



MATERIAL SAFETY DATA SHEET

ALUMINIUM SULPHATE LIQUID

Hazardous according to criteria of Worksafe Australia.

IDENTIFICATION OF PRODUCT

Product name: ALUMINIUM SULPHATE LIQUID

Synonyms: Liquid alum

COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Clarification aid

Appearance: Odourless, clear to pale brown heavy liquid.

CHEMICAL ENTITY	CAS NO.	PROPORTION
Water	7732-18-5	VHIGH
Aluminium sulphate	16828-11-8	MED
Sulphuric acid	7664-93-9	trace
		100%

PROPORTION (% weight per weight):

VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

HAZARDS IDENTIFICATION

Hazardous according to criteria of Worksafe Australia

Hazard Category

Xi Irritant

R-phrases(s)

R36/38 Irritating to eyes and skin

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

Poisons Schedule (Aust)/Toxic Substance (NZ): N/A - Not Applicable

FIRST AID MEASURES

Ingestion: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical advice.

Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Seek immediate medical assistance.

Skin contact: Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation occurs seek medical advice.

Inhalation: Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.



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ALUMINIUM SULPHATE LIQUID

Notes to physician: Treat symptomatically.

FIRE-FIGHTING MEASURES

Specific hazards: Non-combustible material.

Fire fighting further advice: Not combustible. However will react with most metals liberating hydrogen, a flammable gas.

ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). For large spills, carefully dilute with water and neutralise with soda ash. Collect and seal in properly labelled drums for disposal. Wash area down with excess water.

HANDLING AND STORAGE

Storage: Store in a cool place and out of direct sunlight. Store in rubber lined, stainless steel, fibreglass or polypropylene tanks away from mild steel, zinc and die cast alloys. Store away from strong alkalis. Keep containers closed at all times - check regularly for leaks.

EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits

No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).

However, Exposure Standards for constituent:

	ppm	TWA	mg/m ³
Aluminium, soluble salts (as Al)	-		2

As published by the National Occupational Health and Safety Commission (Worksafe Australia).
TWA - the Time-Weighted Average airborne concentrations over an eight-hour working day, for a five-day working week over an entire working life.
These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES. Avoid skin and eye contact. Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from butyl rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, a final assessment should be made by the user. If risk of inhalation of spray mist exists, wear combined organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

PHYSICAL AND CHEMICAL PROPERTIES



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ALUMINIUM SULPHATE LIQUID

Form / Colour / Odour:

Odourless, clear to pale brown heavy liquid.

Solubility:

Soluble in water.

Specific Gravity (20 C): 1.29-1.31

Rel Vapour Density (air=1): N Av

Vapour Pressure (20 C): N Av

Flash Point (C): N App

Flammability Limits (%): N App

Autoignition Temp (C): N App

% Volatile by volume: N Av

Solubility in water: Soluble

Melting Point (C): N App

Boiling Point (C) : >100

Decomp. Point (C): N Av

Sublimation Point: N App

pH: 2.3-2.8

Viscosity: N Av

Evaporation Rate: N Av

(n-Butyl acetate=1)

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

STABILITY AND REACTIVITY

Stability: Reacts with steel and other metals liberating hydrogen gas. Reaction with strong alkalis will generate heat and may react violently

TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Effects

Ingestion: Swallowing can result in nausea, vomiting, abdominal pain and irritation to the mouth, oesophagus and stomach.

Eye contact: An eye irritant.

Skin contact: Contact with skin will result in irritation.

Inhalation: Inhalation of mists or aerosols may produce respiratory irritation.

Long Term Effects:

No information available for the product.

Acute toxicity / Chronic toxicity

Oral LD50 (mouse): 6207 mg/kg.

ECOLOGICAL INFORMATION

Avoid contaminating waterways.



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ALUMINIUM SULPHATE LIQUID

DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority. After dilution and careful neutralisation, approved liquid waste land fill site should be suitable.

TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

REGULATORY INFORMATION

Hazardous according to criteria of Worksafe Australia.

Hazard Category

Xi Irritant

R-phrases(s)

R36/38 Irritating to eyes and skin.

S-phrases(s)

S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Poisons Schedule (Aust)/Toxic Substance (NZ): N/A - Not Applicable

OTHER INFORMATION

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

CONTACT POINT

Emergency phone number:
Technical Manager: (02) 9569 5504

The information herein is, to the best of our knowledge, correct and complete. It is meant to describe safety requirements of our products and should not be construed as guaranteeing specific properties. No warranty express or implied is made as to its accuracy, reliability or completeness.



