

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: **CLOUDY AMMONIA (AMAZING HASTE)
Household Cleaner**

Recommended Use: Cleaner for floors, tiles, ovens, stainless steel, white ware, windows, septic tanks.

Supplier: TMK Packers Ltd

Address: 2/20 Trugood Drive, East Tamaki.
PO Box 258 031, Botany, Manukau 2163

Telephone: (+64) 9 273 3753

Facsimile: (+64) 9 273 3752

Website: www.tmkpackers.co.nz

Emergency phone: **National Poison Centre
0800 POISON [0800 764 766]**



2. HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the *Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996.

HSNO Classifications: 6.3B, 6.4A, 9.1D

Signal word: **WARNING**

Hazard Statements :

H316 Causes mild skin irritation

H320 Causes eye irritation

H402 Harmful to aquatic life

Prevention Statements :

P103 Read label before use

P264 Wash hands thoroughly after handling

P273 Avoid release to environment

P280 Wear eye protection

3. COMPOSITION : Information on Ingredients

Chemical Ingredient	CAS No.	Proportion (%)
Ammonium hydroxide	1336-21-6	< 2
Additives	proprietary	< 2
Water	7732-18-5	> 90



4. FIRST AID MEASURES

For advice, contact National Poison Centre (0800 POISON ; 0800 764 766) or a doctor.
Have product container or label available.

Swallowed

If swallowed, do NOT induce vomiting. Give water to drink. Get medical advice.

Skin Contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation persists, get medical attention.

Eye Contact

Hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Remove contact lenses if present and easy to do, after the first 5 minutes and continue rinsing. Get medical attention if irritation persists.

Inhalation

Move the victim to fresh air immediately. Keep warm and at rest until recovered. Get medical attention if symptoms continue.

First Aid Facilities: Provide eye bath.

Advice to Doctor: Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Flashpoint: >100°C

Flammable limits: LFL : not available UFL: not available

Extinguishing media:

Use extinguishing media suitable for surrounding materials.

Fire & Explosion hazards:

Do not breathe smoke, gases or vapours generated in a fire.

Firefighting Equipment:

Full protective clothing and self-contained breathing apparatus (SCBA).

In event of fire:

- Alert Fire Bridge (111); advise location and nature of hazard.
- Wear breathing apparatus and protective gloves.
- Shut off product that may 'fuel' a fire if safe to do so.
- If safe, switch off electrical equipment until vapour hazard removed.
- Allow trained personnel to attend a fire in progress, providing fire-fighters with this Safety



Data Sheet.

- Prevent product and extinguishing media from escaping to drains and waterways.

Hazards from combustion products:

Product will emit toxic fumes of nitrogen oxides.

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures & Containment:

Refer to “Fire Fighting Measures”, “First Aid Measures” and “Stability and Reactivity”.

Minor spills

- Clean up spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Wear personal protective equipment.
- Contain and absorb small quantities with vermiculite or other absorbent material.
- Collect residues and waste material in a labelled container.
- Seal container and dispose of safely.

Major spills

- Clear area of personnel and move upwind.
- Alert Fire Bridge (111); advise location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Stop leak if safe to do so.
- Contain spill with sand, earth or vermiculite.
- Prevent by any means available, spillage from entering drains, sewers, watercourses, or low-lying areas.
- Increase ventilation.
- Water spray or fog may be used to disperse/absorb vapour.
- Collect recoverable product into labeled containers for recycling.
- Absorb remaining product with sand, earth or vermiculite.
- Collect solid residues and seal in labelled drums for disposal.
- Wash area and prevent run off into drains.
- If contamination of drains or waterways occurs, advise Emergency Services and Local or Regional authority.

7. HANDLING AND STORAGE

Precautions for safe handling:

Read product label before use. Use in well-ventilated area.

Wear gloves and wash hands with soap and water after handling.



Conditions for safe storage:

Store in original packaging in a cool, dry well-ventilated place. Check containers periodically for leaks or distortion.

Incompatible materials:

None identified.

