- phenoxy-1H-pyrazol-4- [methylene]amino)oxy)methyl,1,1-dimethyl)ethyl ester] Xi; R43	T; R23 Xn; R22 Xn; R36 Xi; R43		Conc>=25%; T; R23; R22; R36; R43 >=20%Conc<25%; Xn; R20; R36; R43 >=3%Conc<20%; Xn; R20; R43 >=1%Conc<3%; Xi; R43		-	-	-	-	-	-	-	-
134098-61-6					V	-	-	-	-	-	-	-	-
	T; R: 23 - 22 - 36 - 43												
	T; R48/25 Xn; R22 Xi; R41 R43			Conc>=25%; T; R48/25; R22; R41; R43 R: 22-41-43-48/25-51/53 S: (1/2-)22-26-36/37/39-45- 61		-	-	-	-	-	-	-	-
134164-24-2	Dibenzylphenylsulfonium hexafluoroantimonate	N; R51-53			Eu	-	-	-	-	-	-	-	-
	Xn; R22-48/22 Xi; R41 R43			Conc>=25%; Xn; R22; R48/22; R41; R43 >=10%Conc<25%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43		-	-	-	-	-	-	-	-
134575-17-0	tert-Butyl (1R,5S)-3-azabicyclo[3.1.0]hex-6- ylcarbamate				Eu	-	-	-	-	-	-	-	-
	Sodium (1 (0.1-95)/lithium (0.05-1) 5-((5-(5-chloro-6- fluoro-pyrimidin-4-yl)amino)-2-sulfonatophenyl)azo)- 1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-3- pyridinemethylsulfonate	R43	Xi; R: 43 S: (2-)22 - 24/25 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
134595-59-8													
	Xn; R22-48/22 Xi; R41 R43			Conc>=25%; Xn; R22; R48/22; R41; R43 >=10%Conc<25%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43		-	-	-	-	-	-	-	-
134620-00-1	Tetraamine palladium (II) hydrogen carbonate	N; R50-53	Xn; N R: 22-41-43-48/22-50/53 S: (2-)22-26-36/37/39-60-61		Eu	-	-	-	-	-	-	-	-
134724-55-3	3-Phenyl-7-[4-(tetrahydrofurfuryloxy)phenyl]-1,5-dioxo- s-indacen-2,6-dione	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
	Xi												
134841-35-3	Potassium N-((1-methoxy-1-oxobut-2-en-3-yl)valinate)	R43	R: 43 S: (2-)24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Xn; R22 R43			Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43		-	-	-	-	-	-	-	-
135043-64-0	4-Amino-2-(aminomethyl)phenol dihydrochloride	N; R50-53	Xn; N R: 22-43-50/53 S: (2-)22-24-37-60-61		Eu	-	-	-	-	-	-	-	-
	Xi; R36/37/38 R43			Conc>=20%; Xi; R36/37/38; R43 >=1%Conc<20%; Xi; R43		-	-	-	-	-	-	-	-
135158-54-2	Acibenzolar-S-methyl [Benzof[1,2,3]thiadiazole-7- carbothioic acid S-methyl ester]	N; R50-53	Xi; N; R: 36/37/38 - 43 - 50/53 S: (2)24/25 - 37 - 46 - 59 - 60 - 61		Eu	-	-	-	-	-	-	-	-
	Xn												
135410-20-7	Acetamidiprid (ISO) [(E)-N1-[6-Chloro-3- pyridyl)methyl]-N2-cyano-N1-methylacetamidine]	Xn; R22 R52-53	R: 22-52/53 S: (2-)46-61	Conc>=25%; Xn; R22	Eu/V	-	-	-	-	-	-	-	-
	Xn; R22 Xi; R41			Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41		-	-	-	-	-	-	-	-
135756-61-5	1,3-Bis(dimethylcarbamoyl)imidazolium chloride	R52-53	R: 22-41-52/53 S: (2-)22-26-37/39-61		Eu	-	-	-	-	-	-	-	-
135837-20-1	2-[4-[(4-Hydroxyphenyl)sulfonyl]phenoxyl]-4,4- dimethyl-N-[5-[(methylsulfonyl)amino]-2-[4-(1,1,3,3- tetramethylbutyl)phenoxy]phenyl]-3-oxopentanamide	R 53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
136122-15-1	2,5-Dimercaptomethyl-1,4-dithiane	Xn; R22 C; R34 R43 N; R50-53	C; N R: 22-34-43-50/53 S: (1/2-)26-36/37/39-45-60- 61	Conc>=25%; C; R34; R22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
136210-30-5	Tetraethyl N,N'-(methylene)dicyclohexane-4,1-diyl)bis- Di-aspartate	R43 R52-53	R: 43-52/53 S: (2-)36/37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
136210-32-7	Bis(4-(1,2-bis(ethoxycarbonyl)ethylamino)-3- methylcyclohexyl)methane	R43 R52-53	Xi; R: 43 - 52/53 S: (2)36/37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Trisodium 5-amino-3-[5-(2-bromoacetyl- amino)-2-sulfonatophenylazo]-4-hydroxy-6-(4-vinylsulfonylphenylazo)naphthalene-2,7-disulfonate	R52-53	R: 52/53, S: 61		Eu	-	-	-	-	-	-	-	-
136213-71-3	2-(4-(Ethyl-(2-hydroxyethyl)amino)-2-methylphenyl)azo)-6-methoxy-3-methylbenzothiazolium methylsulfate	Xn; R48/22 R43 N; R50-53	Xn; N; R: 43 - 48/22 - 50/53 S: (2)/22 - 36/37 - 60 - 61	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
136213-73-5	2-(4-(N-Ethyl-N-(2-hydroxy)ethyl)amino-2-methylphenyl)azo-6-methoxy-3-methylbenzothiazolium chloride	N; R50-53	N R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
136213-74-6	Sodium 4-(4-chloro-6-(N-ethylamino)-1,3,5-triazin-2-ylamino)-2-(1-(2-chlorophenyl)-5-hydroxy-3-methyl-1H-pyrazol-4-yl)azo)benzenesulfonate	R43 N; R51-53	Xi; N R: 43-51/53 S: (2)/22-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
136213-76-8	Mixture (9:1) of sodium 3,3'-(1,4-phenylenebis(carbonylimino-3,1-propanediyl-imino))bis(10-amino-6,13-dichloro)-4,11-triphenodioxazinedisulfonate) and lithium 3,3'-(1,4-phenylenebis(carbonylimino-3,1-propanediyl-imino))bis(10-amino-6,13-dichloro)-4,11-triphenodioxazinedisulfonate	N; R51-53	N ; R: 51/53, S: 61		Eu	-	-	-	-	-	-	-	-
136248-03-8	Trisodium 3-amino-6,13-dichloro-10-((3-((4-chloro-6-(2-sulfophenylamino)-1,3,5-triazin-2-yl)amino)propyl)amino)-4,11-triphenoxydioxazinedisulfonate	Xi; R43	Xi; R: 43, S: (2) - 22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
136248-04-9	Mixture of: strontium (4-chloro-2-((4,5-dihydro-3-methyl-5-oxo-1-(3-sulfonatophenyl)-1H-pyrazol-4-yl)azo)-5-methyl)benzenesulfonate and disodium (4-chloro-2-((4,5-dihydro-3-methyl-5-oxo-1-(3-sulfonatophenyl)-1H-pyrazol-4-yl)azo)-5-methyl)benzenesulfonate	N; R51-53	N R: 51/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
136426-54-5	3-(2,4-Dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)quinazolin-4-(3H)-one	T; R23/25-48/25 Xn; R21 Xi; R38 N; R50-53	T ; N ; R: 21 - 23/25 - 38 - 48/25 - 50/53 Xn: R21 S: (1)/2 - 36/37/39 - 38 - 45 - 60 - 61	Conc>=25%; T; R23/25; R48/25; R21; R38 >=20%Conc<25%; T; R48/25; R20/22; R38 >=10%Conc<20%; T; R48/25; R20/22 S: (1)/2 - 36/37/39 - 38 - 45 - 60 - 61	Eu	-	-	-	-	-	-	-	-
136450-06-1	N-(3-Acetyl-2-hydroxyphenyl)-4-(4-phenylbutoxy)benzamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
136465-81-1	(3S,4aS,8aS)-N-trans-Butyldecahydro-3-isoquinolinecarboxamide	Xn; R22 Xi; R41 R52-53	Xn R: 22-41-52/53 S: (2)/22-26-39-61	Conc>=25%; Xn; R22; R41 >=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
136465-99-1	1-(2-Quinoliny-carbonyloxy)-2,5-pyrrolidinedione	Xi; R41 R43	Xi R: 41-43	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43	Eu	-	-	-	-	-	-	-	-
136522-17-3	(3S,4aS,8aS)-2-[(2R,3S)-3-Amino-2-hydroxy-4-phenylbutyl]-N-tert-butyldecahydroisoquinoline-3-carboxamide	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)/22-61	Conc>=10%; Xi; R41; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
136897-58-0	Dodecanamide, N,N'-(9,9',10,10'-tetrahydro-9,9',10,10'-tetraoxo(1,1'-bianthracene)-4,4'-diyl)bis-	R53	R: 53 S: 22-61		Eu	-	-	-	-	-	-	-	-
136897-71-2	Behenamido-propyl-dimethyl-(dihydroxypropyl) ammonium chloride	Xi; R41 R43 N; R50-53	Xi; N R: 41-43-50/53 S: (2)-26-36/37/39-60-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
137234-87-8	1-Dimethylcarbamoyl-4-(2-sulfonatoethyl)pyridinium	R43	Xi R: 43 S: (2)/22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
137390-08-0	6-Ethyl-5-fluoro-4(3H)-pyrimidone	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2)-60-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
	[Dimethylsilylene]bis(1-(2,3,3a,7a-eta)-1H-inden-1-ylidene)dimethylhafnium	T+; R28	T+ R: 28 S: (1)/2-6-22-28-36/37-45	Conc>=7%; T+; R28 >=1%Conc<7%; T; R25 >=0,1%Conc<1%; Xn; R22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
137512-74-4	Enamedin benzoate	T; R25-48/25; Xn; R20		Conc>=25%; T; R25; R48/25; R20; R41	V							
		Xi; R41	T ; R; 20 - 25 - 41 - 48/25	>=10%Conc<25%; T; R48/25; R22 R41 >=5%Conc<10%; Xn; R22; R48/22; R36 >=3%Conc<5%; Xn; R22; R48/22 >=1%Conc<3%; Xn; R48/22		-	-	-	-	-	-	-
137590-32-0	[R-(R', S')-[2-Methyl-1-(1-oxopropoxy)propoxy](4-phenylbutyl)phosphiny] acetic acid, (-)-cinchonidine (1:1) salt	Xi; R41		Conc>=10%; Xi; R41; R43	Eu							
		R 52-53	R43 S: (2-24-26-37/39-61	>=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43		-	-	-	-	-	-	-
137605-95-9	2-Butyl-2-ethyl-1,5-diaminopentane	Xn; R21/22-48/22		Conc>=25%; C; R34; R21/22; R48/22; R43	Eu							
		C; R34	C ; R; 21/22 - 34 - 43 - 48/22	>=10%Conc<25%; C; R34; R48/22; R43 >=5%Conc<10%; Xi; R36/38; R43		-	-	-	-	-	-	-
137658-79-8	2,(4,6-Bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl)-5-(3-(2-ethylhexyloxy)-2-hydroxypropoxy)phenol	R53		R 53	Eu							
			S: 61	Conc>=10%; C; R34; R43		-	-	-	-	-	-	-
137796-06-6	4-Ethyl-2-methyl-2-isopentyl-1,3-oxazolidine	C; R34		Conc>=10%; Xi; R36/37/38; R43	Eu							
		R43	S: (1/2) - 7/8 - 26 - 36/37/39 - 45	>=1%Conc<5%; R43		-	-	-	-	-	-	-
137864-22-3	Benzyl[(S)-2-[(2'-cyanobiphenyl-4-ymethyl)pentanoylamino]-3-methylbutyrate	Xn; R22		Conc>=25%; Xn; R22; R43	Eu							
		R43	R: 22-43 S: (2-138/37	>=1%Conc<25%; Xi; R43		-	-	-	-	-	-	-
138164-12-2	5-(3-Butyl-2,4,6-trimethylphenyl)-2-[1-(ethoxymino)propyl]-3-hydroxycyclohex-2-en-1-one	Xn; R22		Conc>=25%; Xn; R62; R63; R22; R38	Eu							
		Xi; R38	Xn; N R: 22-38-62-63-50/53	>=20%Conc<25%; Xn; R62; R63; R38 >=5%Conc<20%; Xn; R62; R63		-	-	-	-	-	-	-
138261-41-3	Imidacloprid (ISO) [1-(6-Chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine]	Xn; R22		Conc>=25%; Xn; R22	Eu/V							
		N; R50-53	R: 22-50/53 S: (2-122-57-60-61	Conc>=25%; Xn; R22		-	-	-	-	-	-	-
138265-88-0	Zinc borate	Repr. Cat. 2; R60-61		Conc>=5.5%; T; R60; R61	V							
		Xn; R22	T ; R; 60 - 61	Conc>=25%; Xn; R22; R41		-	-	-	-	-	-	-
138271-16-6	(Z)-[2,4-Difluorophenyl]piperidin-4-ylmethanone oxime monohydrochloride	Xi; R41		Conc>=25%; Xi; R41	Eu							
		R52-53	R: 22-41-52/53 S: (2-22-26-39-61	>=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36		-	-	-	-	-	-	-
138360-92-6	Poly(oxo(2-butoxyethyl-3-oxobutanoato-O',O')aluminium)	Xi; R41		Conc>=10%; Xi; R41	Eu							
			Xi ; R; 41 , S: (2) - 26 - 39	>=5%Conc<10%; Xi; R36		-	-	-	-	-	-	-
138401-24-8	4-[(2-Butyl-4-oxo-1,3-diazaspiro[4.4]non-1-ene-3-yl)methyl](1,1'-biphenyl)-2-carbonitrile	N		Conc>=25%; Xn; R22	Eu							
		N; R50-53	R: 50/53 S: 60-61	Conc>=5.5%; T; R60; R61		-	-	-	-	-	-	-
138427-39-1	Hexanedioic acid, polymer with 1,6-hexanediol, alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediy)] and 1,1'-methylenebis[4-isocyanatobenzene]	Xn; R42		Conc>=1%; Xn; R42	N; A	isocyanates, all (as-NCO)						
		Xn; R22-48/22	R: 42	Conc>=25%; Xn; R22; R48/22; R41; R43		-	0.02	-	0.07	-	Sen	-
138451-65-7	5-Acetyl-3-amino-10,11-dihydro-5H-dibenz[b,l]azepine-hydrochloride	Xi; R41		Conc>=25%; Xn; R22; R48/22; R41; R43	Eu							
		R43	Xn ; N ; R; 22 - 41 - 43 - 48/22 - 51/53 S: (2) - 22 - 26 - 36/37/39 - 61	>=10%Conc<25%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43		-	-	-	-	-	-	-
138526-09-9	1-Bromo-3,4,5-trifluorobenzene	R10		Conc>=20%; Xn; R40; R38; R41	Eu							
		Carc. Cat. 3; R40	Xn ; N ; R; 10 - 38 - 40 - 41 - 51/53 S: (2/23 - 26 - 36/37/39 - 61	>=10%Conc<20%; Xn; R40; R41 >=5%Conc<10%; Xn; R40; R36 >=1%Conc<5%; Xn; R40		-	-	-	-	-	-	-
138564-59-7	5-Methyl-2-[(2-nitrophenyl)amino]-3-thiophenecarbonitrile	N; R50-53		Conc>=25%; Xn; R22; R48/22; R41; R43	Eu							
			R: 50/53 S: 22-60-61	>=10%Conc<25%;Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43		-	-	-	-	-	-	-
138666-92-9	Potassium 2-chloro-3-(benzyloxy)propanoate	Xn; R22-48/22		Conc>=25%; Xn; R22; R48/22; R41; R43	Eu							
		Xi; R41	R: 22-41-43-48/22 S: (2-26-36/37/39	>=10%Conc<25%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43		-	-	-	-	-	-	-
