

Chem Alert Report

Manufacturer's Material Safety Data Sheet

Product Name **AMMONIUM OXALATE****Ingredient**

AMMONIUM OXALATE

Conc.

100%

CAS No.

1113-38-8

Synonyms**CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**

AMMONIUM ETHANEDIOATE, AMMONIUM OXALATE ANALAR, ETHANEDIOIC ACID, DIAMMONIUM SALT, OXALIC ACID, DIAMMONIUM SALT.

Appearance

WHITE CRYSTALLINE POWDER

Odour

ODOURLESS

Use(s)

EXPLOSIVES PRODUCTION, RUST REMOVER, ANALYTICAL REAGENT.

Supplier

FRONINE PTY LTD Ph: (02) 9627 3600

Stock No.

, .

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

Toxic - corrosive. Use safe work practices to avoid eye or skin contact and dust inhalation. Systemic effects may include interference with normal calcium levels within the body resulting in kidney damage, heart and nervous system disturbances.

Eye

Corrosive - severe irritant. Exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.

Inhalation

Irritant. Inhalation of dust may result in mucous membrane irritation of the nose and throat, coughing and at high levels; burning pain, inflammation and ulceration of the respiratory tract.

Skin

Slightly corrosive - irritant. Contact may result in irritation, itching, redness and skin rash.

Ingestion

Toxic - corrosive. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea. Large doses may result in kidney and cardiovascular disorders.

PRECAUTIONS

Flammability

Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons, formic acid) when heated to decomposition.

Reactivity

Incompatible with oxidising agents (eg. chlorites and hypochlorites), alkalis (eg sodium hydroxide) and silver compounds.

Ventilation

Do not inhale dust. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended.

PERSONAL PROTECTIVE EQUIPMENT

PPE

Wear coveralls, dust-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear a PVC apron. Where an inhalation risk exists, wear an Air-line respirator or a Full-face Class P3 (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 over exposure occurs, leave area of exposure. If assisting a victim avoid becoming a casualty, wear a Full-face Class P3 (Particulate) respirator where an inhalation risk exists. If victim is not breathing apply artificial respiration and seek urgent 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 in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents, alkalis, silver compounds 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** Neutralise with lime, weak alkali or similar. For small amounts absorb with sand or similar 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), contact emergency services if appropriate. Wear PVC/rubber gloves, a Full-face Class P3 (Particulate) respirator or an Air-line respirator, coveralls, an apron and boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar, collect and place in sealable containers for disposal.
- Fire and Explosion** Non flammable. Evacuate area and contact emergency services. Toxic gases (eg. carbon oxides, formic acid, hydrocarbons) may be evolved when heated. 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 RELEVANT
Exposure Standard: NOT AVAILABLE
pH: NOT AVAILABLE
Specific Gravity: 1.50
Vapour Pressure: NOT AVAILABLE
Lower Explosion Limit: NOT RELEVANT

Flash Point: NOT RELEVANT
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
% Volatiles: NOT AVAILABLE
Solubility (water): SOLUBLE
Upper Explosion Limit: NOT RELEVANT
Decomposition Temperature: 70 C