

# Chem Alert Report

Product Name **AMMONIUM SULPHATE.**

Ingredient	Conc.	CAS No.
AMMONIUM SULFATE	100%	7783-20-2

**Synonyms** NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA  
AMMONIUM SULPHATE, AMMONIUM SULPHATE, AR 00000056 - PRODUCT CODE, CP 00005064 - PRODUCT CODE, SULFURIC ACID DIAMMONIUM SALT, SULPHATE OF AMMONIA, TECH 00001304 - PRODUCT CODE, U

**Appearance** WHITE CRYSTALLINE SOLID

**Odour** ODOURLESS

**Use(s)** FERTILISER, WATER TREATMENT, FIRE RETARDANT.

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

**Stock No.** 159.

**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** Low to moderate toxicity - irritant. This product may only present a hazard with direct eye contact, prolonged and repeated skin contact or with dust inhalation at high levels. Chronic effects are not anticipated.

**Eye** Low to moderate irritant. Direct contact may result in irritation, pain and redness.

**Inhalation** Low irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

**Skin** Low irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

**Ingestion** Low to moderate toxicity. Ingestion may result in nausea, vomiting, gastrointestinal irritation and diarrhoea.

## PRECAUTIONS

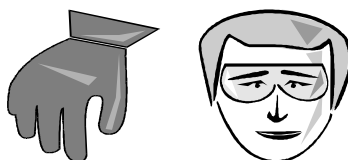
**Flammability** Non flammable. No fire or explosion hazard exists. Will evolve toxic sulfur/ nitrogen oxides and ammonia when heated to decomposition.

**Reactivity** Incompatible with oxidising agents (eg. potassium chlorate, sodium hypochlorite).

**Ventilation** Do not inhale dust/ powder. Use with adequate natural ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation 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. At high dust levels, wear a Class P1 (Particulate) Respirator.



Colour  
Rating  
**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** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

## SAFE HANDLING

- Storage** Store tightly sealed in cool, dry, well ventilated area, removed from oxidising agents and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
- Waste Disposal** Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer for additional information.
- Transport** Not regulated for transport purposes.

## EMERGENCY

- Spillage** If spilt (bulk), wear dust-proof goggles, PVC/rubber gloves and a Class P1 (Particulate) respirator (where a dust inhalation risk exists). Ventilate spillage area. Collect and place in sealable containers for disposal. Avoid generating dust.
- Fire and Explosion** Non flammable. No fire or explosion hazard exists. Will evolve toxic sulfur/ nitrogen oxides and ammonia vapours when heated to decomposition.
- Extinguishing** Non flammable.

## PHYSICAL AND CHEMICAL PROPERTIES

**Flammability:** NON FLAMMABLE  
**Boiling Point:** NOT RELEVANT  
**Exposure Standard:** NOT AVAILABLE  
**pH:** NOT AVAILABLE  
**Specific Gravity:** NOT AVAILABLE  
**Vapour Pressure:** NOT RELEVANT  
**Lower Explosion Limit:** NOT RELEVANT

**Flash Point:** NOT RELEVANT  
**Melting Point:** 350 C  
**Evaporation Rate:** NEGLIGIBLE  
**% Volatiles:** NEGLIGIBLE  
**Solubility (water):** SLIGHTLY SOLUBLE  
**Upper Explosion Limit:** NOT RELEVANT