138937-28-7	5,6-Dihydroxy-2,3-dihydro-1H-indolium bromide	Xn; R22		Conc>=25%; Xn; R22; R41	Eu							
		Xi; R41	R: 22-41 S: (2-122-26-39	>=10%Conc<25%; Xi; R41 >=5%Conc<10%; Xi; R36		-	-	-	-	-	-	-
139001-49-3	Profoxydim (ISO) [2-{(E)-1-[2(RS)-2-(4-Chlorophenoxy)propoxymino]butyl}-3-hydroxy-5-(thian-3-yl)cyclohex-2-en-1-one]	Carc. Cat. 3; R40		Conc>=5%; Xn; R40; R63; R43	Eu							
		Repr. Cat. 3; R63	R: 40-43-63 S: (2-136/37-46	>=1%Conc<5%; Xn; R40; R43		-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
139189-30-3	Tetrakis(2,6-dimethylphenyl)-m-phenylene biphosphate	R43 R53	Xi R: 43-53 S: (2)-24 - 37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
139481-22-4	1-Methyl-4-(2-methyl-2H-tetrazol-5-yl)-1H-pyrazole-5- sulfonamide	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)-j61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
139504-68-0	1-[(2-tert-Butyl)cyclohexyloxy]-2-butanol	N; R51-53	N; R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
139528-85-1	Metosulam	Carc. Cat. 3; R40 Xn; R48/22	Xn; R: 40 - 48/22	Conc>=10%; Xn; R40; R48/22 >=1%Conc<10%; Xn; R40	V	-	-	-	-	-	-	-	-
139734-65-9	Amines, N-C10-16-alkyl(trimethylenedi-, reaction products with chloroacetic acid	Xn; R22 C; R34	C R: 22-34	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	N	-	-	-	-	-	-	-	-
139756-01-7	1-Methyl-4-nitro-3-propyl-1H-pyrazole-5-carboxamide	Xn; R22-48/22 R52-53	Xn R: 22-48/22-52/53 S: (2)-22-36/37-61 T; R: 45; S: 53 - 45 ; Note: H	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
140203-12-9	Coke (coal tar), high temperature pitch	Carc. Cat. 1; R45	T; R: 45; S: 53 - 45 ; Note: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
140203-13-0	Coke (coal tar), mixed coal high temperature pitch	Carc. Cat. 1; R45	T; R: 45; S: 53 - 45 ; Note: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
140413-61-2	Coke (coal tar) low temperature, high temperature pitch	Carc. Cat. 1; R45	T; R: 45; S: 53 - 45 ; Note: H	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
140623-89-8	2,6-Dichloro-1-fluoropyridiniumtetrafluoroborate	C; R34 Xn; R22 R43 N; R50-53	C; N R: 22-34-43-50/53 S: (1/2)-26-36/37/39-45-60- 61	Conc>=25%; C; R34; R22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
140681-55-6	1-Chloromethyl-4-fluoro-1,4- diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate)	Xn; R22 Xi; R41 R43 R52-53	Xn R: 22-41-43-52/53 S: (2)-21-26-36/37/39-61	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
140698-96-0	A 2:1 mixture of: 4-(7-hydroxy-2,4,4-trimethyl-2- chromanyl)resorcinol-4-yl tris(6-diazo-5,6-dihydro-5- oxonaphthalen-1-sulfonate) and 4-(7-hydroxy-2,4,4- trimethyl-2-chromanyl)resorcinolbis(6-diazo-5,6- dihydro-5-oxonaphthalen-1-sulfonate)	F; R11 Carc.Cat.3; R40	F; Xn R: 11-40 S: (2)-7-36/37	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
140876-13-7	Potassium sodium 3,3'-(3(or4)-methyl-1,2- phenylenebis(imino(6-chloro)-1,3,5-triazine-4,2- diylimino(2-acetamido-5-methoxy)-4,1- phenyleneazo)dinaphthalene-1,5-disulfonate	Xi; R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
140921-24-0	1,6-Hexanediyl-bis(2-(2-(1-ethylpentyl)-3- oxazolidinyl)ethyl)carbamate	R43	Xi; R: 43 S: (2)24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
141048-13-7	Tetrasodium [7-(2,5-dihydroxy-KO2-7-sulfonato-6-[4- (2,5,6-trichloro-pyrimidin-4-ylamino)phenylazo]- (N1,N7-N)-1-naphthylazo]-8-hydroxy-KO8- naphthalene-1,3,5-trisulfonato(6-)]cuprate(II)	R43 R52-53	Xi; R: 43 - 52/53 S: (2)22 - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
141112-29-0	Isoxatufolite (ISO) [5-Cyclopropyl-1,2-oxazol-4-yl alpha.alpha.alpha.trifluoro-2-mesyl-p-tyl)l ketone]	Repr. Cat. 3; R63 N; R50-53	Xn; N: R: 50/53 - 63 S: (2) - 36/37 - 60 - 61	Conc>=5%; Xn; R63	Eu	-	-	-	-	-	-	-	-
141250-43-3	Sodium salt of 4-amino-3,6-bis[5-[[4-chloro-6-[(2- methyl-4-sulfo(phenyl)amino]-1,3,5-triazin-2-yl)amino]- 2-sulfo(phenyl)azol]-5-hydroxy-2,7- naphthalenedisulfonic acid	Xi; R41 R52-53	Xi R: 41-52/53 S: (2)-22-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
141517-21-7	Trifloxystrobin (ISO) [(E,E)-alpha-Methoxymino-(2- [11-3- (trifluoromethyl)phenyl]ethyldene)amino]oxy)methyl]p enzeaeacetic acid methyl ester]	R43 N; R50-53	Xi; N R: 43-50/53 S: (2)-24-37-46-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
141631-22-3	3,6,9-Trithiaundecamethylene-1,11-dimethacrylate	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
141645-23-0	(2-Butyl)-5-nitrobenzofuran-3-yl)[4-(3-dibutylamino)propoxy]phenyl]methanone	R10	Xn; N R: 10-22-38-41-43-48/22-50/53 S: (2)-23-26-36/37/39-60-61	Conc>=25%; Xn; R22; R48/22; R38; R41; R43 >=20% Conc<25%; Xn; R48/22; R38; R41; R43 >=10% Conc<20%; Xn; R48/22; R41; R43 >=5% Conc<10%; Xn; R36; R43 >=1% Conc<5%; Xi; R43	Eu								
		Xn; R22-48/22											
		Xi; R38-41											
141714-54-7	Diethyl[4-[1,5,5-tris(4-diethylaminophenyl)penta-2,4-dienylidene]cyclohexa-2,5-dienylidene]ammonium butytriphenylborate	R 43	N; R50-53	Conc>=1%; Xi; R43	Eu								
		Xi; R48/22											
141772-37-4	2-Chloro-4-fluoro-5-nitrophenyl (isobutyl)carbonate	R 43	N; R50-53	Conc>=10%; Xn; R48/22; R43 >=1% Conc<10%; Xi; R43	Eu								
		Xi; R48/22											
141773-73-1	2-(1-(3',3'-Dimethyl-1'-cyclohexyl)ethoxy)-2-methyl propyl propanoate	N; R51-53	N	Conc>=1%; Xi; R43	Eu								
		R: 51/53											
141776-32-1	Sulfosulfuron [1-(4,6-Dimethoxypyrimidin-2-yl)-3-(2-ethylsulfonylimidazo[1,2-a]pyridin-3-yl)sulfonylurea]	N; R50-53	N	Conc>=1%; Xi; R43	Eu								
		R: 50/53											
141847-13-4	Mixture of isobutyl hydrogen 2-(alpha-2,4,6-trimethylnon-2-enyl)succinate and isobutyl hydrogen 2-(beta-2,4,6-trimethylnon-2-enyl)succinate	Xi; R41	Xi; N; R: 41 - 51/53	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu								
		N; R51-53											
141880-36-6	Mixture of sodium / potassium 7-[[[3-{4-(2-hydroxy-naphthyl)azo}phenyl]azo}phenyl]sulfonyl]amino]-naphthalene-1,3-disulfonate	R43	Xi; R: 43 - 52/53	Conc>=1%; Xi; R43	Eu								
		R52-53											
141890-30-4	2-Hydroxy-3-[(2-hydroxyethyl)-[2-(1-oxo-6-oxotetradecylamino)ethyl]amino]-N,N-trimethyl-1-propanammonium chloride	Xn; R22	Xn; N	Conc>=25%; Xn; R22; R41 >=10% Conc<25%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu								
		Xi; R41											
141915-64-2	3,5-Bis-(tetradecyloxy)carbonyl)benzenesulfonic acid	Xi; R43	Xi; N; R: 43 - 51/53	Conc>=1%; Xi; R43	Eu								
		N; R51-53											
141942-85-0	Ethyl (3R)-4-cyano-3-hydroxybutanoate	Xi; R36	R: 36	Conc>=20%; Xi; R36	Eu								
142104-11-8	2-Butenedioic acid (2E), di-C12-15-alkyl esters	R43	Xi	Conc>=1%; Xi; R43	N								
		Xn; R22-48/22											
142459-58-3	Flufenacet (ISO) [N-(4-Fluorophenyl)-N-isopropyl-2-(5 R43 (trifluoromethyl)benzenesulfonyl)urea (containing trifluoromethyl-[1,3,4]thiadiazol-2-yl)ox)acetamide]	R 43	R: 22-43-48/22-50/53	Conc>=25%; Xn; R22; R48/22; R43 >=10% Conc<25%; Xn; R48/22; R43 >=1% Conc<10%; Xi; R43	Eu								
		N; R50-53											
142469-14-5	Tritosulfuron (ISO) (containing <= 0.02 % AMTT) [1-[4-Methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]-3-[2-(trifluoromethyl)benzenesulfonyl]urea (containing <= 0.02 % AMTT)]	R43	Xi; N	Conc>=1%; Xi; R43	Eu								
		N; R50-53											
142623-48-1	3-(4-Chloro-2-fluoro-5-methylphenyl)-1-methyl-5-(trifluoromethyl)-1H-pyrazole	N; R50-53	N	Conc>=1%; Xi; R43	Eu								
		R: 43-50/53											
142653-61-0	3-(cis-3-Hexenyl)oxy)propanenitril	T; R23	T; N	Conc>=25%; T; R22; R23 >=3% Conc<25%; Xn; R20	Eu								
		Xn; R22											
142776-95-2	N-(2-Methoxy-5-octadecanoylamino)phenyl)-2-(3-benzyl-2,5-dioximidazolidin-1-yl)-4,4-dimethyl-3-oxopentanoic acidamide	R53	R: 53	Conc>=1%; Xi; R43	Eu								
142859-67-4	N-(2-(6-Ethyl-7-(4-methylphenoxy)-1H-pyrazolo[1,5-b][1,2,4]triazol-2-yl)propyl)-2-octadecyloxybenzamide	Xi; R43	Xi; R: 43	Conc>=1%; Xi; R43	Eu								
142877-45-0	(2,3-Dimethylbut-2-yl)-trimethoxysilane	Xi; R38-41	Xi	Conc>=20%; Xi; R38; R41 >=10% Conc<20%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu								
		R52-53											
142891-20-1	Cinidon ethyl (ISO) [Ethyl (Z)-2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximidol)phenyl]acrylate]	Carc. Cat. 3; R40	Xn; N	Conc>=1%; Xn; R40; R43	Eu								
		R43											

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture (50:50) of 2-[2-acetylamino-4-[N,N-bis[2-ethoxycarbonyloxy]ethyl]amino]phenylazo]-5,6-dichloro-1,3-benzothiazole and 2-[2-acetylamino-4-[N,N-bis[2-ethoxycarbonyloxy]ethyl]amino]phenylazo]-6,7-dichloro-1,3-benzotriazole	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
143145-93-1	[N,N-bis[2-ethoxycarbonyloxy]ethyl]amino]phenylazo]-6,7-dichloro-1,3-benzotriazole	R53											
143239-08-1	2-Butenedioic acid (Z), disodium salt, reaction products with disodium phosphonate	Xi; R43	Xi; R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
			N 51/53 S: 61	R:									
143269-74-3	3-Amino-4-chlorobenzoic acid, hexadecyl ester	N; R51-53			Eu	-	-	-	-	-	-	-	-
				Conc>=25%; T; R39/25; R48/25; R20/22; R62; R41; R43 >=10% Conc<25%; T; R39/25; R62; R48/25; R41; R43 R: 20/22-39-41-43-48-25-62- 50/53 Xi; R41 R43 S: (1/2)-53-45-60-61									
143322-57-0	(R)-5-Bromo-3-(1-methyl-2-pyrrolidinyl methyl)-1H-indole	Xi; R43			Eu	-	-	-	-	-	-	-	-
143390-89-0	Kresoxim-methyl (ISO) [Methyl (E)-2-methoxymino-[2-(o-tolyl)oxymethyl]phenyl]acetate]	Repr. Cat. 3; R62 T; R39-48/25 Xn; R20/22 Xi; R41 R43	Xn; N: R: 40 - 50/53 S: (2)36/37 - 60 - 61	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
			Xn; R22 R: 22-43-50 S: (2)-24-37-57-61	Conc>=25%; Xn; R22; R43 >=1% Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
143446-73-5	5-Acetoxy-2-(R,S)butyryloxyethyl-1,3-oxathiolane	R43 N; R50	Xn; N R: 22-43-50 S: (2)-24-37-57-61	Conc>=20%; Xn; R38; R41; R43 >=10% Conc<20%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
143468-96-6	Ethyl 2-carboxy-3-(2-thienyl)propionate	Xi; R38-41 R43	Xi R: 38-41-43 S: (2)-24-26-37/39		Eu	-	-	-	-	-	-	-	-
	Tetrasodium 1,2-bis(4-fluoro-6-[5-(1-amino-2-sulfonatophenylthiuron-4-ylamino)-2,4,6-trimethyl-3-sulfonatophenylamino]-1,3,5-triazin-2-yl)amino]ethane	Xi; R43 R52-53	Xi; R: 43 - 52/53, S: (2) - 22 - 24/25 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
143747-72-2	6,9-Bis(hexadecyloxy)methyl-4,7-dioxanone-1,2,9-triol	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
143747-73-3	Polymer of 1,3-dibromopropane and N,N-diethyl-N',N'-dimethyl-1,3-propanediamine	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
				Conc>=10%; T; R60; R34 >=5% Conc<10%; T; R60; R36/38 >=0.5% Conc<5%; T; R60	Eu	-	-	-	-	-	-	-	-
143860-04-2	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	Repr. Cat. 2; R60 C; R34 N; R50-53	T; N R: 60-34-50/53 S: 53-45-60-61		Eu	-	-	-	-	-	-	-	-
143925-92-2	Amines, bis(hydrogenated tallow alkyl), oxidised	Xi; R43	Xi; R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
	2-Propenoic acid, polymer with 2,2-bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane	Xi; R36/38 R43	Xi R: 36/38-43	Conc>=20%; Xi; R36/38; R43 >=1% Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-
144177-62-8	(R,S)-2-Amino-3,3-dimethylbutane amide	Repr. Cat. 3; R62 Xn; R48/22 Xi; R36/38 R43	Xn R: 36/38-43-48/22-62 S: (2)-22-26-36/37	Conc>=20%; Xn; R62; R48/22; R36/38; R43 >=10% Conc<20%; Xn; R62; R48/22; R43 >=5% Conc<10%; Xn; R62; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