MATERIAL SAFETY DATA SHEET

SODIUM HYDROXIDE SOLUTION

Hazardous according to criteria of Worksafe Australia.

IDENTIFICATION OF PRODUCT AND COMPANY DETAILS

Product name: Sodium Hydroxide Solution

Synonyms: AEA 465, Caustic soda - liquid (30%), Sodium hydroxide - liquid (30%), Soda lye solution 30%, Caustic soda solution 30%, Sodium hydroxide solution 30%, Liquid caustic soda 30%)

Supplier: Aquatic Engineering Australia Pty Ltd
ACN: 083 962 163
Street Address: 31 Mackenzie Street
Leichhardt NSW
Australia
Telephone: + 61 2 9569 5504
Facsimile: + 61 2 9569 5754

Emergency telephone number: + 61 2 9569 5504 (ALL HOURS)

COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Alkalinity supplement, chemical manufacture, neutralising agent; pulp and paper additive.

Appearance: Water-white to slightly coloured liquid.

CHEMICAL ENTITY	CAS NO.	PROPORTION (% w/w)
Sodium hydroxide	1310-73-2	30
Water	7732-18-5	70

		100%

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

HAZARDS IDENTIFICATION

Hazardous according to criteria of Worksafe Australia.

Hazard Category
C Corrosive

R-phrases(s)
R35 Causes severe burns.
R41 Risk of serious damage to eyes.

Classified as Dangerous Goods for the purpose of transport by road or rail. Refer to relevant regulations for storage and transport requirements.

Class: 8 Corrosive

Poisons Schedule (Aust)/Toxic Substance (NZ): S6

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

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SODIUM HYDROXIDE SOLUTION

FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

Ingestion: Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Skin contact: Immediately wash contaminated skin with plenty of water. For gross contamination, immediately drench with water and remove clothing. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering, or irritation occurs seek medical advice. For skin burns, immediately flood burnt area with plenty of water and cover with a clean, dry dressing. Seek immediate medical advice.

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.

Notes to physician: Treat symptomatically and as for strongly alkaline corrosive material.

FIRE-FIGHTING MEASURES

Specific hazards: Non combustible material.

Fire fighting further advice: Not combustible, however reaction with metals will produce flammable hydrogen gas which will burn if ignited. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination. Contain using sand and soil - prevent runoff into drains and waterways. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labelled containers for disposal. Caution - heat may be evolved on contact with water. If contamination of sewers or waterways has occurred advise the local emergency services.

HANDLING AND STORAGE

Storage: Keep containers closed at all times. Store away from acids and ammonium salts. Do not store in aluminium or galvanised containers or use die-cast zinc or aluminium bungs. Steel bungs should be used.

Reacts exothermically with water. Heat evolved may cause boiling and spattering. At temperatures greater than 40 C tanks must be stressed relieved. Check regularly for spills and leaks.

Over a period of time, sludges may develop in the base of storage tanks. The sludge may contain mercury in a finely divided form, spread throughout the particulate matter in the sludge.



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SODIUM HYDROXIDE SOLUTION

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits

No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).

However, Exposure Standard for constituent:

Sodium hydroxide 2 mg/m³ Peak limitation

As published by the National Occupational Health and Safety Commission

(Worksafe Australia).

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

This Exposure Standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures: Maintain air concentrations below recommended Exposure Standards. Avoid

generating and inhaling mists and aerosols. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, RUBBER BOOTS, FACE SHIELD, SAFETY SHOES, GLOVES (L), APRON.

Avoid all contact. Wear overalls, face shield, elbow-length impervious gloves, splash apron and rubber boots (leather is attacked). Available information suggests that gloves made from nitrile, neoprene, or natural rubber should be suitable for intermittent contact (2). However, due to variations in glove construction and local conditions, a final assessment should be made by the user. Use with adequate ventilation. Avoid generating and inhaling mists and aerosols. If risk of inhalation of spray mists exists, wear respirator meeting the requirements of AS 1715 and AS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and protective equipment before storing or re-using.

PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Water-white to slightly coloured liquid.

Solubility: Miscible with water.

Specific Gravity (20 C):	1.33	Melting Point (C):	N
Av			
Rel Vapour Density (air=1):	N App	Boiling Point (C):	100
Vapour Pressure (20 C):	N App	Decomp. Point (C):	N Av
Flash Point (C):	N App	Sublimation Point:	N App
Flammability Limits (%):	N App	pH:	14
Autoignition Temp (C):	N App	Viscosity:	N Av
% Volatile by vol. (water):	Approx 70%	Evaporation Rate:	N Av
Solubility in water (g/L):	N App	(n-Butyl acetate=1)	
(Typical values only - consult specification sheet)			
N Av = Not available		N App = Not applicable	

STABILITY AND REACTIVITY



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SODIUM HYDROXIDE SOLUTION

Stability: Corrosive to aluminium, zinc and tin, liberating flammable hydrogen gas. Reacts violently with acids. Reacts with ammonium salts liberating ammonia gas. Absorbs carbon dioxide from air. Reacts exothermically on dilution with water.