8. EXPOSURE CONTROLS : PERSONAL PROTECTION

Health Exposure Standards:

A Workplace Exposure Standard (WES) has been set by the Occupational Safety and Health Service, NZ Department of Labour for a component in this product.

	WES-TWA	WES-STEL
Ammonia	25 ppm (17 mg/m ³)	35 ppm (24 mg/m ³)

Biological limit values: None established

Engineering Controls:

Ventilation: Avoid breathing vapours, mist or spray. Use product outdoors or in well-ventilated area.

Personal Protective Equipment:

Respiratory Protection: Not normally required. Wear a SAA approved respirator when using in confined area or where over-exposure risk exists.

Eye Protection: Protect eyes from splashes. Always use safety glasses with side shields, or wear goggles.

Skin/ Body Protection:

Wear gloves, e.g. PVC. If using product in commercial or industrial situations, wear chemical resistant gloves, e.g. PVC, nitrile rubber, also safety footwear or safety gumboots, e.g. rubber, wear long sleeves and long trousers or coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Cloudy white/grey liquid
Odour	-	Ammonia
Flash Point	°C	> 100 °C
Specific gravity @ 20°C	g/ml	~ 1.0
Vapour Pressure @ 20°C	mm Hg	<1
Vapour Density @ 20°C	kPa	Not available
Explosive Limits in Air	%	Not available
Viscosity	cSt	Not available
Volatiles	%vol/vol	Not available



Alkalinity/acidity (as pH)	-	>7
Solubility in Water	% w/w	Miscible

The values listed are indicative of this product's physical and chemical properties.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at room temperature and pressure.

Conditions to avoid: No specific information available.

Hazardous decomposition products: No decomposition products except on burning. See "Fire Fighting Measures" and "Hazardous Reactions".

Hazardous reactions: No specific information available.

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

Unlikely to be harmful however gastrointestinal tract discomfort may result in nausea and vomiting.

Eye Contact

This product may be irritating to the eyes resulting in tearing and redness.

Skin Contact

This product can be irritating to the skin.

Inhalation

Vapours and mist may cause discomfort to respiratory tract and lungs.

Chronic Effects: No specific ill-effects identified.

Other Health Effects Information: No specific ill-effects identified.

Toxicological Information:

Ammonium hydroxide Oral, LD₅₀, rat 350 -370 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:



Aquatic toxicity:	Product has not been identified as being harmful to aquatic life.		
Persistence/degradability:	Not expected to be persistent nor bioaccumulative.		
Mobility:	No information available.		
Other information:	Ammonium hydroxide	Coho salmon	LC ₅₀ (96 hr) 0.45 mg/L
		<i>Daphnia magna</i>	EC ₅₀ (48hr) 0.66 mg/L

Environmental Exposure Standards:

EEL (WATER):	Not set
EEL (SOIL)	Not set
EEL (SEDIMENTS)	Not set

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national, regional and local authority regulations. Packaging may still contain product residue.

14. TRANSPORT INFORMATION

UN Number: Not regulated
Shipping name:
Class:
Packing group:
Hazchem code:

Dangerous Goods Segregation

This product is not classified as Dangerous Good.
Please consult NZS 5433:2007 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

Country/ Region: New Zealand
Inventory: NZCIL
Status: Listed

ERMA New Zealand Approval Code:

HSR002530 Cleaning Product (Subsidiary Hazard) Group Standard 2006.
Refer www.ermanz.govt.nz for information on Controls.



16. OTHER INFORMATION

Date of Issue: 27th April, 2010
Reasons for Issue: Change in format; add heading.
Replaces: 26th March 2010

Abbreviations:

CAS No Chemical Abstracts Number
ERMA Environmental Risk Management Authority
HSNO Hazardous Substances and New Organisms
NZCI New Zealand Chemical Inventory
STEL Short Term Exposure Limit
TWA Time Weighted Average
WES Workplace Exposure Standard

References:

Supplier Material Safety Data Sheets
ERMA website: www.ermanz.govt.nz

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact TMK Packers Ltd.

END OF SAFETY DATA SHEET

