

MATERIAL SAFETY DATA SHEET

PRODUCT: ALUMINIUM SULPHATE

SOLD AS: Sammy Floc

Date of Issue: March 15, 2006

STATEMENT OF HAZARDOUS NATURE:

Not classified as hazardous according to criteria of WorkSafe Australia.

COMPANY DETAILS

Company: Plumbers' Supplies Co-operative Limited

Address: Unit 87A, 79-97 St Hilliers Road Auburn NSW 2144

Telephone: (02) 9741 8999

Fascimile: (02) 9741 8989

PRODUCT IDENTIFICATION

Product Name:	Aluminium Sulphate (INCITEC)
Other Names:	Aluminium alum, Aluminium trisulfate
UN Number:	N/A
DG Class:	N/A
Packing Group:	N/A
Hazchem Code:	N/A
Poisons Schedule:	N/A
Use:	Water treatment, paper manufacture, tanning and dye manufacture.

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance:	White granules. Odourless
Melting Point (C):	87
Specific Gravity:	1.69
Boiling Point:	N/A
Rel Vapour Density (air=1):	N/A
Decomp. Point:	N/A
Vapour Pressure:	N/A
Sublimation Point:	N/A
Flash Point (C):	N/A
pH:	N/A
Flammability Limits (%):	N/A

Viscosity:	N/A
Autoignition Temp (C):	N/A
Evaporation Rate:	N/A
% Volatile by volume: (n-Butyl acetate=1)	N/A
Solubility in water (g/L):	626

COMPOSITION

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion</u>
Aluminium sulfate	10043-01-3	HIGH
Aluminium oxide	1344-28-1	LOW
Impurities	-	<u>VLOW</u> 100%

Proportion (% weight per weight):
 V HIGH > 60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1
 Inventory of Chemical Substances (AICS)

HEALTH HAZARD INFORMATION

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

Swallowed: No adverse health effects expected, however large amounts may cause nausea, vomiting and abdominal pain.

Eyes: May be an eye irritant.

Skin: Contact with skin may result in irritation. Will have a degreasing action on skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Acute toxicity/Chronic toxicity

No LD50 data available for product.

For aluminium sulphate: Oral LD50 (mouse): 6207 mg/kg (1)
 Gastro-intestinal absorption of aluminium compounds is poor due to their conversion to phosphates. (2)

FIRST AID

Ingestion: Rinse mouth with water. Drink large quantities of water immediately. **DO NOT** induce vomiting. Seek immediate

medical attention. Poison Information Centre phone **13 11 26** Australia wide.

- Eyes:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor immediately.
- Skin:** If skin contact occurs, remove contaminated clothing immediately and wash skin with plenty of cold water. If irritation occurs see a Doctor immediately.
- Inhalation:** Remove victim from exposure – avoid becoming a casualty. Seek medical advice if effects persist.
- Notes to physician:** Treat symptomatically.

PRECAUTIONS FOR USE

ENGINEERING CONTROLS

Ensure ventilation is adequate and that air concentrations of components are controlled below Exposure Standards. Avoid generating and inhaling dusts. Keep containers closed when not in use.

PERSONAL PROTECTION

Avoid skin and eye contact. Wear overalls, chemical goggles, full-face shield, impervious gloves, rubber boots and rubber apron when working with large volumes. Use with adequate ventilation. If inhalation risk exists, wear respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and protective equipment before re-using.

STABILITY

Decomposes on heating emitting toxic fumes including those of sulphur trioxide.

STORAGE AND HANDLING

STORAGE

Keep containers closed at all times – check regularly for spills.

SPILLS AND DISPOSAL

Refer to **State Land Waste Management Authority**. Normally suitable for disposal at approved land waste site.

FIRE AND/OR EXPLOSION HAZARD

Specific hazards: Non-combustible material.
Fire fighting further advice: Non-combustible solid.

CONTACT INFORMATION

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Plumbers' Supplies Co-operative Ltd (02)9741 8999
Emergency Contact (24hr): 1800628724

DISCLAIMER

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