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SODIUM HYDROXIDE SOLUTION

TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Effects

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx and subsequent suffocation, perforation of the gastrointestinal tract, cardiovascular collapse and coma.

Eye contact: A severe eye irritant. Contamination of the eyes can result in permanent injury. Corrosive to eyes; contact can cause corneal burns.

Skin contact: Contact with skin will result in severe irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Corrosive to skin - may cause skin burns. Skin contact often does not cause pain, thus care should be taken to avoid contaminating gloves and boots.

Inhalation: Inhalation of mists will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema. Inhalation of mists at elevated temperatures will increase these symptoms.

Long Term Effects:

Chronic effects are unlikely due to the severity of acute effects.

Acute toxicity / Chronic toxicity

No LD50 data available for product, however, for the component solid sodium hydroxide:

Intraperitoneal LD50(mouse): 40 mg/kg

Oral Lowest Lethal Dose (rabbit): 500 mg/kg

SKIN (rabbit): severe irritation 500 mg/24H

EYES (rabbit): severe irritation 1 mg/30sec rinse

Highly corrosive to any tissue with which it comes into contact.

Produces burns, deep ulceration and gelatinous necrotic areas at the site of contact. Low systemic toxicity.

Meets Standard of Food Chemicals Codex (Third Edition)

ECOLOGICAL INFORMATION

Avoid contaminating waterways.

DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Can be dissolved carefully in water and greatly diluted or carefully neutralised with dilute acid and flushed to drain with copious amounts of water. Alternatively, normally suitable for disposal at approved land waste site.

TRANSPORT INFORMATION

Classified as Dangerous Goods for the purpose of transport by road or rail. Refer to relevant regulations for storage and transport requirements.

UN-No:	1824
Class:	8 Corrosive
Hazchem code:	2R
EPG:	8A1
Packing group:	Packing Group 2

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SODIUM HYDROXIDE SOLUTION

Proper shipping name: SODIUM HYDROXIDE SOLUTION

Segregation Dangerous Goods: Not to be loaded with explosives (class 1), dangerous when wet substances (class 4.3), oxidising agents (class 5.1), organic peroxides (class 5.2), radioactive substances (class 7), foodstuffs and foodstuff empties, however exemptions may apply.

REGULATORY INFORMATION

Hazardous according to criteria of Worksafe Australia.

Hazard Category

C Corrosive

R-phrases(s)

R35 Causes severe burns.
R41 Risk of serious damage to eyes.

S-phrases(s)

S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Poisons Schedule (Aust)/Toxic Substance (NZ): S6

OTHER INFORMATION

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

CONTACT POINT

Emergency phone number:
Technical Manager: (02) 9569 5504

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MATERIAL SAFETY DATA SHEET

AEA 110

Issue Date: 16-Aug-2006

1. IDENTIFICATION OF PRODUCT AND COMPANY DETAILS

Product name: AEA 110
Synonyms: None
Product Description: Anionic polyacrylamide
Intended/Recommended Use: Flocculant

Supplier: Aquatic Engineering Australia Pty Ltd
ACN: 083 962 163
Street Address: 31 Mackenzie Street
Leichhardt NSW
Australia
Telephone: + 61 2 9569 5504
Facsimile: + 61 2 9569 5754

Emergency telephone number: +61 2 9569 5504

2. HAZARDS IDENTIFICATION

Hazard Classification: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
None required

HUMAN AND ENVIRONMENTAL HAZARDS

none

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

No Hazardous Ingredients

4. FIRST AID MEASURES

Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Skin contact:

Wash immediately with plenty of water and soap.

Eye contact:

Rinse immediately with plenty of water for at least 15 minutes.

Inhalation:

Material is not expected to be harmful if inhaled. Remove to fresh air.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use water spray or fog, carbon dioxide or dry chemical.

Protective Equipment:

Firefighters, and others exposed, wear self-contained breathing apparatus.



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Special Hazards:

Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Refer to Section 8 (Exposure Controls/Personal Protection) for appropriate personal protective equipment.