144413-22-9	Complex mixture of Chinese gum rosin post reacted with acrylic acid	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
144550-06-1	Methyl 4-iodo-2-[3-(4-methoxy-6-methyl-1,3,5-triazine-2-yl)ureidosulfonyl]benzoate	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
144550-36-7	Iodosulfuron-methyl-sodium	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
144651-06-9	Oxasulfuron [(Oxetan-3-yl 2-[(4,6-dimethylpyrimidin-2-yl)-carbamoyl]sulfamoyl]benzoate]	Xn; R48/22 N; R50-53	Xn; N R: 48/22-50/53 S: (2)-46-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
144736-28	alpha2,[[[2-Hydroxyethyl]methylamino]acetyl]amino]propyl]-gamma-(nonylphenoxy)poly[oxo(methyl-1,2-ethanediyl)]	C: R34 R43 N: R51-53	C ; N ; R: 34 - 43 - 51/53 S: (1/2 -)26 - 28 - 36/37/39 - 45 - 61	Conc>=10%; C: R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
	Poly[oxo(methyl-1,2-ethanediyl)], alpha-(2-aminomethyl)ethyl)-omega-(nonylphenoxy)-, branched Xi: R38-41		Xi R: 38-41	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
144740-54-5	Flupyr sulfuron-methyl-sodium (ISO) [Methyl 2-[[[4,6-dimethoxypyrimidin-2-ylcarbamoxy]sulfonyl]-6-trifluoromethyl]nicotinate, monosodium salt]	N R: 50/53 S: 60-61	N		Eu	-	-	-	-	-	-	-	-
144740-59-0	Methyl 2-aminosulfonyl-6-(trifluoromethyl)pyridine-3-carboxylate	R43 N: R51-53	Xi; N R: 43-51/53 S: (2-)22-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
145052-34-2	Bis(2,6-dimethoxybenzoyl)-2,4,4-trimethylpentylphosphin oxide	Xi; R43 N: R50-53	Xi ; N ; R: 43 - 50/53, S: (2) - 24 - 37 - 60 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
145153-52-2	2-Methyl-1,5-pentanediamine-1,3-benzenedicarboxylate	R43	Xi R: 43 S: (2-)24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
145701-23-1	Florasulam (ISO) [2',6'-8-Trifluoro-5-methoxy-5-triazolo[1,5-c] pyrimidine-2-sulfonanilide]	N R: 50/53 S: 60-61	N		Eu	-	-	-	-	-	-	-	-
145963-84-4	2-Amino-4-dimethylamino-6-trifluoroethoxy-1,3,5-triazine	Xi R: 22-48/22-52/53 S: (2-)22-36-61	Xi R: 22-48/22-52/53 S: (2-)22-36-61	Conc>=25%; Xi; R22; R48/22 >=10%Conc<25%; Xi; 48/22	Eu	-	-	-	-	-	-	-	-
146177-84-6	Sodium 2-[4-(4-fluoro-6-(2-sulfoethylamino)-[1,3,5]triazin-2-ylamino)-2-ureidophenylazo]-5-(4-sulphenylazo)benzene-1-sulfonate	R43	Xi ; R: 43 S: (2)22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
146340-15-0	Alcohols C12-C14 secondary, beta-(2-hydroxyethoxy), ethoxylated	Xi R: 22	Xi R: 22	Conc>=25%; Xi; R22	N	-	-	-	-	-	-	-	-
146925-83-9	2-(Hydroxymethyl)-2-[[2-hydroxy-3-(isooctadecyloxy)propoxy]methyl]-1,3-propanediol	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
147027-04-1	Mixture of trans-(2R)-5-acetoxy-1,3-oxathiolane-2-carboxylic acid and cis-(2R)-5-acetoxy-1,3-oxathiolane-2-carboxylic acid	Xi; R22 Xi; R38-41 R43	Xi R: 22- 38 - 41 - 43 S: (2)22 - 24 - 26 - 37/39	Conc>=25%; Xi; R22; R38; R41; R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
147027-10-9	2S-Isopropyl-5R-methyl-1R-cyclohexyl (2R,5S)-5-(4-amino-2-oxo-2H-pyrimidin-1-yl)-[1,3]-oxathiolane-2-carboxylate	N R: 51/53 S: 61	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
147086-81-5	trans-(4S,6S)-5,6-Dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-4-ol, 7,7-dioxide	Xi R: 22 S: (2-)36	Xi R: 22 S: (2-)36	Conc>=25%; Xi; R22	Eu	-	-	-	-	-	-	-	-
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N-(dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts (INCI name: Babassuamidopropyl Betaine)	Xi; R36	Xi R: 36	Conc>=20%; Xi; R36	N	-	-	-	-	-	-	-	-
147315-50-2	2-(4,6-Diphenyl-1,3,5-triazin-2-yl)-5-((hexyloxy)phenol	R53 Xi R: 48/20/21 R43 N: R51-53	R 53 S: 61 Xi R: 48/20/21 R43 S: (2)36/37 - 61		Eu	-	-	-	-	-	-	-	-
147374-67-2	4-(2-Cyano-3-phenylamino)-acryloyloxy-methyl-cyclohexyl-methyl 2-cyano-3-phenylamino)-acrylate	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61	Conc>=10%; Xi; R48/20/21; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
147379-38-2	Ethyl (2-acetylamino-5-fluoro-4-isothiocyanatophenoxy)acetate	N R: 50/53 S: 60-61	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
147613-95-4	N,N-Di-n-butyl-2-(1,2-dihydro-3-hydroxy-6-isopropyl-2-quinolylidene)-1,3-dioxolan-5-carboxamide	R 53	R 53 S: 61		Eu	-	-	-	-	-	-	-	-
147703-65-9	Sodium 3-(2-acetamido-4-(12-hydroxybutoxy)phenylazo)phenylazo)benzenesulfonat e	Xi; R: 43 S: (2)22 - 24 - 37	Xi ; R: 43 S: (2)22 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
147732-60-3	Mixture of: disodium hexyldiphenyl ether disulphonate and disodium dihexyldiphenyl ether disulphonate	Xi; R36 N; R51-53	Xi; N R: 36-51/53 S: (2)/26-61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
147741-93-3	N-Acetyl-N-[5-cyano-3-(2-dibutylamino-4-phenylthiazol-5-yl-methylene)-4-methyl-2,6-dioxo-1,2,3,6-tetrahydropyridin-1-yl]benzamide	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
147783-69-5	Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) 2-(4-methoxybenzylidene)malonate	N; R50-53	N R: 50/53 S: 22-60-61		Eu	-	-	-	-	-	-	-	-
148043-73-6	4,4',5,5,5'-Pentafluoropentan-1-ol	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)/23-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
148240-74-8	Calcium 2,5-dichloro-4-(4-((5-chloro-4-methyl-2-sulphonatophenyl)azo)-5-hydroxy-3-methylpyrazol-1-yl)benzenesulphonate	Xn; R20	Xn; R: 20 , S: (2)	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
148262-86-6	Trisodium-bis(7-acetamido-2-(4-nitro-2-oxidophenylazo)-3-sulphonato-1-naphtholato)chromate(1-)	Muta. Cat. 3; R68	Xn; R: 68 , S: (2) - 22 - 36/37	Conc>=1%; Xn; R68	Eu	-	-	-	-	-	-	-	-
148262-87-7	Sodium-[(1-(5-(4-(4-anilino-3-sulphophenylazo)-2-methyl-5-methylsulphonamidophenylazo)-4-hydroxy-2-oxido-3-(phenylazo)phenylazo)-5-nitro-4-sulfonato-2-naphtholato]iron(II)	Xn; R20 R52-53	Xn; R: 20 - 52/53 , S: (2) - 61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
148262-93-5	Calcium octadecylxylenesulfonate	C; R34 N; R51-53	C; N; R: 34 - 51/53 , S: (1/2) - 26 - 28 - 36/37/39 - 45 - 61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
148292-41-5	2-Methyl-1-pentylpyridinium bromide	Xn; R21/22 R52-53	Xn; R: 21/22 - 52/53 , S: (2) - 36/37 - 61	Conc>=25%; Xn; R21/22	Eu	-	-	-	-	-	-	-	-
148324-78-1	Diethyl 2,4-dihydroxycyclodisiloxane-2,4-diyldis(trimethylene)diphosphonate, tetrasodium salt, reaction products with disodium metasilicate	C; R34 Xn; R22	C; R: 22 - 34 , S: (1/2) - 26 - 36/37/39 - 45	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
148348-12-3	2-Hexyldecyl p-hydroxybenzoate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
148348-13-4	Isobutylidene-(2-(2-isopropyl-4,4-dimethyloxazolidine-3-yl)-1,1-dimethylethyl)amine	C; R34 R52-53	R: 34-52/53 S: (1/2)-23-26-36/37/39-45-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
148434-03-1	Hydrazine-bis(3-carboxy-4-hydroxybenzensulfonate)	Carc. Cat. 2; R45 Xn; R22 C; R34 R43 R52-53	T; R: 45 - 22 - 34 - 43 - 52/53 , S: 53 - 45 - 61	Conc>=25%; T; R45; R34; R22; R43 >=10%Conc<25%; T; R45; R34; R43 >=5%Conc<10%; T; R45; R36/38; R43 >=1%Conc<5%; T; R45; R43 >=0.1%Conc<1%; T; R45	Eu	-	-	-	-	-	-	-	-
148732-74-5	Tetrasodium (c-(3-(1-(3-(e-6-dichloro-5-cyanopyrimidin-f-yl(methyl)amino)propyl)-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo)-4-sulfonatophenylsulfamoyl)phthalocyanine-a,b,d-trisulfonato(6))nickelato (II), where a is 1 or 2 or 3 or 4, b is 8 or 9 or 10 or 11, c is 15 or 16 or 17 or 18, d is 22 or 23 or 24 or 25 and where e and f together are 2 and 4 or 4 and 2 respectively.	Xi R: R36 S: R43 R52-53	Xi R: 36 - 43 - 52/53 S: (2) - 22 - 26 - 36/37 - 61	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
148757-89-5	1-Bromo-9-(4,4,5,5-pentafluoropentylthio)nonane	R43 R50-53	Xi; N R: 43-50/53 S: (2)/24-37-60-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
148878-18-6	Mixture (50/50) of: tetrasodium 7-(4-[4-chloro-6-[methyl-(3-sulfonatophenyl)amino]-1,3,5-triazin-2-ylamino]-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate and tetrasodium 7-(4-[4-chloro-6-[methyl-(4-sulfonatophenyl)amino]-1,3,5-triazin-2-ylamino]-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate	R43 R43	Xi R: 43 S: (2)/22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
149850-31-7	Sodium 1,2-bis[4-[4-(4-(4-sulphophenylazo)-2-sulphophenylazo)-2-ureido-phenyl-amino]-6-fluoro-1,3,5-triazin-2-ylamino]-propane, sodium salt	R43	Xi R: 43 S: (2-)22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
149861-22-3	Phenol, 2-amino-5-ethyl-, hydrochloride	Xn; R22 C; R35 R43	C R: 22-35-43 S: 24/25-26-37-39	Conc>=25% C; R35; R22; R43 >10%Conc<25% C; R35; R43 >=5%Conc<10% C; R34; R43 >=1%Conc<5% Xi; R36/38; R43	N	-	-	-	-	-	-	-	-
149877-41-8	Bifenazate	Xn; R20	Xn R: 20 S: (2-)22-24-37	Conc>25%; Xn; R20	V	-	-	-	-	-	-	-	-
149879-98-1	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3- Xi; R38 [(13Z)-1-oxo-13-docosen-1-ylamino]-, inner salt	R43	Xi R: 38-43 S: 24-27-28-36-37	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-
149961-52-4	Dimoxystrobin (ISO) [(E)-2-(Methoxymino)-N-methyl-2-[alpha-(2,5-xyloxy)-o-tolyl]acetamide]	Carc. Cat. 3; R40 Repr. Cat. 3; R63 Xn; R20 N; R50-53	Xn; N R: 20-40-63-50/53 S: (2-)36/37-46-60-61	Conc>=25%; Xn; R40; R63; R20 >=5%Conc<25%; Xn; R40; R63 >=1%Conc<5%; Xn; R40	Eu	-	-	-	-	-	-	-	-
149979-41-9	Triptaloxdim (ISO) [(RS)-(EZ)-2-(1-[(2E)-3-Chloroallyloxymino]propyl)-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one]	Carc. Cat. 3; R40 Repr. Cat. 3; R62-63	Xn R: 40-62-63 S: (2-)36/37-46	Conc>=5%; Xn; R40; R62; R63 >=1%Conc<5%; Xn; R40	Eu	-	-	-	-	-	-	-	-
150522-10-4	Sodium [29H,31H-phthalocyaninato-(2)-N29,N30,N31,N32]-[(3-(N-methyl-N-(2-hydroxyethyl)amino)propyl)amino]sulfonyl-sulfonate, copper complex	C; R34	C ; R: 34 S: (1/2) - 22 - 26 - 36/37/39 - 45	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
150919-56-5	N-(3-(2-(4,4-Dimethyl-2,5-dioxo-imidazolin-1-yl)-4,4-dimethyl-3-oxo-pentano)amino)-4-methoxy-phenyl)-octadecanamide	R53	R: 53 S: 61	-	Eu	-	-	-	-	-	-	-	-
151006-58-5	Mixture of branched icosane and branched docosane and branched tetracosane	Xn; R20 R53	Xn R: 20-53 S: (2-)61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
151006-59-6	Mixture of: branched triacontane and branched dotriacontane and branched tetraatriacontane and branched hexatriacontane	R 53	R: 53 S: 61	-	Eu	-	-	-	-	-	-	-	-
151006-61-0	Mixture of isomers of branched tetracosane	Xn; R20	Xn R: 20-53 S: (2-)61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
151006-62-1	Branched hexatriacontane	R53	R: 53 S: 61	-	Eu	-	-	-	-	-	-	-	-
151213-39-7	(4S-cis-)-6-Benzyl-octahydropyrido[3,4-b]pyridine	C; R34 Xn; R20/22-48/22 N; R51-53	C; N R: 20/22-34-48/22-51/53 S: (1/2)-26-36/37/39-45-61	Conc>=25% C; R34; R20/22; R48/22 >=10%Conc<25% C; R34; R48/22 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
151257-01-1	2-Butyl-1,3-diazaspiro[4.4]non-1-en-4-one hydrochloride	Xn; R22 Xi; R36	Xn R: 22-36 S: (2-)22-26	Conc>=25%; Xn; R22; R36 >=20%Conc<25%; Xi; R36	Eu	-	-	-	-	-	-	-	-
151338-11-3	3-Cyano-N-(1,1-dimethylethyl)androsta-3,5-diene-17-beta-carboxamide	N; R50-53	N R: 50/53 S: 60-61	-	Eu	-	-	-	-	-	-	-	-
