

Chem Alert Report

Product Name **ALUMINIUM POTASSIUM SULFATE**

Ingredient	Conc.	CAS No.
ALUMINIUM POTASSIUM SULFATE, ANHYDROUS	100%	10043-67-1

Synonyms NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
ALUMINIUM POTASSIUM SULFATE, ANHYDROUS (FORMERLY), ALUMINIUM POTASSIUM SULPHATE, AR 00000021 - MANUFACTURER'S CODE, BP 00005728 - MANUFACTURER'S CODE, POTASSIUM ALUMINIUM SU

Appearance WHITE POWDER OR COLOURLESS CRYSTAL

Odour ODOURLESS

Use(s) LABORATORY REAGENT, WATER TREATMENT, CATALYST, DYEING, PAPER INDUSTRY.

Supplier FRONINE LABORATORY SUPPLIES Ph: 02 9627 3600 Emerg. Ph: 13 11 26

Stock No. 82.

Poison Sched None Allocated **Hazchem** None Allocated **UN No.** None Allocated **D.G Class** None Allocated

Pkg Group None Allocated **EPG** None Allocated **Sub/Tert Risk** None Allocated

HEALTH HAZARDS

Health Hazard Summary Slightly corrosive - irritant. This product has the potential to cause adverse effects with over exposure. Use safe work practices to avoid eye or skin contact and dust generation-inhalation.

Eye Slightly corrosive - irritant. Exposure may result in lacrimation, pain, redness and possible corneal burns with prolonged contact.

Inhalation Slightly corrosive - irritant. Over exposure may result in mucous membrane irritation of nose and throat and coughing.

Skin Slightly corrosive. Prolonged contact may result in irritation, skin rash, dermatitis, ulceration and burns.

Ingestion Slightly corrosive. Ingestion may result in burns to the mouth and throat, with vomiting and abdominal pain. Due to product form, ingestion is not considered a likely exposure route.

PRECAUTIONS

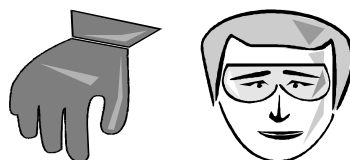
Flammability Non flammable. No fire or explosion hazard exists.

Reactivity Incompatible with oxidising agents (eg. hypochlorites, peroxides) and alkalis (eg. hydroxides).

Ventilation Do not inhale dusts. Use in well ventilated areas - open doors and windows. In poorly ventilated areas, mechanical extraction ventilation at source is recommended.

PERSONAL PROTECTIVE EQUIPMENT

PPE Wear dust-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator. At high dust levels, wear a Full-face Class P3 (Particulate) respirator.



Colour
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AMBER

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FIRST AID

- Eye** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.
- Inhalation** If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
- Skin** Gently flush affected areas with water. Seek medical attention if irritation develops.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from oxidising agents, alkalis and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
- Waste Disposal** Wearing the protective equipment detailed above, neutralise to pH 6-8 by SLOW addition to a saturated sodium bicarbonate solution or similar basic solution. Dilute with excess water and flush to drain. Waste disposal should only be undertaken in a well ventilated area or using a fume cupboard. Do not add water to unreacted acidic products.
- Transport** Not regulated for transport purposes.

EMERGENCY

- Spillage** If spilt/damaged (bulk), contact emergency services if appropriate. Wear dust-proof goggles, PVC/rubber gloves, a Class P1 (Particulate) respirator (where an inhalation risk exists), coveralls and boots. Clear area of all unprotected personnel. Prevent spill entering drains or waterways. Cover spill with moist sand or similar, collect and place in sealable containers for disposal. Avoid generating dust.
- Fire and Explosion** Non flammable. If product is present in a fire, toxic gases may be evolved. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
- Extinguishing** Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: NON FLAMMABLE
Boiling Point: NOT AVAILABLE
Exposure Standard: 2 mg/m³ Aluminium salts
pH: 3.3 (0.2 M solution)
Specific Gravity: 1.725
Vapour Pressure: NOT AVAILABLE
Lower Explosion Limit: NOT RELEVANT

Flash Point: NOT RELEVANT
Melting Point: 92.5 C (Approximately)
Evaporation Rate: NOT AVAILABLE
% Volatiles: NOT AVAILABLE
Solubility (water): SLIGHTLY SOLUBLE
Upper Explosion Limit: NOT RELEVANT