

MATERIAL SAFETY DATA SHEET – CLOUDY AMMONIA**Hazardous according to criteria of WorkSafe Australia**

It is not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods code for transport by road or rail.

PRODUCT IDENTIFICATION:

Trade Name: Cloudy Ammonia
Chemical Name: Ammonia, aqueous solution, 3%
Poisons Schedule: S5

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance:	Cloudy white, opaque liquid	Vapour Pressure:	NA
Odour:	Distinctive pungent odour	Specific Gravity:	0.9850 – 0.9950
PH:	11.0 – 12.5	Flash Point:	NA
Boiling Point:	NA	Flammability Limits:	LEL: NA UEL: NA
Melting Point:	NA	Solubility in Water:	NA
Pour Point:	NA		

Chemical Composition: Mixture of ammonia, water and soap with a sharp irritating odour.

HEALTH HAZARD INFORMATION:

HEALTH EFFECTS: Can be irritating to the eyes and respiratory system.

FIRST AID:

Swallowed: DO NOT Induce Vomiting. Rinse mouth with water. Give water to drink. For advice, contact Poisons Information Centre on 13 11 26.

Eye: Flush thoroughly with water for at least 15 minutes. Obtain medical attention.

Skin: Cleanse the contact area with waterless hand cleaner or soap and water as soon as practicable. Do not wear ordinary clothing wet with this product. Remove contaminated clothing and launder before reuse. Discard of shoes if material has penetrated to inside surface.

Inhaled: Remove from further exposure. If respiratory irritation, dizziness, nausea or loss of consciousness occurs, seek immediate medical assistance and call an ambulance. If breathing has stopped, use mouth to mouth resuscitation.

Advice to Doctor: Treat symptoms with reference to specific health effects identified above.

PRECAUTIONS FOR USE:

Exposure Standards: 100ppm

Engineering Controls: Use in well ventilated areas. Local exhaust ventilation may be necessary to minimise excessive vapour or release into the working environment. Ventilation required and equipment must be explosion proof. Use away from all ignition sources.

Personal Protection: Normal industrial eye protection practises should always be employed.

Skin Protection: Impervious gloves must be worn. If contact is likely, oil impervious clothing must be worn. Good personal hygiene should always be followed.

Inhalation: Approved respiratory protective equipment must be used when vapour or mist concentrations exceed recommended exposure standards.

Flammability:

SAFE HANDLING INFORMATION:

Storage and Transport: Store in a cool area. A flammable atmosphere can be produced in storage tank head spaces even when stored at a temperature below the flash point. Monitor and maintain head space gas concentrations below flammable limits. Ensure that there are no ignition sources in the area immediately surrounding filling and venting operations. Avoid sparking conditions. Ground and bond all transfer equipment. Override harmful in contact with or if absorbed through the skin. Avoid prolonged, repeated skin contact and breathing vapours or mists. Avoid contact with eyes.

Spills and Disposal: Contain and absorb on fire retardant treated sawdust, diatomaceous earth, ect. Shovel up and dispose of at an appropriate licensed waste disposal site in accordance with current applicable laws and regulations and product is suitable for pressing by an approved recycling facility or can be disposed of at any licensed waste disposal site. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

Fire/Explosion Hazard: Flammable.

SPECIAL FIRE FIGHTING PROCEDURES:

Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Water spray must be used to flush spills away from exposures. For fires in enclosed area, fire-fighters must use self contained breathing apparatus. Prevent runoff from fire control or dilution from entering waterways, sewers or drinking water supply.

Unusual Fire and Explosion Hazards:

Flammable: Vapour accumulation could flash and/or explode if ignited.

OTHER INFORMATION:

Reactivity Data: Stability (Thermal, Light, ect.): Stable

Conditions to Avoid: Heat, sparks, flame and build up of static electricity.

Incompatibility (Materials to Avoid): Strong oxidisers.

Hazardous Decomposition Products: Carbon monoxide.

Hazardous Polymerisation: Will not occur.

DISCLAIMER: The data provided here is based on current knowledge and experience. The purpose for this Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to the properties or end use or handling of the product. All information is provided in good faith but without guarantee and without acceptance of responsibility of accuracy.

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