151436-99-6	Hexasodium (di)N-(3-(4-[5-(5-amino-3-methyl-1-phenylpyrazol-4-yl-azo)-2,4-disulfo-anilino]-6-chloro-1,3,5-triazin-2-ylamino)phenyl)sulfamoyl[(di-sulfo)-phthalocyaninato]nickel	Xi; R41 R43	Xi R: 41-43 S: (2-)22-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
151841-65-5	Hydroxy aluminium bis(2,4,8,10-tetra-trans-butyl-6-hydroxy-12H-dibenzo[d, g][1,3,2]dioxaphosphocin-6-oxide)	N; R51-53	N R: 51/53 S: 61	-	Eu	-	-	-	-	-	-	-	-
151860-15-0	3-Benzyl-exo-6-nitro-2,4-dioxo-3-aza-dis-bicyclo[3.1.0]hexane	R43 R52-53	Xi R: 43-52/53 S: (2-)24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
151882-81-4	4,4'-Bis(N-carbamoyl-4-methylbenzenesulfonamide)diphenylmethane	Carc. Cat. 3; R40	Xn R: 40 S: (2-)22-36/37	Conc>=1%; Xn; R40	Eu	-	-	-	-	-	-	-	-
151900-44-6	1,6-Bis((dibenzylthiocarbamoyl)disulfanyl)hexane	R53	R: 53 S: 61	-	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		Xn: R22 Xi: R36 R43 R52-53	Xn R: 22-36-43-52/53 S: (2-122-24-26-37-61	Conc>=25%; Xn; R22; R36; R43 >=20% Conc<25%; Xi; R36; R43 >=1% Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
152460-07-6	Methyl-5-nitrophenyl-guanidine												
		Xn: R22-48/22 R43 N; R51-53	Xn; N R: 22-43-48/22-51/53 S: (2-36/37-61	Conc>=25%; Xn; R22; R48/22; R43 >=10% Conc<25%; Xn; R48/22; R43 >=1% Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
152630-47-2	1-(3-Cyclopentyl-oxo-4-methoxyphenyl)-4-oxo-cyclohexanecarbonitrile	T; R48/25 Xn: R22 R52-53	T R: 22-48/25-52/53 S: (1/22-36-45-61	Conc>=25%; T; R48/25; R22 >=10% Conc<25%; T; R48/25 >=1% Conc<10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
152828-23-4	N-[3-(1,1-Dimethylethyl)-1H-pyrazol-5-yl]-N'-hydroxy-4-nitrobenzenecarboximidamide												
		R43 N; R51-53	Xi; N R: 43-51/53 S: (2-122-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
152828-25-6	2-(4-Aminophenyl)-6-tert-butyl-1H-pyrazolo[1,5-b][1,2,4]triazole												
		N R: 50/53 S: 60-61	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
153233-91-1	Eloxazol	N; R50-53											
153352-59-1	Potassium bis(N-carboxymethyl)-N-methyl-glycinato-(2N,O,N)-ferrate-(1-) monohydrate	Xn: R22	Xn; R: 22 S: (2-37	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
153441-77-1	Methyl N-(phenoxycarbonyl)-L-valinate	R 52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
153719-23-4	Thiamethoxam (ISO) [3-(2-Chloro-thiazol-5-ylmethyl)-5-methyl[1,3,5]oxadiazinan-4-ylidene-N-nitroamine]	Xn: R22 N; R50-53	Xn; N R: 22-50/53 S: (2-960-61	Conc>=25%; Xn; R22	EuV	-	-	-	-	-	-	-	-
153719-38-1	N-Nitro-N'-(3-methyl-3,6-dihydro-2H-1,3,5-oxadiazin-4-yl)amine	Xn: R22 R52-53	Xn R: 22-43-52/53 S: (2-122-24-37-61	Conc>=25%; Xn; R22; R43 >=1% Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
154171-77-4	Spiro[1,3-dioxolane-2,5'-(4',4',8',8'-tetramethyl-hexahydro-3,9'-methanonaphthalene)]	N; R51-53	N R: 51/53 S: 24-61		Eu	-	-	-	-	-	-	-	-
154212-58-5	Lithium sodium 3-amino-10-(4-(10-amino-6,13-dichloro-4,11-disulfonatobenzo[5,6][1,4]oxazino[2,3-b]phenoxazine-3-ylamino)-6-(methyl(2-sulfonatoethyl)amino)-1,3,5-triazin-2-ylamino)-6,13-dichlorobenzo[5,6][1,4]oxazino[2,3-b]phenoxazine-4,11-disulfonate	Xn: R20/21/22-68/20/21/22	Xn R: 20/21/22-68/20/21/22 S: (2-36/37	Conc>=25%; Xn; R20/21/22 - 68/20/21/22 >=10% Conc<25%; Xn; R68/20/21/22	Eu	-	-	-	-	-	-	-	-
154212-60-9	2-Isopropyl-4-(N-methyl)aminomethylthiazole	Xn: R21/22 Xi: R38-41 R51-53	Xn; N N; R: 21/22-38-41-51/53 S: (2-126-36/37/39-61	Conc>=25%; Xn; R21/22; R38; R41 >=20% Conc<25%; Xi; R38; R41 >=10% Conc<20%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
154248-98-3	Glycols, 1,2-, C12-16, ethoxylated propoxylated	Xi: R36/38	Xi R: 36/38	Conc>=20%; Xi; R36/38	N	-	-	-	-	-	-	-	-
154486-26-7	1-(2,4-Dichlorophenyl)-2-(1H-imidazol-1-yl)ethanone methanesulfonate	Xn: R22 Xi: R41 N; R51-53	Xn; N R: 22-41-51/53 S: (2-122-26-39-61	Conc>=25%; Xn; R22; R41 >=10% Conc<25%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
154486-27-8	Fluoroxypyr-butometyl (ISO) [2-Butoxy-1-methylethyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyl)oxy] acetate[(Note: see also CAS No: 81408-37-3)	N; R50-53	N; R: 50/53 S: 60 - 61		Eu	-	-	-	-	-	-	-	-
154825-62-4	2-[4-(4-Methoxyphenyl)-6-phenyl-1,3,5-triazin-2-yl]-phenol	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
154862-43-8	Bis(2,4-dicumylphenyl) neopentyl diphosphite [3,9-Bis[2,4-bis(1-methyl-1-phenylethyl)phenoxy]-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5,5]undecane]	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
155160-86-4	Sodium 3,5-bis(tetradecyloxy-carbonyl)benzenesulfinate	Xi: R43 N; R51-53	Xi; N; R: 43 - 51/53 , S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
155522-09-1	1,2-Bis[4-fluoro-6-(4-sulfo-5-(2-(4-sulfonaphthalene-3-ylazo)-1-hydroxy-3,6-disulfo-8-aminonaphthalene-7-ylazo)phenylamino)-1,3,5-triazin-2-ylamino]ethane-x-sodium, y-potassium salts x = 7,755 y = 0,245	R43	Xi R: 43 S: (2-122-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
155522-12-6	Methyl 2-[4-(2-chloro-4-nitrophenylazo)-3-(1-oxopropyl)amino]phenylaminopropanoate	R43	Xi										
		R 53	R: 43-53 S: (2-122-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		Xi; R41	Xi; N	Conc>=10%; Xi; R41; R43									
155601-30-2	1-(2-Hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate	R43	R: 41-43-51/53	>=5%Conc<10%; Xi; R36; R43									
		N; R51-53	S: (2-124-26-37/39-61	>=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			Xi; N										
156052-68-5	Zoxamide (ISO) [(RS)-3,5-Dichloro-N-(3-chloro-1-ethyl-1-methyl-2-oxopropyl)-p-tolamide]	R43	R: 43-50/53	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		N; R50-53	S: (2-124-37-46-60-61										
				Conc>=25%; Xn; R21/22; R48/22; R38; R41; R43									
156126-48-6	Tetrabutylammonium 2-amino-6-iodopurinate	Xn; R21/22-48/22	Xn; N	>=20%Conc<25%; Xn; R48/22; R38; R41; R43									
		R43	R: 21/22-38-41-43-48/22-51/53	>=10%Conc<20%; Xn; R48/22; R41; R43									
		N; R51-53	S: (2-126-36/37/39-61	>=5%Conc<10%; Xi; R36; R43	Eu	-	-	-	-	-	-	-	-
156137-33-6	Mixture of: 2-methylsulfanyl-4,6-bis-(2-hydroxy-4-methoxy-phenyl)-1,3,5-triazine and 2-(4,6-bis-methylsulfanyl-1,3,5-triazin-2-yl)-5-methoxy-phenol	R43	Xi										
			R: 43										
			S: (2-122-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
156324-82-2	2-Isopropyl-5-methyloxyobhexyloxycarbonyloxy-2-hydroxypropane	Xi; R36	Xi; N; R: 36 - 51/53,	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
		N; R51-53	S: (2-122-26 - 61										
				Conc>=10%; Xi; R41; R43									
156679-41-3	N-Dodecyl-[3-(4-dimethylamino)benzamido]-propyl]dimethylammonium tosylate	Xi; R41	R: 41-43-43-50/53	>=5%Conc<10%; Xi; R36; R43									
		N; R50-53	S: (2-124-26-37/39-60-61	>=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
156732-13-7	5-Amino-[2S-di(methylphenyl)amino]-1,6-diphenyl-4Z-hexen-3-one [(2S,4Z)-5-Amino-2-(dibenzylamino)-1,6-diphenylhex-4-en-3-one]	R53	R: 53										
			S: 61		Eu	-	-	-	-	-	-	-	-
			Xi	R:									
156738-27-1	Sodium 4-[4-(4-hydroxyphenylazo)phenylamino]-3-nitrobenzenesulfonate	R43	43-52/53	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		R52-53	S: (2-122-24-37-61										
156769-97-0	Sodium and potassium 4-(3-aminopropylamino)-2,6-bis[3-(4-methoxy-2-sulfo-phenylazo)-4-hydroxy-2-sulfo-7-naphthylamino]-1,3,5-triazine	R43	Xi										
			R: 43		Eu	-	-	-	-	-	-	-	-
			S: (2-122-24-37	Conc>=1%; Xi; R43									
157362-53-3	2-(4-(4-(Butyl-(1-methylhexyl)amino)phenyl)-3-cyano-5-oxo-1,5-dihydropyrol-2-ylidene)propanedinitrile	R43	Xi; N										
		N; R50-53	R: 43-50/53	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
			S: (2-124-37-60-61										
157661-93-3	2-Methyl 4-[(1,1-dimethylethyl)-6-(1-methyl-pentadecyl)-]phenol	Xi; R38	Xi; N; R: 38 - 43 - 50/53,	Conc>=20%; Xi; R38; R43									
		R43	S: (2-124 - 37 - 60 - 61	>=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
		N; R50-53											
157707-83-0	Poly(oxy-1,2-ethanediyl), alpha-(carboxymethyl)-omega-hydroxy-, C10-C16-alkyl ethers	Xi; R41	Xi	Conc>=10%; Xi; R41	N	-	-	-	-	-	-	-	-
			R: 41	>=5%Conc<10%; Xi; R36									
157707-94-3	5-(4-[5-Amino-2-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-sulfo-phenylamino]-6-chloro-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(1-sulfo-naphthalen-2-ylazo)-naphthalene-2,7-disulfonicacid sodium salt	Xi; R41	Xi	Conc>=10%; Xi; R41									
		R 52-53	R: 41-52/53	>=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
			S: (2-122-26-39-61										
157905-74-3	Ethanaminium, 2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, esters with C16-18 and C18-unsatd. fatty acids, Me sulfates (salts)	Xi; R38-41	Xi	Conc>=20%; Xi; R38; R41									
			R: 38-41	>=10%Conc<20%; Xi; R41	N	-	-	-	-	-	-	-	-
			S: 25-26-28-37-39	>=5%Conc<10%; Xi; R36									
158062-67-0	Flonicamid	Repr. Cat. 3; R63	Xn; R: 22 - 63	Conc>=25%; Xn; R63; R22	V	-	-	-	-	-	-	-	-
		Xn; R22	Xi; N	>=5%Conc<25%; Xn; R63									
		Xi; R38											
158570-99-1	Mixed linear and branched C14-15 alcohols ethoxylated, reaction product with epichlorohydrin	R43	R: 38-43-50/53	Conc>=20%; Xi; R38; R43	Eu	-	-	-	-	-	-	-	-
		N; R50-53	S: (2-124-37-60-61	>=1%Conc<20%; Xi; R43									
158574-65-3	1-Benzyl-5-(hexadecyloxy)-2,4-imidazolidinedione	R53	R: 53		Eu	-	-	-	-	-	-	-	-
			S: 61										
158585-86-5	Ethyl 6,8-difluoro-1-(formylmethylamino)-1,4-dihydro-7-(4-methyl)piperazin-1-yl)-4-oxo-quinoline-3-carboxylate	R 52/53	R: 52/53										
		R52-53	S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
		R10 Carc.Cat.3; R40 C; R34 R43	C R: 10-34-40/43 S: (1/2-1/9-8-23-26-36/37/39-45	Conc>=10%; C; R34; R40; R43 >=5%Conc<10%; Xn; R40; R36/38; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
158894-67-8	1-Bromo-2-methylpropyl propionate												
159038-16-1	6-tert-Butyl-7-chloro-3-tridecyl-7,7a-dihydro-1H-pyrazolo[5,1-c]-1,2,4-triazole	R 53	R: 53 61	S: Conc>=1%; Xn; R43	Eu	-	-	-	-	-	-	-	-
159235-16-2	4-(2-Methylethylacryloyloxy)phenyl 4-allyloxybenzoate	R43 R52-53	Xi R: 43-52/53 S: (2-24-37-61	Conc>=1%; Xn; R43	Eu	-	-	-	-	-	-	-	-
159604-94-1	(2,2'-(3,3'-Dioxidobiphenyl-4,4'-diyl)diazol-bis(6-(4-(3-(diethylamino)propylamino)-6-(3-(diethylammonio)propylamino)-1,3,5-triazin-2-ylamino)-3-sulfonato-1-naphtholato-1)dicopper(II) acetate lactate	R43 N; R51-53	Xi N; R: 43 - 51/53 S: (2/22 - 24 - 37 - 61	Conc>=1%; Xn; R43	Eu	-	-	-	-	-	-	-	-
159939-85-2	4-[(3-Chlorophenyl)(1H-imidazol-1-yl)methyl]-1,2-benzenediamine dihydrochloride	Repr. Cat. 3; R62 Xn; R22 C; R34 R43 N; R51-53	C; N R: 22-34-43-62-51/53 S: (1/2-22-26-36/37/39-45-61 Xn; N R: 22-43-51/53 S: (2-24-37-61	Conc>=25%; C; R62; R34; R22; R43 >=10%Conc<25%; C; R62; R34; R43 >=5%Conc<10%; Xn; R62; R36/38; R43 >=1%Conc<5%; Xn; R43	Eu	-	-	-	-	-	-	-	-
160194-26-3	1-(3-Iodo-4-aminobenzyl)-1H-1,2,4-triazole	R43 N; R51-53	Xn; N R: 22-43-51/53 S: (2-24-37-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xn; R43	Eu	-	-	-	-	-	-	-	-
160987-57-5	Mixture of ethyl 2-((4-(5,6-dichlorobenzothiazol-2-ylazophenyl)ethylamino)benzoate and ethyl 2-((4-(6,7-dichlorobenzothiazol-2-ylazophenyl)ethylamino)benzoate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
161326-34-7	Fenamidone (ISO) ((S)-5-Methyl-2-methylthio-5-phenyl-3-phenylamino-3,5-dihydroimidazol-4-one)	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
