

Infosafe No™ VARAF Issue Date : September 2016 ISSUED by HUNTERST

Product Name **CLOUDY AMMONIA**

1. Identification

GHS Product Identifier CLOUDY AMMONIA

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use As a cleaner and laundry aid.
Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture Not classified as Hazardous
Not classified as a Dangerous Good

Signal Word (s) NONE

Hazard Statement (s) None

Precautionary statement – General P102 Keep out of reach of children.
P104 Read Safety Data Sheet before use

Pictogram (s) None

Precautionary statement – Storage P404 Store in a closed container.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Other ingredients determined not to be hazardous, including water	N/A	to 100%
	Ammonium Hydroxide 25%	1336-21-6	<5%

4. First-aid measures

First Aid Measures If poisoning occurs contact a doctor or Poisons Information Centre Phone 131126

Inhalation Remove from contaminated area immediately to fresh air; avoid becoming a casualty. If breathing is difficult, give oxygen. If not breathing apply artificial resuscitation. Seek medical advice.

Ingestion If swallowed, do NOT induce vomiting. Rinse mouth out with water then give large quantities of water to drink. Do not give anything if victim is unconscious. Seek medical advice.

Skin Remove all contaminated clothing. Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse. If irritation persists seek medical advice.

Eye contact Hold eyelids open and irrigate continuously with water for 15 minutes. Lift upper and lower lids occasionally. Seek medical advice.

First Aid Facilities Eye wash. Hand wash basin.

Advice to Doctor Product is a dilute aqueous solution of ammonia and a soap. If swallowed, vomiting should not have been induced because of risk of aspiration of alkaline froth into the lungs. May be irritating to eyes. Contact Poisons Information Centre.

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5. Fire-fighting measures

Suitable extinguishing media Use water fog, dry chemical, and carbon dioxide extinguishers. Water spray may be used to cool containers.

Hazards from Combustion Products Will emit toxic fumes upon burning.

6. Accidental release measures

Emergency Procedures Contain.
Increase ventilation.

Spills & Disposal Prevent major spills from entering drains and watercourses. Spills may be slippery when wet. Clean up immediately. Contain. Pump up excess material if appropriate. Use absorbent, collect and seal in properly labeled drums for disposal. Wash down area with excess water. Ventilate area to dispel any residual vapours.

Personal Protection Always wear PPE recommended in Section 8 when cleaning up spills

Environmental Precautions Prevent run off into drains and waterways.

7. Handling and storage

Precautions for Safe Handling Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Wear correct PPE when handling this product. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original container. Keep container upright in cool dry area. Keep lid of container closed when not in use. Store away from oxidizing agents and food. Do not store near extreme heat or open flames. Will release small amounts of ammonia if left exposed.

Unsuitable Materials Reacts vigorously with strong acids. May be corrosive to aluminium.

8. Exposure controls/personal protection

Occupational exposure limit values The ASCC does not list an exposure limit for this product however for Ammonia TWA: 25ppm 17mg / m³ ;STEL: 35ppm 24mg / m³

Appropriate engineering controls Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.

Personal Protective Equipment Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
Normal Use:
Eye/face protection
Gloves, rubber or plastic.
Industrial Quantities:
Face shield or safety glasses
Gloves, rubber or plastic
Plastic apron, sleeves and boots
Impervious overalls.

9. Physical and chemical properties

Form Liquid

Appearance Colourless, slightly cloudy, mobile liquid.

Odour Characteristic smell of ammonia.
Odour threshold: 50 ppm.

Melting Point Not available.

Boiling Point 100o C

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Solubility in Water	Totally miscible with water.
Specific Gravity	1.0
pH	10.5 - 11.5
Flash Point	None.
Other Information	Dilute alkaline solution. Will react with acids. May turn a blue colour on contact with copper and its alloys (e.g. brass, bronze). Slippery when spilled.

10. Stability and reactivity

Chemical Stability This material is stable under normal conditions of storage and use.

Conditions to Avoid Incompatible materials.

Incompatible Materials Acids, copper, copper alloys, copper salts.

Hazardous Decomposition Products Ammonia, oxides of nitrogen.

Possibility of hazardous reactions Reacts with strong acids to produce heat.

11. Toxicological Information

Acute Toxicity - Oral LD50: Aqua Ammonia Oral LD 50 (Rat) 350 mg/kg

Ingestion May be irritating to the mouth, nose and throat. Likely to cause gastric upset, nausea, vomiting and diarrhoea.

Inhalation Vapours may be irritating to the upper respiratory system. Aspiration of froth into the lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.

Skin May cause mild irritation. Will have a degreasing effect on the skin.

Eye May cause eye irritation.

Chronic Effects Long term exposure to low levels of ammonia vapour may lead to chronic bronchitis.

12. Ecological information

Ecotoxicity Local concentrations of ammonia may be harmful to aquatic organisms.

Mobility Readily transported by running water.

Other Adverse Effects Contains a small quantity of a surfactant. Local concentrations may be harmful to aquatic organisms, including fish.

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

Special precautions for landfill or incineration Unsuitable for incineration.

14. Transport information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. Regulatory information

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Poisons Schedule S5
AICS (Australia) All components listed.

16. Other Information

Date of preparation or last revision of SDS 19/09/2016

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals

Signature of Preparer/Data Service Technical Manager 0407 610 542

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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