

Chem Alert Report

Product Name **AMMONIUM CHLORIDE.**

Ingredient

AMMONIUM CHLORIDE

Conc.

100%

CAS No.

12125-02-9

Synonyms

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

AMMONIUM CHLORIDE, AMMONIUM CHLORIDE (FORMERLY), AMMONIUM CHLORIDE DOGSTAR, AMMONIUM CHLORIDE GRANULAR, AMMONIUM CHLORIDE POWDER, AR 00000031 - PRODUCT CODE, SAL WHITE GRANULAR POWDER OR COLOURLESS CRYSTALS

Appearance

Odour ODOURLESS

Use(s) CLEANING AGENT, TANNING, ELECTROPLATING, DYEING, FLUX, FREEZE APPLICATION, EXPLOSIVE, WAS

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

Stock No. 414.

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 Moderately toxic - irritant. This product has the potential to cause acute and chronic health effects. Over exposure to any dust should be avoided. Use safe work practices to avoid eye or skin contact and dust generation or inhalation.

Eye Irritant. Contact may result in lacrimation, irritation, pain, redness and conjunctivitis. Prolonged contact may result in corneal burns and possible damage.

Inhalation Irritant. Over exposure to powder or fumes (if heated) may result in mucous membrane irritation of the nose and throat and coughing. At high levels breathing difficulties may occur.

Skin Irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

Ingestion Moderately toxic. Ingestion may result in nausea, vomiting, headache, drowsiness and hyperventilation. Large doses may cause metabolic acidosis and excess urine.

PRECAUTIONS

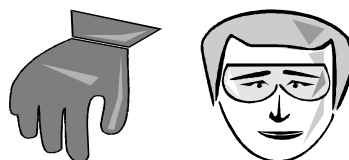
Flammability Non flammable. May evolve toxic gases (hydrocarbons, ammonia, hydrochloric acid, carbon and nitrogen oxides) when heated to decomposition.

Reactivity Incompatible with oxidising agents (eg. hypochlorites), acids (eg. phosphoric acid), alkalis (eg. hydroxides), silver salts, potassium chlorate, interhalogens and metals at high temperatures (eg. aluminium, zinc).

Ventilation Ensure adequate natural ventilation.

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** 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. If swallowed, do not induce vomiting.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents, acids, alkalis, silver salts, potassium chlorate, interhalogens, metals, heat sources 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** Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer if additional information is required.
- Transport** Not regulated for transport purposes.

EMERGENCY

- Spillage** If spilt (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 rubber boots. Clear area of all unprotected personnel. Prevent spill entering drains or waterways. Collect and place in sealable containers for disposal or reuse. Avoid generating dust.
- Environment** Ammonium chloride is harmful to aquatic life in very low concentrations. Toxic to plants. There is no evidence to suggest that ammonium chloride bioaccumulates.
- Fire and Explosion** Non flammable. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire.
- Extinguishing** Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: NON FLAMMABLE	Flash Point: NOT RELEVANT
Boiling Point: 520 C	Melting Point: NOT AVAILABLE
Exposure Standard: 10 mg/m3 Ammonium chloride fume	Evaporation Rate: 0 (Butyl acetate = 1)
pH: 5.5 (1 % solution)	% Volatiles: NOT AVAILABLE
Specific Gravity: 1.5274	Solubility (water): SOLUBLE
Vapour Pressure: 1 mm Hg @ 160.4 C	Upper Explosion Limit: NOT RELEVANT
Lower Explosion Limit: NOT RELEVANT	Vapour Density: 1.9 (Air = 1)
Sublimation Temperature: 340 C	

AMBER

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