161462-35-7	1-Cyclopropyl-3-(2-methylthio-4-trifluoromethylphenyl)-1,3-propanedione	Xn; R48/22 N; R50-53	Xn; N R: 48/22-50/53 S: (2-36-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
161717-32-4	2,4,6-Tri-tert-butylphenyl 2-butyl-2-ethyl-1,3-propanediolphosphite	R43 R53	R: 43-53 S: (2-24-37/39-61	Conc>=1%; Xn; R43	Eu	-	-	-	-	-	-	-	-
161935-19-9	4-[4-Amino-5-hydroxy-3-(4-(2-sulfoxyethylsulfonyl)phenylazo)-2,7-disulfonaphth-6-ylazo]-6-[3-(4-amino-5-hydroxy-3-(4-(2-sulfoxyethylsulfonyl)phenylazo)-2,7-disulfonaphth-6-ylazophenyl)carbonylamino]benzenesulfonic acid, sodium salt	Xi R43 R41	R: 41-43 S: (2-22-24-26-37/39	Conc>=10%; Xn; R41; R43 >=5%Conc<10%; Xn; R36; R43 >=1%Conc<5%; Xn; R43	Eu	-	-	-	-	-	-	-	-
161973-12-2	2,5-Bis-isocyanatomethyl-bicyclo[2.2.1]heptane	T+; R26 Xn; R22 C; R34 R42/43 R52-53	T+; R: 22 - 26 - 34 - 42/43 - 52/53 S: (1/2) - 23 - 26 - 28 - 36/37/39 - 45 - 61	Conc>=25%; T+; R26; R34; R22; R42/43 >=10%Conc<25%; T+; R26; R34; R42/43 >=7%Conc<10%; T+; R26; R36/38; R42/43 >=5%Conc<7%; T; R23; R36/38; R42/43 >=1%Conc<5%; T; R23; R42/43 >=0,1%Conc<1%; Xn; R20	Eu	-	-	-	-	-	-	-	-
162208-27-7	Diethyl thiophosphoryl (Z)-(2-aminothiazol-4-yl)methoxyimino acetate	Xn; R21/22-48/22 R43 N; R50-53	Xn; N R: 21/22-43-48/22-50/53 S: (2-36/37-60-61	Conc>=25%; Xn; R21/22; R48/22; R43 >=10%Conc<25%; Xn; R48/22; R43 >=1%Conc<10%; Xn; R43	Eu	-	-	-	-	-	-	-	-
162221-28-5	[(4S,5S)-4-Benzyl-2-oxo-5-oxazolidinyl]methyl 4-nitrobenzenesulfonate	R43	R: 43 S: (2-22-24-37	Conc>=1%; Xn; R43	Eu	-	-	-	-	-	-	-	-
162241-33-0	1-Hydroxy-4-fluoro-1,4-diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate)	E; R2 Xn; R22-48/22 Xi; R41 R43 N; R50-53	Xn; R22 R: 2-22-41-43-48/22-50/53 S: (2-22-26-36/37/39-60-61	Conc>=25%; Xn; R22; R48/22; R41; R43 >=10%Conc<25%; Xn; R48/22; R41; R43 >=5%Conc<10%; Xn; R36; R43 >=1%Conc<5%; Xn; R43	Eu	-	-	-	-	-	-	-	-
162515-68-6	1-(Mercaptomethyl)cyclopropylacetic acid	C; R34 Xn; R21/22 R43 N; R51-53	C; N R: 21/22-34-43-51/53 S: (1/2-22-26-36/37/39-45-61	Conc>=25%; C; R34; R21/22; R43 >=10%Conc<25%; C; R34; R43 >=5%Conc<10%; Xn; R36/38; R43 >=1%Conc<5%; Xn; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
162881-26-7	Phosphine oxide, phenyl bis(2,4,6-trimethylbenzoyl)-	R43 R53	Xi R: 43/53 S: (2)-22-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
163062-28-0	6,13-Dichloro-3,10-bis(2-[4-fluoro-6-(2-sulphophenylamino)-1,3,5-triazin-2-ylamino]propylamino)benzo[5,6][1,4]oxazino[2,3-b]phenoxazine-4,11-disulphonic acid, lithium-, sodium salt.	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
163269-30-5	3-(Benzol[b]hien-2-yl)-5,6-dihydro-1,4,2-oxathiazine-4-yl; R41	T; R23 Xn; R48/22 Xi; R41	T; N R: 23/41-48/22-50/53 S: (1/2)-26-36/39-45-57-60-61	Conc>=25%; T; R23; R48/22; R41 >=10%Conc<25%;Xn; R20; R48/22; R41 >=5%Conc<10%;Xn; R20; R36 >=3%Conc<5%;Xn; R20	Eu	-	-	-	-	-	-	-	-
163515-14-8	Dimethenamid-P	Xn; R22 R43	Xn; R; 22-43	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	V	-	-	-	-	-	-	-	-
163520-33-0	Ethyl 5,5-diphenyl-2-isoxazoline-3-carboxylate	Xn; R22 R43 N; R50-53	Xn; N R: 22/43-50/53 S: (2)-22-36/37-60-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
163661-77-6	2,((4,6-Bis(4-(2-(1-methylpyridinium-4-yl)vinyl)phenylamino)-1,3,5-triazin-2-yl)(2-hydroxyethyl)amino)ethanol dichloride	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
163831-67-2	1-(2-Ethyl(4-(4-(4-(4-ethyl(2-pyridinoethyl)amino)-2-methylphenylazo)benzoylamino)-phenylazo)-3-methylphenyl)amino)ethyl-pyridinium dichloride	Xi; R41 N; R50-53	Xi; N R: 41-50/53 S: (2)-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
163879-69-4	Mixture of: 5-[[4-[[7-amino-1-hydroxy-3-sulfo-2-naphthyl]azo]-2,5-diehoxyphenyl]azo]-2-[[3-phosphonophenyl]azo]benzoic acid and 5-[[4-[[7-amino-1-hydroxy-3-sulfo-2-naphthyl]azo]-2,5-diehoxyphenyl]azo]-3-[[3-phosphonophenyl]azo]benzoic acid	E; R2 Repr. Cat. 3; R62 Xn; R48/22 R43	E; Xn; N R: 2/43-48/22-62-51/53 S: (2)-26-35-36/37-61	Conc>=10%; Xn; R62; R48/22; R43 >=5%Conc<10%; Xn; R62; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
164058-22-4	Trisodium [4-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo)-biphenyl-1,3',3'',1''-tetraolato-O,O',O'',O''']copper(II)	Carc. Cat. 2; R45	T R: 45 S: 53-45	Conc>=0,1%; T; R45	Eu	-	-	-	-	-	-	-	-
164288-56-6	3-((C12-18)-Acylamino)-N-((2-(2-hydroxyethyl)amino)-Xi; R41 2-oxoethyl)-N,N-dimethyl-1-propanaminium chloride N; R50-53	Xi; N R: 41-50/53 S: (2)-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-	-
164578-11-4	2,9-Bis(3-(diethylamino)propyl)sulfamoyl)quino(2,3-b)acridine-7,14-dione	Xi; R43 R53	Xi; R; 43 - 53, S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
164578-13-6	5-tert-Butyl-3-isoxazolyamine hydrochloride	Xn; R22-48/22 Xi; R41 R52-53	Xn; R; R: 22 - 41 - 48/22 - 52/53, S: (2) - 26 - 36/39 - 61	Conc>=25%; Xn; R22-48/22; R41 >=10%Conc<25%; Xn; 48/22; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
164578-14-7	2-(4-(Diethylamino)propyl(carbamoyl)phenylazo)-3-oxo-N-(2,3-dihydro-2-oxobenzimidazo[5-y])butyramide	Xi; R43 N; R51-53	Xi; N; R: 43 - 51/53, S: (2) - 24 - 37 - 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
165038-51-7	Mixture of 1,5-bis[(2-ethylhexyl)amino]-9,10-anthracenedione and 1-[(2-ethylhexyl)amino]-5-[3-[(2-ethylhexyloxy)propyl]amino-9,10-anthracenedione and 1,5-bis[3-[(2-ethylhexyloxy)propyl]amino-9,10-anthracenedione and 1-[(2-ethylhexyl)amino]-5-[(3-methoxypropyl)amino]-9,10-anthracenedione and 1-[3-[(2-ethylhexyloxy)propyl]amino-5-[(3-methoxypropyl)amino]-9,10-anthracenedione and 1,5-bis[(3-methoxypropyl)amino]-9,10-anthracenedione	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
166242-53-1	UVCB condensation product of: tetrais-hydroxymethylphosphonium chloride, urea and distilled hydrogenated C16-18 tallow alkylamine	Carc. Cat. 3; R40 Xn; R22-48/22 C; R34 R43 N; R50-53	C; N R: 22-34-40-43-48/22-50/53 S: (1/2)-26-36/37/39-45-60-61	Conc>=25%; C; R34; R40; R22-R48/22; R43 >=10%Conc<25%; C; R34; R40; R48/22; R43 >=5%Conc<10%; Xn; R40; R36/38; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
166301-21-9	Mixture of cis-2-isobutyl-5-methyl 1,3-dioxane and trans-2-isobutyl-5-methyl 1,3-dioxane	Xi; R38 R52-53	Xi R: 38-52/53 S: (2)-23-37-61	Conc>=20%; Xi; R38	Eu	-	-	-	-	-	-	-	-
166596-68-5	(3'-Carboxymethyl-5-(2-(3-ethyl-3H-benzothiazol-2-ylidene)-1-methyl-ethylidene)-4,4'-dioxo-2'-thioxo-(2,5'')bithiazolidinyliden-3-yl)-acetic acid	Xi; R41	Xi R: 41-43 S: (2)-26-36/37/39 R: 43	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
167678-46-8	[3-(Chlorocarbonyl)-2-methylphenyl]acetate	C; R35 R43	C R: 35-43 S: (1/2)-7/8-26-36/37/39-45	Conc>=10%; C; R35; R43 >=5%Conc<10%; C; R34; R43 >=1%Conc<5%; Xi; R36/38; R43	Eu	-	-	-	-	-	-	-	-
167684-63-1	3-[3-(2-Dodecyloxy-5-methylphenylcarbamoyl)-4-hydroxy-1-naphthylthiolpropionic acid	R53	R: 53 S: 57-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
167944-94-7	(S)-1-[2-tert-Butoxycarbonyl-3-(2-methoxyethoxy)propyl]-1-cyclopentanecarboxylic acid, cyclohexylamine salt	R52-53	R: 52/53 S: 61	Conc>=10%; C; R35; R43 >=5%Conc<10%; C; R34; R43 >=1%Conc<5%; Xi; R36/38; R43	Eu	-	-	-	-	-	-	-	-
168113-78-8	5-[[4-Chloro-6-[[2-[[4-fluoro-6-[[5-hydroxy-6-[(4-methoxy-2-sulphophenyl)azo]-7-sulfo-2-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-1-methylethyl]amino]-1,3,5-triazin-2-yl]amino]-3-[[4-(ethenylsulfonyl)phenyl]azo]-4-hydroxy-naphthalene-2,7-disulfonic acid, sodium salt	Xi; R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
168151-92-6	Sodium 4-sulphophenyl-6-((1-oxononyl)amino)hexanoate	R43	R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
168612-06-4	N,N-Dibutyl-(2,5-dihydro-5-thioxo-1H-tetrazol-1-yl)acetamide	Xi; R36 R43	Xi R: 36-43 S: (2)-24-26-37	Conc>=20%; Xi; R36; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
168689-49-4	Hexadecyl 4-chloro-3-[2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-4,4-dimethyl-3-oxopentamido]benzoate	R53	R: 53 S: 61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
168900-02-5	3-(2,4-Dichlorophenyl)-6-fluoroquinazoline-2,4-(1H,3H)dione	N; R50-53	N : R: 50/53 S: 60 - 61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
169104-71-6	[N-[(1,1-Dimethylethyl)-1,1-dimethyl-1-[(1,2,3,4,5-eta)-2,3,4,5-tetramethyl-2,4-cyclooctadien-1-yl]silanaminato(2-)-kappaN][(1,2,3,4-eta)-1,3-pentadiene]-titanium	Xi; R11 C; R24 R43 R53	Xi; R11 R: 11-34-43-53 S: (1/2)-8-9-16-26-36/37/39-45-61	Conc>=10%; C; R34; R43 >=5%Conc<10%; Xi; R36/38; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
169314-88-9	Aluminium-magnesium-zinc-carbonate-hydroxide	R52-53	R: 52/53 S: 61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
169939-84-8	Salt of (1S-(ds)-1-amino-2,3-dihydro-1H-inden-2-ol and [R-(R*)]-2,3-dihydroxybutanedioic acid	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
170222-39-6	2-Phthalimidoethyl N-[4-(2-cyano-4-nitrophenyl)azophenyl]-N-methyl-beta-alaninate	R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
170569-88-7	Mevacoxib	Repr. Cat. 2; R61 T; R48/25 Xn; R22	Repr. Cat. 2; R61 T; R48/25 Xn; R22	Conc>=25%; T; R61; 48/25; R22 >=10%Conc<25%; T; R61; R48/25 >=1%Conc<10%; T; R61; R48/22 >=0.5%Conc<1%; T; R61	V	-	-	-	-	-	-	-	-
171054-89-0	4-Oxo-4-(p-tolyl)butyric acid adduct with 4-ethylmorpholine	Xi; R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
171090-93-0	Mixture of: esters of C14-C15 branched alcohols with 3,5-di-t-butyl-4-hydroxyphenyl propionic acid; C15 branched and linear alkyl 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoate; C13 branched and linear alkyl 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoate	R 53	R: 53 S: 61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
171228-49-2	Posaconazole	Repr. Cat. 3; R63	Xn; R: 63	Conc>=5%; Xn; R63	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
171599-94-1	Pentasodium 7-(4-(4-(5-amino-4-sulfonato-2-(4-(2-(sulfonato-ethoxy)sulfonyl)phenyl)phenylamino)-6-chloro-1,3,5-triazin-2-yl)amino-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate	R52-53	R: 52/53 S: 22-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
171599-95-2	N,N'-Bis(6-chloro-4-[6-(4-vinylsulfonylphenylazo)-2,7-disulfonicacid-5-hydroxynaph-4-ylamino]-1,3,5-triazin-2-yl)-N-(2-hydroxyethyl)ethane-1,2-diamine, sodium salt	Xi; R41 R43	R: 41-43 S: (2-122-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
171850-30-9	5,7-Dichloro-4-hydroxyquinoline-3-carboxylic acid	N; R51-53	R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
171866-24-3	Mixture of 2,2'-[[cis-1,2'-cydohexanediylbis(nitrilomethylidene)]bis(phenolate)] (2-JN,N',O'-copper complex and 2,2'-[[trans-1,2'-cydohexanediylbis(nitrilomethylidene)]bis(phenolate)]	Xn; R22 Xi; R41 R43 R43 R52-53	Xn; N R: 48/22-51/53 S: (2-122-36-61	Conc>=10%; Xn; R48/22 Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
171887-03-9	N-(2-Amino-4,6-dichloropyrimidin-5-yl)formamide	Xn; R22 Xi; R41 R43 R52-53	Xn R: 22-41-43-52/53 S: (2-124-26-37/39-61	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
