



Revised 27th February 2009
Revised 21.11.11

MATERIAL SAFETY DATA SHEET

ALUMINIUM SULPHATE

COMPANY DETAILS :

Company : Wobelea Pty Ltd
Address : 18 Embrey Court, Pakenham Vic. 3810
Phone : (03) 5940 1077
Emergency : (03) 5629 5424

IDENTIFICATION :

Product name: Aluminium Sulphate	Other names: Sure Floc Rock and Powder Alum
UN Number : N/A	Hazchem Code : N/A
Dangerous Goods Class : N/A	Subsidiary risk : N/A
Poisons schedule number : N/A	

USE

Recommended use : Clarifier and general chemical

PHYSICAL PROPERTIES/DESCRIPTIONS

Appearance : White powder/glob - odourless
Formula : $A_{12}(SO_4)_3$
Flammability Limit : N/A
Flash point : N/A

Melting point : N/A
Solubility in water Soluble in water, insoluble in alcohol
Specific gravity : 2.71
pH:

OTHER PROPERTIES

No data available

INGREDIENTS

Aluminium Sulphate (C.A.S No: 10043-01-3)

HEALTH HAZARD INFORMATION :

Acute :

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

Eye : May cause eye irritation.

Skin : May cause mild skin irritation. Repeated or prolonged contact may
lead to dermatitis due to drying effect.

Inhaled : Inhalation of dust may result in respiratory irritation

Health Effects CHRONIC : No data available

First Aid :

Swallowed : Rinse mouth with water. Give plenty of water to drink. Seek medical
advice.

Eye : Irrigate with copious amounts of water for at least 15-minutes. In all
cases of eye contamination it is a sensible precaution to seek medical
advice.

Skin : Remove contaminated clothing. Wash skin with water. Seek medical
attention if irritation persists.

Inhaled : Remove patient from contaminated area. Seek medical attention if
effects persist.

FIRST AID FACILITIES :

Ensure an eye bath and safety shower is available and ready for use.

ADVICE TO DOCTOR :

Treat symptomatically based on judgement of doctor and individual reaction of patient.

TOXICITY DATA :

Oral LD50 (mouse) = 6207 mg/Kg (1)

PRECAUTION FOR USE :

Exposure Standards : Worksafe Australia has established No exposure limit for this product.

Engineering Controls : Avoid generating and inhaling dusts. Keep containers closed when not in use.

Personal Protection

Wear PVC protective gloves and boots. Wear goggles for eye protection. Wear other industrial protective clothing to minimise contact with material. Avoid generating and inhaling dust. If dust exists, wear dust respirator meeting the requirement of AS/NZS 1715 and AS/NZS 1716. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Flammability : Non combustible material

SAFE HANDLING INFORMATION :

Storage and Transport : Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. No special transport or storage requirements.

Spills & Disposals :

Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up, but avoid generating dust. Collect and seal in properly labelled containers for disposal. Wash area down with excess water.

Disposal : (After treatment above)

Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

Fire/Explosion Hazard:

Non-combustible

CONTACT:

Title : Operations Manager Phone (03) 5940 1077 or AH (03) 5629 5424
Poisons Information Centre : 13 11 29