Methods for cleaning up:

Slippery when wet. Sweep up into containers for disposal. Flush spill area with water. If slipperiness remains apply more dry-sweeping compound. Prevent liquid entering sewers.

7. HANDLING AND STORAGE

Handling

Precautionary Measures: Spills should be scooped up or wiped up immediately, and the spill area flushed with water.

Special Handling Statements: Maintain good housekeeping to control dust accumulations.

Storage

To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment.

Storage Temperature: Store at 5 - 27 °C

Reason: Integrity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS - Limits

No values have been established.

Engineering measures:

Engineering controls are not usually necessary if good hygiene practices are followed.

Respiratory protection:

None recommended.

Eye protection:

Wear eye/face protection.

Skin Protection:

Avoid skin contact. Wear impermeable gloves.

Additional advice:

Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	white
Appearance:	solid
Odour:	odourless
Boiling Point:	Not applicable
Melting Point:	Not applicable



MATERIAL SAFETY DATA SHEET

AEA 110

Issue Date: 16-Aug-2006

Vapour pressure:	Not applicable
Specific Gravity/Density:	0.65 - 0.85
Vapour density:	Not applicable
Percent Volatile (% by wt.):	7 - 12(water)
pH:	Not applicable
Saturation In Air (% By Vol.):	Not available
Evaporation rate:	Not applicable
Solubility In Water:	Limited by viscosity
Volatile Organic Content (EU):	Not available
Flash point:	Not applicable
Flammable Limits (% By Vol):	Not applicable
Autoignition temperature:	>150 °C
Decomposition temperature:	>150 °C
Partition coefficient (n-octanol/water):	Not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions To Avoid:	None known
Polymerization:	Will not occur
Conditions To Avoid:	None known
Materials to avoid:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon monoxide carbon dioxide ammonia oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

Potential health effects
none

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

Oral	rat	Acute LD50	>2500 mg/kg
Dermal	rabbit	Acute LD50	>10000 mg/kg
Inhalation	rat	Acute LD50 4 hr	> 20 mg/L

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	dermal	not irritating
Acute Irritation	eye	not irritating

ALLERGIC SENSITISATION

Sensitisation	dermal	not sensitising
Sensitisation	inhalation	not sensitising

GENOTOXICITY



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Assays for Gene Mutations

Ames Salmonella Assay

No data

HAZARDOUS INGREDIENT TOXICITY DATA

12. ECOLOGICAL INFORMATION

This material is not classified as dangerous for the environment.
All ecological information provided was conducted on a structurally similar product.
Acute toxicity tests conducted using environmentally representative water gave the following results:

ALGAE TEST RESULTS

Test: Growth Inhibition (OECD 201)

Duration: 72 hr

Species: Green Algae (*Selenastrum capricornutum*)

>100 mg/L IC50

FISH TEST RESULTS

Test: Acute toxicity, freshwater (OECD 203)

Duration: 96 hr.

Species: Zebra Fish (*Brachydanio rerio*)

> 100 mg/L LC50

INVERTEBRATE TEST RESULTS

Test: Acute Immobilisation (OECD 202)

Duration: 48 hr

Species: Water Flea (*Daphnia magna*)

> 100 mg/L EC50

DEGRADATION

Test: CO2 Evolution: Modified Sturm (OECD 301B)

Duration: 28 days
70%

Procedure: Readily biodegradability

This material is not readily biodegradable (OECD 301B). The large polymer size is incompatible with transport across biological membranes and diffusion; the bioconcentration factor is therefore considered to be zero.

13. DISPOSAL CONSIDERATIONS

Aquatic Engineering Australia (AEA) encourages the recycle, recovery and reuse of materials, where permitted. If disposal is necessary, AEA recommends that organic materials, especially when classified as hazardous waste, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

Australia (ADG)

Proper shipping name:

Not applicable/Not regulated

HAZCHEM Code:

Not applicable/Not regulated



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AEA 110

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IMO

Proper shipping name: Not applicable/Not regulated

ICAO / IATA

Proper shipping name: Not applicable/Not regulated

Packing Instructions/Maximum Net Quantity Per Package:

Passenger Aircraft: -

Cargo aircraft: -

15. REGULATORY INFORMATION

MARKING AND LABELING

Symbol(s): None required

Risk Phrases:

None

Safety Phrases:

S82 - Spills are very slippery when wet.

S24/25 - Avoid contact with skin and eyes.

OTHER AUSTRALIAN INFORMATION

Poison Schedule No.: None Allocated

INVENTORY INFORMATION

All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.

16. OTHER INFORMATION

Reasons for Issue: New format

Emergency phone number:

Technical Manager: (02) 9569 5504

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