172015-79-1	Tetrasodium dihydrogen 1,1''-dihydroxy-8,8''-[p-phenylbis(imino-6-(4-(2-aminoethyl)piperazin-1-yl))-1,3,5-triazine-4,2-dilyl-imino]bis(2,2'-azonaphthalene-1,3,6-trisulfonate)	T; R48/25 Xn; R22 Xi; R41 R43 R52-53	T R: 22-41-43-48/25-52/53 S: (1/2-122-26-36/37/39-45-61	Conc>=25%; T; R48/25; R22; R41; R43 >=10%Conc<25%; T; R48/25;R41; R43 >=5%Conc<10%; Xn; R48/22; R36; R43 >=1%Conc<5%; Xn; R48/22; R43	Eu	-	-	-	-	-	-	-	-
172277-97-3	Pentasodium 7-(4-(4-(3-(2-sulfoacetanesulfonyl)phenylamino)-6-(4-(2-sulfoacetanesulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate	Xi; R41 N; R51-53	Xi; N R: 41-51/53 S: (2-126-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
172399-10-9	Trisodium N-(3-propionato)-L-aspartate	Xi; R41	Xi R: 41 S: (2-122-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
172737-80-3	1-Amino-4-(3-(4-chloro-6-(2,5-di-sulfophenylamino)-1,3,5-triazin-2-ylamino)-2,2-dimethyl-propylamino)-anthraquinone-2-sulfonic acid, natri salt	Xi; R43 R43	Xi R: 43 S: (2-122-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
172964-15-7	4-Benzyl-2,6-dihydroxy-4-aza-heptylene bis(2,2-dimethyloctanoate)	R43 R 53	R: 43-53 S: (2-124-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
173584-44-6	Indoxacarb	Xn; R22 R43	Xn; R: 22 - 43	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	V	-	-	-	-	-	-	-	-
173838-67-0	2-(4-(4-(3-Pyridinyl)-1H-imidazol-1-yl)butyl)-1H-isindole-1,3(2H)-dione	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
174393-75-0	Potassium 4-(11-methacrylamidoundecanamido)benzenesulfonate	R43	Xi; R: 43 S: (2-122 - 24 - 37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
174514-06-8	2,6-Bis-(2-(4-(4-amino-phenylamino)-phenylazo)-1,3-dimethyl-3H-imidazolium)-4-dimethylamino-1,3,5-triazine, dichloride	Xi; R41 N; R50-53	Xi; N R: 41-50/53 S: (2-126-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
174591-51-6	Mixture of: tetradecanoic acid (42.5-47.5%) and poly(1-7)lactate esters of tetradecanoic acid (52.5-57.5%)	Xi; R38-41 R43 N; R50-53	Xi; N R: 38-41-43-50/53 S: (2-124-26-37/39-60-61	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
176429-22-4	Poly-[[[4-(4-ethyl-ethyleneamino)phenyl]-(4-ethyl-(2-oxoethyl)eneamino)phenyl](methinyl)-3-methylcydonexa-2,5-dienylene]-N-ethyl-N-(2-hydroxyethyl)ammonium acetate]	Xi: R37/38-41 N: R50-53	Xi: N R: 37/38-41-50/53 S: (2)-26-37/39-60-61	Conc>=20%; Xi: R37/38; R41 >=10% Conc<20%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
			Xi: N R: 37/38-41-50/53 S: (2)-26-37/39-60-61	Conc>=20%; Xi: R37/38; R41 >=10% Conc<20%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
176429-27-9	Poly-[[[4-(4-ethyl-ethyleneamino)phenyl]-(4-ethyl-(2-oxoethyl)eneamino)phenyl](methinyl)cydlohexa-2,5-dienylene]-N-ethyl-N-(2-hydroxyethyl)ammonium acetate]	Xi: R37/38-41 N: R50-53	Xi: N R: 37/38-41-50/53 S: (2)-26-37/39-60-61	Conc>=20%; Xi: R37/38; R41 >=10% Conc<20%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
176429-27-9		Xi: R36 R: 36-43-53 R53	Xi R: 36-43-53 S: (2)-24-26-37-61	Conc>=20%; Xi: R36; R43 >=1% Conc<20%; Xi: R43	Eu	-	-	-	-	-	-	-
177964-68-0	(E)-3-[4-(4-Fluorophenyl)-5-methoxymethyl-2,6-bis(1-methoxymethyl)pyridin-3-yl]prop-2-enal	N: R50-53	Xn: N R: 21/22-48/22-50/53 S: (2)-22-36/37-60-61	Conc>=25%; Xn: R21/22; R48/22 >=10% Conc<25%; Xn: R48/22	Eu	-	-	-	-	-	-	-
178233-72-2	tetrakis(pentafluorophenyl)borate (1-)	N: R50-53	Xn: N R: 21/22-48/22-50/53 S: (2)-22-36/37-60-61	Conc>=25%; Xn: R21/22; R48/22 >=10% Conc<25%; Xn: R48/22	Eu	-	-	-	-	-	-	-
178452-66-9	3-(2,4-Bis(4-((5-(4,6-bis(2-aminopropylamino)-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-disulfonaphthalen-3-yl)azo)phenylamino)-1,3,5-triazin-6-ylazo)propyldiethylammonium lactate	Xi: R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
			Xn: R48/22	Conc>=10%; Xn: R48/22	V	-	-	-	-	-	-	-
178928-70-6	Prothioconazole	Xi: R38 N: R51-53	Xi: N R: 38-51/53 S: (2)-37-61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-
179104-32-6	3-Chloro-2-(isopropylthio)aniline	Xi: R38 N: R51-53	R: 38-51/53 S: (2)-37-61	Conc>=20%; Xi: R38	Eu	-	-	-	-	-	-	-
179474-79-4	1-(3-Methoxypropyl)-4-piperidinamine	Xn: R21/22 C: R34 R52-53	C R: 21/22-34-52/53 S: (1/2)-26-36/37/39-45-61	Conc>=25%; C: R34; R21/22 >=10% Conc<25%; C: R34 >=5% Conc<10%; Xi: R36/38	Eu	-	-	-	-	-	-	-
			R: 53 S: 61	Conc>=25%; Xn: R22; R48/22; R41; R43 >=10% Conc<25%; Xn: R48/22; R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-
179986-09-5	Coconut oil, reaction products with glycerol esters of 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid	R53	R: 53 S: 61	Conc>=25%; Xn: R22; R48/22; R41; R43 >=10% Conc<25%; Xn: R48/22; R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-
180637-89-2	(R)-3-[[[1-Methylpyrrolidin-2-yl)methyl]-5-[2-(phenylsulfonyl)ethenyl]-1H-indole	Xn: R22-48/22 Xi: R41 R43	Xn R: 22-41-43-48/22 S: (2)-26-36/37/39	Conc>=25%; Xn: R22; R48/22; R41; R43 >=10% Conc<25%; Xn: R48/22; R41; R43 >=5% Conc<10%; Xi: R36; R43 >=1% Conc<5%; Xi: R43	Eu	-	-	-	-	-	-	-
180778-23-8	Mixture of: pentasodium 5-amino-3-{5-(4-chloro-6-[4-(2-sulfoxyethoxysulfonato)phenylamino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo}-6-[5-(2,3-dibromopropionylamino)-2-sulfonatophenylazo]-4-hydroxynaphthalene-2,7-disulfonate and pentasodium 5-amino-6-[5-(2-bromoacryloylamino)-2-sulfonatophenylazo]-3-{5-(4-chloro-6-[4-(2-sulfoxyethoxysulfonato)phenylamino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo}-4-ylamino)-2-sulfonatophenylazo)-4-hydroxynaphthalene-2,7-disulfonate and tetrasodium 5-amino-3-[5-(4-chloro-6-[4-(vinylsulfonyl)phenylamino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo]-6-[5-(2,3-dibromopropionylamino)-2-sulfonatophenylazo]-4-hydroxynaphthalene-2,7-disulfonate	Xi: R41 N: R51-53	Xi: N R: 41-51/53 S: (2)-26-39-61	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
			Xi R: 41 S: (2)-26-39	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
180850-95-7	Disodium (E)-1,2-bis-[(4-(4-methylamino-6-(4-methylcarbamoyl)phenylamino)-1,3,5-triazin-2-ylamino)phenyl]-2-sulfonato)ethene	Xi: R41	Xi R: 41 S: (2)-26-39	Conc>=10%; Xi: R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
182176-52-9	Mixture of 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonic acid and ammonium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonate	Xn: R22-48/22 Xi: R41	Xn R: 22-41-48/22 S: (2)-26-36/37/39	Conc>=25%; Xn: R22; R48/22; R41 >=10% Conc<25%; Xn: R48/22; R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
			N R: 51/63 S: 61	Conc>=25%; Xn: R22; R48/22; R41 >=10% Conc<25%; Xn: R48/22; R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-
182235-14-9	4,4'-(1,6-Hexamethylenebis(formylimino))bis(2,2,6,6-tetramethyl-1-oxypiperidine)	N: R51-53	N R: 51/63 S: 61	Conc>=25%; Xn: R22; R48/22; R41 >=10% Conc<25%; Xn: R48/22; R41 >=5% Conc<10%; Xi: R36	Eu	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
182926-43-8	Trisodium 2,4-diamino-3,5-bis-[4-(2-sulfonatoethoxy)sulfonyl]phenylazobenzenesulfonate	R52-53	R: 52/53 S: 22-61	S:	Eu	-	-	-	-	-	-	-	-
183130-96-3	Tetra-ammonium 2-[6-[7-(2-carboxylato-phenylazo)-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazin-2-ylamino]benzoate	R: R36 R52-53	Xi R: 36-52/53 S: (2)-26-39-61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
183196-57-8	Potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate(Note: containing < 0.5 % N,N-dimethylformamide (CAS No 68-12-2))	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
184246-86-4	Potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate(Note: containing >= 0.5 % N,N-dimethylformamide (CAS No 68-12-2))	Repr. Cat. 2; R61	T R: 61-43 S: 53-45	Conc>=1%; T; R61; R43 >=0.5%Conc<1%; T; R61	Eu	-	-	-	-	-	-	-	-
186148-38-9	Sodium salt of the polymer of sodium 2-methyl-Buta-1,3-diene-1-sulfonate with acrylic acid and 2-hydroxyethyl-2-methylacrylate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-
186450-73-7	Mixture of trisopropylamine salt of 1-amino-4-(3-propionamidoanilino)anthraquinone-2-sulfonic acid and trisopropylamine salt of 1-amino-4-[3,4-dimethyl-5-(2-hydroxyethylaminosulfonyl)anilino]anthraquinone-2-sulfonic acid	R43 R53	Xi R: 43-53 S: (2)-22-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
187026-95-5	Potassium sodium 2,4-diamino-3-[4-(2-sulfonatoethoxysulfonyl)phenylazo]-5-[4-(2-sulfonatoethoxysulfonyl)-2-sulfonatophenylazo]-benzenesulfonate	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
187412-41-5	Pentaerythritol, dipentaerythritol, fatty acids, C6-10, mixed esters with adipic acid, heptanoic acid and isostearic acid	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
187547-46-2	Mixture of: 2,4,6-tri(butylcarbamoyl)-1,3,5-triazine and 2,4,6-tri(methylcarbamoyl)-1,3,5-triazine and [(2-butyl-4,6-dimethyl)tricarbamoyl]-1,3,5-triazine and [(2,4-dibutyl-6-methyl)tricarbamoyl]-1,3,5-triazine	R43 N: R51-53	Xi; N R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
187865-22-1	Derquantel	Xn ; R48/22	Xn ; R: 48/22	Conc>=10%; Xn; R48/22	V	-	-	-	-	-	-	-	-
188070-47-5	Mixture of methyl [(5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl]methoxycarbonyl(methylamino) acetate and methyl [(5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl]ethoxycarbonyl(methylamino)acetate	R43	Xi R: 43 S: (2)-22-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
188116-07-6	Imepitoin	Repr. Cat. 3; R62	Xn R: 62	Conc>=5%; Xn; R62	V	-	-	-	-	-	-	-	-
188907-52-0	4-Amino-3-[[4-[(2-(sulfooxyethyl)sulfonyl]phenyl]azo]-1-naphthalene sulfonic acid	Xi; R41 R43 R52-53	Xi R: 41-43-52/53 S: (2)-22-24-26-37/39-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
189012-93-9	4-Hydroxy-7-(2-aminooethyl)-1,3-benzothiazol-2(3H)-one hydrochloride	Xi; R41 R43 N: R50-53	Xi; N R: 41-43-50/53 S: (2)-24-26-37/39-60-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
189278-12-4	Proquinazid	Carc. Cat. 3; R40	Xn ; R: 40 R: 53	Conc>=1%; Xn; R40	V	-	-	-	-	-	-	-	-
190085-41-7	2-Hydroxybenzoic acid 2-butyloctyl ester	R53	S: 61		Eu	-	-	-	-	-	-	-	-
191617-13-7	Bis(2-hydroxyethyl)-(2-hydroxypropyl)ammonium acetate	R52-53	R: 52/53 S: 61		Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Reaction products of 3,10-bis((2-aminopropyl)amino)-6,13-dichloro-4,11-triphenodioxanedisulfonic acid with 2-amino-1,4-benzenedisulfonic acid, 2-((4-aminophenyl)sulfonyl)ethyl hydrogen sulfate and 2,4,6-trifluoro-1,3,5-triazine, sodium salts												
191877-09-5		Xi; R41	Xi R: 41 S: (2-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
192439-46-6	Tetrahydro-3-methyl-5-((2-phenylthio)thiazol-5-ylmethyl)-[4H]-1,3,5-oxadiazan-4-ylidene-N-nitroamine	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
192463-88-0	4,4'-Methylenebis[N-(4-chlorophenyl)-3-hydroxynaphthalene-2-carboxamide]	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
192725-50-1	(S)-3-Methyl-2-(2-oxotetrahydropyrimidine-1-yl)butyric acid	Xi; R41	Xi S: (2-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
193486-83-8	2-(2-Chloroacetoxy)ethyl 3-((4-(2,5-dichloro-4-fluorosulfonylphenyl)azo)-3-methylphenyl)ethylamino]propionate	N; R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
193562-37-7	Lithium sodium 4,4',4''-(nitrilotris(ethane-2,1-diyimino(6-chloro-1,3,5-triazine-4,2-yl)imino))tris(5-hydroxy-6-(1-sulfonaphthalene-2-ylazo)-2,7-naphthalene)disulfonate	Xi; R41 R43	Xi R: 41-43 S: (2-22-24-26-37/39	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
194602-27-2	(S)-2,2-Diphenyl-(2-(3-pyrrolidinyl)acetonitrile hydrobromide	Xn; R22 Xi; R41 R43	Xn; N R: 22-41-43-51/53 S: (2-24-26-37/39-61	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
196965-91-0	Mixture of 1-heptyl-4-ethyl-2,6,7-troxabicyclo[2.2.2]octane and 1-nonyl-4-ethyl-2,6,7-troxabicyclo[2.2.2]octane	N; R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
197179-61-6	[Phosphinyldynetris(oxy)] tris[3-aminopropyl-2-hydroxy-N,N-dimethyl-N'-(C6-18)-alkyl] trichlorides	Xi; R41 N; R50-53	Xi R: 41-50/53 S: (2-26-39-60-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
198705-81-6	Propyl[(4-(5-oxo-3-propylisoxazolidin-4-ylideneimethin)phenyl)propoxycarbonylmethyleneamin o]acetate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
199119-58-9	Trifloxysulfuron	Xi; R36	Xi; R: 36	Conc >=20%; Xi; R36	V	-	-	-	-	-	-	-	-
199327-61-2	7-Methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one(Note: containing < 0.5 % formamide (CAS No 75-12-7))	R52-53	R52/53 S: 61		Eu	-	-	-	-	-	-	-	-
199327-61-2	7-Methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one(Note: containing >= 0.5 % formamide (CAS No 75-12-7))	Repr. Cat. 2; R61 R52-53	T R: 61-52/53 S: 53-45-61	Conc>=0.5%; T; R61	Eu	-	-	-	-	-	-	-	-
199876-46-5	Barium calcium cesium lead samarium strontium bromide chloride fluoride iodide europium doped	Xn; R22-48/22 N; R51-53	Xn; N R: 22-48/22-51/53 S: (2-22-36-61	Conc>=25%; Xn; R22; R48/22 >=10%Conc<25%; Xn; 48/22	Eu	-	-	-	-	-	-	-	-
201290-01-9	N,N-Bis(trimethylsilyl)aminopropylmethyldiethoxysilane	Xn; R22 R43	Xn R: 22-43 S: (2-24-37	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
202197-26-0	3-Chloro-4-(3-fluorobenzyloxy)aniline	Muta. Cat. 3; R68 Xn; R22-48/22 N; R50-53	Xn; N R: 22-48/22-68-50/53 S: (2-22-36/37-60-61	Conc>=25%; Xn; R68; R22; R48/22 >=10%Conc<25%; Xn; R68; R48/22 >=1%Conc<10%; Xn; R68	Eu	-	-	-	-	-	-	-	-
202420-04-0	Mixture of 4-chloro-7-methylbenzotriazole sodium salt and 4-chloro-5-methylbenzotriazole sodium salt and 5 C; R34	R52-53	C R: 34-52/53 S: (12-26-28-36/37/39-45-61	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
202483-62-3	2-(2-Hexyldecyloxy)benzamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
203313-25-1	Spirotramat	Repr. Cat. 3; R62-63 Xi; R36 R43	Xn; R: 36-43-62-63	Conc>=20%; Xn; R62; R63; R43 >=5%Conc<20%; Xn; R62; R63; R43 >=1%Conc<5%; Xi; R43	V	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
203574-04-3	alpha-Hydro-omega-[[[(1,1-dimethylethyl)di(oxycarbonyl)oxy]poly(oxy(methyl-1,2-ethanediyl)) ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1)] [Reaction product of alpha-hydro-omega-((chlorocarbonyl)oxy)poly(oxy(methyl-1,2-ethanediyl)) ether with 2,2-bis(hydroxymethyl)-1,3-propanediol with potassium 1,1-dimethylethylperoxalate]	O; R7 N; R50-53	O; N R: 7-50/53 S: (2-37-14-36/37/39-60-61)		Eu	-	-	-	-	-	-	-	-
204254-96-6	Ethyl (1S,5R,6S)-5-(1-ethylpropoxy)-7-oxabicyclo[4.1.0]hept-3-ene-3-carboxylate	Xn; R48/22 R43	Xn R: 43-48/22 S: (2-22-36/37)	Conc>=10%; Xn; R48/22; R43 >=1%Conc<10%; Xi; R43	Eu	-	-	-	-	-	-	-	-
204277-61-2	6-(2-Chloro-6-cyano-4-nitrophenylazo)-4-methoxy-3-[N-(methoxycarbonylmethyl)-N-(1-methoxycarbonyl)amino]acetanilide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
205764-96-1	Sodium, potassium, lithium 5-amino-3,6-bis(5-(4-chloro-6-(methyl-(2-methylaminoacetyl)amino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-4-hydroxynaphthalene-2,7-disulfonate	Xi; R41 R43	Xi R: 41-43 S: (2-22-24-26-37/39)	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
206565-99-1	Fatty acids, C18-unsatd., dimers, reaction products with 1-piperazineethanamine and tall oil	Xi; R38-41 R43 N; R50-53	Xi; N R: 38-41-43-50/53 S: (2-23-26-36/37/39-60-61)	Conc>=20%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
207228-93-1	2H-1,5-Benzodioxepin-3(4H)-one, 7-propyl-	Xi; R38	Xi R: 38	Conc>=20%; Xi; R38	N	-	-	-	-	-	-	-	-
208041-98-9	Heptanetriole, 2-propyl-	Xn; R22 Xi; R38	Xn R: 22-38	Conc>=25%; Xn; R22; R38 >=20%Conc<25%; Xi; R38	N	-	-	-	-	-	-	-	-
208408-04-2	Hexane, 1,6-diisocyanato-, homopolymer, di-Et malonate and N-(1-methylethyl)-2-propanamine-blocked	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
208535-04-0	N-Amidino-N-methylglycine-2-oxopropanone	Xi; R41	Xi R: 41 S: (2-26-39)	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
208538-34-5	4-Cyanomethyl-4-methylmorpholin-4-iumhydrogene sulfate	Xn; R22 Xi; R41 R43	Xn R: 22-41-43 S: (2-22-24-26-37/39)	Conc>=25%; Xn; R22; R41; R43 >=10%Conc<25%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
210706-50-6	Hexadecyl 3-[2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-4,4-dimethyl-3-oxovaleramido] 4-isopropoxybenzoate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
210880-92-5	Clothianidin (ISO) [3-[(2-Chloro-1,3-thiazol-5-yl)methyl]-2-methyl-1-nitroguanidine]	Xn; R22 N; R50-53	Xn; N R: 22-50/53 S: (2-46-60-61)	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
211387-26-7	trans-7,7-Dimethyl-(4H,4H')-(2,2')bibenzo[1,4]thiazylidene]-3,3'-dione	R53	R: 53 S: 22-61		Eu	-	-	-	-	-	-	-	-
212652-59-0	Trisodium 3-amino-4-[4-{4-(2-(2-ethenylsulfonylethoxy)ethylamino)-6-fluoro-1,3,5-triazine-2-ylamino]-2-sulfonylazo]-5-hydroxynaphthalene-2,7-disulfonate	Xi; R41	Xi R: 41 S: (2-26-39)	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
214353-17-0	1-(2-Amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride(Note: containing < 0.1 % 4-chloroaniline (CAS No. 106-47-8))	Xn; R22 C; R34 N; R51-53	C; N R: 22-34-51/53 S: (1/2-26-36/37/39-45-61) Note: E	Conc>=25%; C; R34; R22 >=10%Conc<25%; C; R34 >=5%Conc<10%; Xi; R36/38	Eu	-	-	-	-	-	-	-	-
214353-17-0	1-(2-Amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride(Note: containing >= 0.1 % 4-chloroaniline (CAS No. 106-47-8))	Carc. Cat. 2; R45 Xn; R22 C; R34 N; R51-53	T; N R: 45-22-34-51/53 S: 53-45-61	Conc>=25%; T; R45; R22 >=10%Conc<25%; T; R45; R34 >=5%Conc<10%; T; R45; R36/38 >=0.1%Conc<5%; T; R45	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)phenylazo] 4-amino-3-[4-(2-sulfoxyethylsulfonyl)phenylazo] 4-amino-3-[4-(2-sulfoxyethylsulfonyl)phenylazo] 4-hydroxy-8-[4-(2-sulfoxyethylsulfonyl)-2-sulphenylazo]naphthalene-2-sulfonic acid, Na/K salt and 7-amino-8-[4-(2-sulfoxyethylsulfonyl)-phenylazo] 4-hydroxy-3-[4-(2-sulfoxyethylsulfonyl)-2-sulphenylazo]naphthalene-2-sulfonic acid, Na/K sulphenylazo]naphthalene-2-sulfonic acid, Na/K salt and 7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)-2-sulphenylazo] 4-hydroxynaphthalene-2-sulfonic acid, Na/K salt	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
214362-06-8		Xi; R41	Xi; N R: 43-51/53 S: (2)-22-26-39	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
214417-91-1	N-(1,3-Dimethylbutylidene)-3-hydroxy-2-naphthohydrazide	R43 N; R51-53	Xi R: 43-51/53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
215612-56-9	Trisodium 3-[2-acetylamino-4-[4-chloro-6-[4-(2-sulfonatooxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino]phenylazo]naphthalene-1,5-disulfonate	Xi; R41 R43 R52-53	Xi R: 41-43-52/53 S: (2)-24-26-37/39-61	Conc>=10%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
216698-07-6	2-(2-Oxo-5-(1,1,3,3-tetramethylbutyl)-2,3-dihydro-1-benzotluran-3-yl)-4-(1,1,3,3-tetramethylbutyl)phenyl acetate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
217324-98-6	(3-(4-(2-(Butyl-(4-methylphenylsulfonyl)amino)phenylthio)-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1H-pyrazole-3-ylamino)-4-chlorophenyl)tetradecanamide [N-[3-((4-(2-(Butyl[(4-methylphenylsulfonyl)amino]phenyl)thio)-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1H-pyrazol-3-yl)amino)-4-chlorophenyl]tetradecanamide]	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
219861-18-4	(R)-4-(4-Dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzotrile	Xn; R22 R43 N; R51-53	Xn; N R: 22-43-51/53 S: (2)-36/37-61	Conc>=25%; Xn; R22; R43 >=1%Conc<25%; Xi; R43	Eu	-	-	-	-	-	-	-	-
220410-74-2	1,4-Dihydroxy-2,2,6,6-tetramethylpiperidinium 2-hydroxy-1,2,3-propanetricarboxylate	Xn; R22	R: 22 S: (2)-	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
220444-73-5	Reaction products of diisopropanolamine with formaldehyde (1:4)	Carc. Cat. 3; R40 Xn; R22 C; R34 R43 N; R51-53	C; N R: 22-34-40-43-51/53 S: (1/2)-13-25-26-36/37/39-45-61	Conc>=25%; C; R40; R34; R22; R43 >=10%Conc<25%; C; R40; R34; R43 >=5%Conc<10%; Xn; R40; R36/38; R43 >=1%Conc<5%; Xn; R40; R43	Eu	-	-	-	-	-	-	-	-
220689-12-3	Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	Xn; R22 R52-53	Xn R: 22-52/53 S: (2)-61	Conc>=25%; Xn; R22	Eu	-	-	-	-	-	-	-	-
220727-26-4	S-(3-(Triethoxysilyl)propyl)octanethioate	R43	Xi R: 43 S: (2)-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
220899-03-6	Metrafenone	Carc. Cat. 3; R40	Xn ; R: 40	Conc>=1%; Xn; R40	V	-	-	-	-	-	-	-	-
220926-97-6	12-Hydroxydodecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	Xn; R20 R53	Xn R: 20-53 S: (2)-22-61	Conc>=25%; Xn; R20	Eu	-	-	-	-	-	-	-	-
220991-32-2	Robenacoxib	Xn; R22	Xn; R: 22	Conc>=25%; Xn; R22	V	-	-	-	-	-	-	-	-
221215-20-9	2-(5,5-Dimethyl-2,4-dioxoxazolidin-3-yl)-4,4-dimethyl-3-oxo-N-(2-methoxy-5-octadecanoylamino)phenylpentanoic acid amide	R43 R53	Xi R: 43-53 S: (2)-24-37-61	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
221354-37-6	Triammonium 4-[4-[7-(4-carboxylatoanilino)-1-hydroxy-3-sulfonato-2-naphthylazo]-2,5-dimethoxyphenylazo]benzoate	Repr. Cat. 3; R62 Xn; R48/22 N; R51-53	Xn; N R: 48/22-62-51/53 S: (2)-36/37-61	Conc>=10%; Xn; R62; R48/22 >=5%Conc<10%; Xn; R62	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
221452-67-1	Ethyl 2-[3-acetylamino-4-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1H-isindol-5-ylazo)phenyl]ethylamino]propanoate	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
224628-70-0	Benzenesulfonic acid, 2-[[1-benzoyl-2,7-dihydro-2,7-dioxo-6-[(4-sulfo)phenyl]amino]-3H-naphtho[1,2,3-de]quinolin-4-yl]oxy]-5-(1,1,3,3-tetramethylbutyl)-, sodium salt (1:2)	Xi; R41	Xi R: 41	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
224635-63-6	Acetophenone, Formaldehyde, Cyclohexylamine, Methanol and Acetic acid, reaction product of	R10 Carc. Cat. 3; R40 C: R34 Xn: R20 R43 N: R50-53	C ; N ; R: 10 - 20 - 34 - 40 - 43 - 50/53 S: (1/2) - 26 - 36/37/39 - 45 - 60 - 61		Eu	-	-	-	-	-	-	-	-
225786-91-4	Tetrakis(bis(2-hydroxyethyl)(methylammonium) 3-(4-(7-acetylamino-1-hydroxy-3-sulfonatophthalen-2-ylazo)-5-methoxy-2-sulfonatophenylazo)-7-(4-amino-3-sulfonatophenylamino)-4-hydroxynaphthalene-2-sulfonate	N: R51-53	N R: 51/53 S: 61		Eu	-	-	-	-	-	-	-	-
226065-73-2	3,4,3',4'-Tetraaryl-1,1'-ethandibispyrrol-2,5-dione	R43 R53	Xi S: (2-22-24-37-61		Eu	-	-	-	-	-	-	-	-
226996-19-6	Reaction product of 3,5-di-tert-butylsalicylic acid and zirconium oxychloride, dehydrated, basic Zr: DTBS = 1.0: 1.0 to 1.0: 1.5	N: R50-53	N R: 50/53 S: 60-61		Eu	-	-	-	-	-	-	-	-
227085-51-0	N-Ethyl-3-trimethoxysilyl-2-methyl-propanamine	Xi; R41	Xi S: (2-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
232938-43-1	N-(p-Toluenesulfonyl)-N'-(3-(p-toluenesulfonyloxy)phenyl)urea [3-(((4-Methylphenyl)sulfonyl)carbamoyl)amino)phenyl 4-methylbenzenesulfonate]	N: R51-53	N R: 51/53 S: 22-61		Eu	-	-	-	-	-	-	-	-
243662-67-1	Alkenes, C12-14, hydroformylation products, distn. residues, C-(hydrogen sulfo)butanedioates), disodium salts	Xi; R38 R43	Xi R: 38-43 S: (2-24-37	Conc>=20%; Xi; R38; R43 >=1%Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
243858-01-7	Tetrasodium 2-(4-fluoro-6-(methyl-(2-sulfatoethyl)sulfonyl)ethyl)amino)-1,3,5-triazin-2-ylamino)-5-hydroxy-6-(4-methyl-2-sulfonatophenylazo)naphthalene-1,7-disulfonate	Xi; R41	Xi R: 41 S: (2-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
243858-60-8	Disodium 2-(5-carbamoyl-1-ethyl-2-hydroxy-4-methyl-6-oxo-1,6-dihydro-pyridine-3-ylazo)-4-(4-fluoro-6-(4-(2-sulfonyloxy-ethyl)sulfonyl)-phenylamino)-1,3,5-triazine-2-ylamino)benzene sulfonate	Xi; R41	Xi R: 41 S: (2-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
243869-48-9	Benzenesulfonic acid, 3,3'-(methylenebis((dihydroxyphenylene)azo))bis-, potassium sodium salt [Potassium sodium 3-((E)-(6-{3,4-dihydroxy-2-[(2)-(3-sulfonatophenyl)iazenyl]benzyl)-2,3-dihydroxyphenylidene]benzenesulfonate]	Xi; R36 R52-53	Xi R: 36-52/53 S: (2-26-61	Conc>=20%; Xi; R36	Eu	-	-	-	-	-	-	-	-
250688-43-8	Disodium 8-amino-5-(4-12-sulfonatoethoxy)sulfonylphenylphenylazo)naphthalene-2-sulfonate	Xi; R41	Xi S: (2-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
255387-46-3	Dimethyl[2S,2S']-6,6,6'-tetramethoxy-2,2'-[N,N'-bis(trifluoroacetyl)-S,S'-bi(L-homocysteinyl)dimino]dihexanoate	R43	Xi S: (2-24-37	Conc>=1%; Xi; R43	Eu	-	-	-	-	-	-	-	-
260408-02-4	4,4'-Sulfonylbisphenol, polymer with ammonium chloride (NH4Cl), pentachlorophosphorane and phenol	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
272460-97-6	1-[4-(4-Benzoylphenylsulfonyl)phenyl]-2-methyl-2-(4-methylphenylphenylsulfonyl)propan-1-one	Xi; R41 R53	Xi S: (2-26-39-61	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
404362-22-7	1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.	Xn: R22-48/21/22 C; R35 R43	C R: 22-35-43-48/21/22	Conc>=25%; C; R35; R22; R48/21/22; R43 >=10% Conc<25%; C; R35; R48/21/22; R43 >=5% Conc<10%; C; R34; R43 >=1% Conc<5%; Xi; R36/38; R43	N	-	-	-	-	-	-	-	-
406488-30-0	2-Ethyl-N-methyl-N-(3-methylphenyl)butanamide	Xn: R22 Xi; R36/38 R43 N; R51-53	Xn; N R: 22-36/38-43-51/53 S: (2-24-26-37-61	Conc>=25%; Xn; R22; R36/38; R43 >=20% Conc<25%; Xi; R36/38; R43 >=1% Conc<20%; Xi; R43	Eu	-	-	-	-	-	-	-	-
444065-11-6	2-(4-tert-Butylphenyl)-6-cyano-5-[bis(ethoxycarbonylmethyl)carbamoyloxy]-1H-pyridol[1,2-b] [1,2,4] triazole-7-carboxylic acid 2,6-di-tert-butyl-4-methylcyclohexylester	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
447399-55-5	Pyroxsulfone	Carc. Cat. 3; R40 Xn: R48/22	Xn; R: 40-48/22	Conc>=10%; Xn; R40; R48/22 >=1% Conc<10%; Xn; R40	V	-	-	-	-	-	-	-	-
452962-97-9	N-[5-(Bis-(2-methoxy-ethyl)-amino)-2-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)-phenyl]acetamide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
457624-86-1	Mixture of 3-[5-(4-ethenesulfonylbutylamino)-2-sulfohenylazo]-5-(4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfohenylamino)]-1,3,5-triazin-2-ylamino)-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt and 3-[5-(4-(2-chloroethanesulfonyl)butylamino)-2-sulfohenylazo]-5-(4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfohenylamino)]-1,3,5-triazin-2-ylamino)-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt	Xi: R41	Xi R: 41 S: (2-22-26-39	Conc>=10%; Xi; R41 >=5% Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
474510-57-1	2-Hydroxy-1-(4-(4-(2-hydroxy-2-methylpropionyl)benzyl)phenyl)-2-methylpropan-1-one	Xn: R48/22 N; R50-53	Xn; N R: 48/22-50/53 S: (2-22-36-60-61	Conc>=10%; Xn; R48/22	Eu	-	-	-	-	-	-	-	-
477218-42-1	Cyclopropanecarboxylic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methylpropyl ester	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
490021-69-7	Nitriles, tallow, hydrogenated, reaction products with acrylonitrile, hydrogenated, reaction products with propylene oxide	Xn: R22-48/22 C; R35	C R: 22-35-48/22	Conc>=25%; C; R35; R22; R48/22 >=10% Conc<25%; C; R35; R48/22 >=5% Conc<10%; C; R34 >=1% Conc<5%; Xi; R36/38	N	-	-	-	-	-	-	-	-
500717-36-2	1-Amino-4-[(4-amino-2-sulfofenylamino)-9,10-dihydro-9,10-dioxo-2-anthracenesulfonic acid, disodium salt, reaction products with 2-[3-[(4,6-dichloro-1,3,5-triazin-2-yl)ethylamino]phenyl]sulfonyl ethyl hydrogen sulfate, sodium salts	Xi: R41 R43 R52-53	Xi R: 41-43-52/53 S: (2-22-24-26-36-37/39-61	Conc>=10%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
500791-70-8	Dibutyl-3-(4-(5-ammonio-2-butyl)benzofuran-3-yl)carbonylphenoxyp[ropyl ammonium oxalate [5-Amino-2-butylbenzofuran-3-yl] 4-(3-dbutylaminopropoxy)phenyl]methanone, dioxalate]	Xn: R48/22 Xi; R41 R43 N; R50-53	Xn; N R: 41-43-48/22-50/53 S: (2-22-26-36/37/39-60-61	Conc>=10%; Xn; R41; R48/22; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-
508202-43-5	Mixture of pentasodium bis[6-anilino-3,5'-disulfonatonaphthalene-2'-azobenzene-1,2'-diolato]cobaltate(III) and tetrasodium [6-anilino-3,5'-disulfonatonaphthalene-2'-azobenzene-1,2'-diolato][6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2'-azobenzene-1,2'-diolato]cobaltate(III) and trisodium bis[6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2'-azobenzene-1,2'-diolato]cobaltate(III)	Xi: R41 R43 R52-53	Xi R: 41-43-52/53 S: (2-22-24-26-37/39-61	Conc>=10%; Xi; R41; R43 >=5% Conc<10%; Xi; R36; R43 >=1% Conc<5%; Xi; R43	Eu	-	-	-	-	-	-	-	-

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
	Mixture of 4-amino-3-(4-ethanesulfonyl-2-sulfonatophenylazo)-5-hydroxy-6-(5-(4-chloro-6-[4-(2-sulfonatoxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)naphthalene-2,7-disulfonate potassium/sodium and 4-amino-5-hydroxy-6-(5-(4-chloro-6-[4-(2-sulfonatoxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-3-(2-sulfonato-4-(2-sulfonatoxyethanesulfonyl)phenylazo)naphthalene-sulfonate potassium/sodium	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
586372-44-3	2,7-disulfonate potassium/sodium	Xi; R41	Xi R: 41 S: (2)-22-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	Eu	-	-	-	-	-	-	-	-
688046-61-9	Pyridfenone	R43	Xi R: 43	Conc>=1%; Xi; R43	V	-	-	-	-	-	-	-	-
727678-39-9	2-[2-(3-Butoxypropyl)-1,1-dioxo-1,2,4-benzothiadiazin-3-yl]-5'-tert-butyl-2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-2-[(2-ethylhexyl)thio]acetanilide	R53	R: 53 S: 61		Eu	-	-	-	-	-	-	-	-
850997-10-3	1-Cyodhexene-1-propanal, 4,4-dimethyl-	Xn; R22 Xi; R38-41 R43	Xn R: 22-38-41-43	Conc>=25%; Xn; R22; R38; R41; R43 >=20%Conc<25%; Xi; R38; R41; R43 >=10%Conc<20%; Xi; R41; R43 >=5%Conc<10%; Xi; R36; R43 >=1%Conc<5%; Xi; R43	N	-	-	-	-	-	-	-	-
852023-54-2	Carbonitimidodithioic acid, cyano-, chloromethyl/hexyl ester	T; R23 Xi; R38-41 R43	T; R: 23-38-41-43	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	N	-	-	-	-	-	-	-	-
873662-29-4	Poly(oxy-1,2-ethanediyl), alpha-phosphono-omega-[[2-propylheptyloxy]-	C; R34	C R: 34	Conc>=10%; C; R34 >=5%Conc<10%; Xi; R36/38	N	-	-	-	-	-	-	-	-
873888-84-7	Benzoic acid, 2-hydroxy-, (3Z)-1-methyl-3-hexen-1-yl ester	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
874819-74-6	Toceranib	Repr. Cat. 2; R61 Repr. Cat. 3; R62 T; R48/25 Xn; R22 Xi; R36	T; R: 61 - 62 - 22 - 36 - 48/25	Conc>=25%; T; R61; R62; R48/25; R22; R36 >=20%Conc<25%; T; R61; R62; R48/25; R36 >=10%Conc<20%; T; R61; R62; R48/25 >=5%Conc<10%; T; R61; R62; R48/22 >=1%Conc<5%; T; R61; R48/22 >=0.5%Conc<1%; T; R61	V	-	-	-	-	-	-	-	-
886848-86-4	Butanedioic acid, 2,3-dihydroxy-, di-C12-16-alkyl esters	Xi; R41	Xi R: 41	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
900169-60-0	Amines, bis(C11-14-branched and linear alkyl)	C; R35	C S: 26-36/37/39	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	N	-	-	-	-	-	-	-	-
908355-26-0	Copper, phthalic anhydride-2,3-pyridinedicarboxylic acid-urea reaction products complexes, [[2-[[4-amino-6-[[2,5-disulfophenyl]amino]-1,3,5-triazin-2-ylamino]ethyl]amino]sulfonyl]aminosulfonyl sulfo derivs., sodium salts	Xi; R41	Xi R: 41 S: 25-26-39	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
909094-45-7	1,3-Benzenedicarboxylic acid, 5-[[4-[[3-[2-[8-(benzoylamino)-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfophenyl]amino]-6-[[2-(sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-, sodium salt (1:7)	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
928863-45-0	Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)	Xi; R36/38 Xn; R65 R66	Xi R: 36/38 Xn R: 65-66	Conc>=20%; Xi; R36/38 Conc>=10%; Xn; R65 Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
928771-01-1	Alkanes, C10-20-branched and linear	R43	Xi R: 43		V	-	-	-	-	-	-	-	-
935545-74-7	Spinetoram												

Cas No	Substance Name	Classification	Labelling	Cut Offs	Source	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Carcinogen Category	Notices	Notes
950782-86-2	Indaziflam	Xn; R48/22	Xn; R: 48/22	Conc>=10%; Xn; R48/22	V	-	-	-	-	-	-	-	-
950919-28-5	2H-1,5-Benzodiazepin-3(4H)-one, 7-(1-methylethyl)-	Xn; R22	Xn	Conc>=25%; Xn; R22; R38; R43	N	-	-	-	-	-	-	-	-
		Xi; R38 R: 22-38-43	R: 22-38-43	>=20%Conc<25%; Xi; R38; R43 >=1%Conc<20%; Xi; R43									
958872-41-8	2,7-Naphthalenedisulfonic acid, 5-[4-[(3-amino-4-sulfonylamino)-6-chloro-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]-, sodium salt (1:7), diazotized, reaction products with 2-[[3-(aminophenyl)sulfonyl]ethyl] hydrogen hydroxy-, sodium 4-amino-5-hydroxy-2,7-naphthalenedisulfonate (1:1) and 2,4,6-trichloro-1,3,5-triazine, sodium salts	Xi; R41	Xi R: 41	Conc>=10%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
		Xn; R65	Xn R: 65	Conc>=10%; Xn; R65	N	-	-	-	-	-	-	-	-
100516-89-1	Anines, di-C11-14-isoalkyl, C13-rich	C; R35	C R: 35	Conc>=10%; C; R35 >=5%Conc<10%; C; R34 >=1%Conc<5%; Xi; R36/38	N	-	-	-	-	-	-	-	-
1019768-09-2	Ethanamine, 2-(4-polyisobutyleneperoxy) derivs.	R43	Xi R: 43	Conc>=1%; Xi; R43	N	-	-	-	-	-	-	-	-
1026108-50-8	1,1'-Biphenyl]-4,4'-bis(diazonium), 3,3'-dichloro-, chloride (1:2), reaction products with aluminum hydroxide, 4-[(1,3-dioxobutyl)amino]benzamide, 2-[[1,3-dioxobutyl)amino]benzoic acid, 5-[(1,3-dioxobutyl)amino]-2-hydroxybenzoic acid and 3-oxo-N phenylbutanamide	Xn; R20	Xn R: 20	Conc>=25%; Xn; R20	N	-	-	-	-	-	-	-	-
1032192-78-1	[1,1'-Biphenyl]-4,4'-bis(diazonium), 3,3'-dichloro-, chloride (1:2), reaction products with aluminium chloride, calcium carbonate, N-(2,4-dimethylphenyl)-3-oxobutanamide, potassium 4-[(1,3-dioxobutyl)amino]benzenesulfonate (1:1) and sodium hydroxide	Xn; R20	Xn R: 20	Conc>=25%; Xn; R20	N	-	-	-	-	-	-	-	-
1065519-44-9	Butanamide, N-[4-[[3-(dimethylamino)propyl]amino]sulfonyl]phenyl]-2-[2-(methoxy-4-nitrophenyl)diazenyl]-3-oxo-	Xi; R36	Xi R: 36	Conc>=20%; Xi; R36	N	-	-	-	-	-	-	-	-
1170699-53-2	Fatty acids, coco, reaction products with glycine, potassium salts	Xi; R38-41	Xi R: 38-41	Conc>=20%; Xi; R38; R41 >=10%Conc<20%; Xi; R41 >=5%Conc<10%; Xi; R36	N	-	-	-	-	-	-	-	-
1265979-58-5	[5,5'-Bis(isobenzofuran)-1,1':3,3'-tetrone, polymer with 2,2-bis(hydroxymethyl)-1,3-propanediol, 2-hydroxy-3-[[2-methyl-1-oxo-2-propen-1-yl]oxy]propyl ester, 2-propenoate	Xi; R36/38 R43	Xi R: 36/38-43	Conc>=20%; Xi; R36/38; R43 >=1%Conc<20%; Xi; R43	N	-	-	-	-	-	-	-	-