



## 1. IDENTIFICATION

<b>Product Name</b>	<b>Ammonia 25%</b>
<b>Other Names</b>	Ammonia aqua; Ammonia Aqueous; Ammonia Aqueous, 25%; Ammonia solution; Ammonia water; Ammonia, aqueous solution; Ammonium liquor
<b>Uses</b>	Cleaning/washing agents and additives; explosives; pH regulating agent; photochemical; flotation agent; laboratory chemical; manufacture of other chemicals.
<b>Chemical Family</b>	No Data Available
<b>Chemical Formula</b>	H5NO
<b>Chemical Name</b>	Ammonium, aqueous solution
<b>Product Description</b>	Strongly alkaline.

### Contact Details of the Supplier of this Safety Data Sheet

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>
Aurora Cleaning Supplies	F1/ 5 Bungaleen Court  Dandenong South, VIC, 3175	03 9768 2669

### Emergency Contact Details

*For emergencies only; DO NOT contact these companies for general product advice.*

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>
Poisons Information Centre	Westmead NSW	131126

## 2. HAZARD IDENTIFICATION

# Safety Data Sheet, Ammonia 25%, Revision 3, 22/08/2024

Poisons Schedule (Aust)

Schedule 6

## Globally Harmonised System

### Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

### Hazard Categories

Corrosive to Metals - Category 1  
Acute Toxicity (Oral) - Category 4  
Skin Corrosion/Irritation - Category 1C  
Serious Eye Damage/Irritation - Category 1  
Specific Target Organ Toxicity (Single Exposure) - Category 3  
Acute Hazard To The Aquatic Environment - Category 1

### Pictograms



### Signal Word

Danger

### Hazard Statements

**H290** May be corrosive to metals.  
**H302** Harmful if swallowed.  
**H314** Causes severe skin burns and eye damage.  
**H335** May cause respiratory irritation.  
**H400** Very toxic to aquatic life.  
**AUH071** Corrosive to the respiratory tract

### Precautionary Statements

Prevention

**P260** Do not breathe mist/vapour/spray.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection.  
**P273** Avoid release to the environment.  
**P270** Do not eat, drink or smoke when using this product.  
**P271** Use only outdoors or in a well-ventilated area.  
Response **P303 + P361 + P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
**P310** Immediately call a POISON CENTER or doctor.  
**P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**P301 + P330 + P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
**P363** Wash contaminated clothing before reuse.  
**P391** Collect spillage.  
**P304 + P340** IF INHALED: Remove victim to fresh air and keep comfortable for breathing.  
**P390** Absorb spillage to prevent material-damage.  
Storage **P403 + P233** Store in a well-ventilated place. Keep container tightly closed.  
**P405** Store locked up.  
**P406** Store in corrosive resistant container with a resistant inner liner.  
Disposal **P501** Dispose of contents/container in accordance with local / regional / national / international regulations.

## National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

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## Dangerous Goods Classification

Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Ammonia, aqueous solution	Unspecified	1336-21-6	>10 - <=35 %
Water	H2O	7732-18-5	Balance %

### 4. FIRST AID MEASURES

#### Description of necessary measures according to routes of exposure

<b>Swallowed</b>	IF SWALLOWED: Rinse mouth, then drink a glass of water. Do NOT induce vomiting. Immediately call a Poison Centre or doctor/physician for advice. Never give anything by mouth to an unconscious person.
<b>Eye</b>	IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Centre or doctor/physician for advice. Can cause corneal burns - Urgently seek medical assistance!
<b>Skin</b>	IF ON SKIN (or hair): Remove and isolate contaminated clothing and shoes. Immediately flush skin and hair with running water for at least 15 minutes. Immediately call a Poison Centre or doctor/physician for advice. Wash contaminated clothing and shoes before reuse. * For minor skin contact, avoid spreading material on unaffected skin.
<b>Inhaled</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove contaminated clothing and loosen remaining clothing. Immediately call a Poison Centre or doctor/physician for advice. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.
<b>Advice to Doctor</b>	Treat symptomatically. Keep victim calm and warm. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Following severe exposure, the patient should be kept under medical supervision for at least 48 hours due to the possibility of delayed pulmonary oedema. *Ensure that attending medical personnel are aware of identity and nature of product(s) involved, and take precautions to protect themselves.
<b>Medical Conditions Aggravated by Exposure</b>	No information available.

### 5. FIRE FIGHTING MEASURES

<b>General Measures</b>	Consider evacuation. If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out.
<b>Flammability Conditions</b>	Non-combustible; substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
<b>Extinguishing Media</b>	If material is involved in a fire, use dry chemical, Carbon dioxide (CO2), foam or water spray for extinction - Do not use water jets.
<b>Fire and Explosion Hazard</b>	Ammonia decomposes into flammable hydrogen gas at approximately 450 °C. May form flammable mixtures in air. The presence of oil or other combustible material will increase the fire hazard. Fatalities have occurred as a result of the explosive nature of the ammonia gas.

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<b>Hazardous Products of Combustion</b>	Fire may produce irritating, corrosive and/or toxic gases, including ammonia, nitrogen oxides, hydrogen.
<b>Special Fire Fighting Instructions</b>	Contain runoff from fire control or dilution water - Runoff may be corrosive and/or toxic and cause pollution.
<b>Personal Protective Equipment</b>	Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing - It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
<b>Flash Point</b>	No Data Available
<b>Lower Explosion Limit</b>	16 %
<b>Upper Explosion Limit</b>	25 %
<b>Auto Ignition Temperature</b>	No Data Available
<b>Hazchem Code</b>	2R

### 6. ACCIDENTAL RELEASE MEASURES

<b>General Response Procedure</b>	Ensure adequate ventilation - Ventilate enclosed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material - Slippery when spilt. Avoid accidents, clean up immediately! Do not breathe vapours and prevent contact with eyes, skin and clothing.
<b>Clean Up Procedures</b>	Absorb or cover with dry earth, sand or other non-combustible material and transfer to properly labelled containers for disposal (see SECTION 13).
<b>Containment</b>	Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Decontamination</b>	Neutralise with dilute acid.
<b>Environmental Precautionary Measures</b>	Spillages and decontamination runoff should be prevented from entering drains and watercourses. If contamination of sewers or waterways has occurred, advise local emergency services.
<b>Evacuation Criteria</b>	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground.
<b>Personal Precautionary Measures</b>	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (see SECTION 8). *Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation - Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Do not breathe mist/vapours/aerosols and prevent contact with eyes, skin and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection (see SECTION 8). Keep away from heat and sources of ignition - No smoking. Avoid release to the environment - Collect spillage (see SECTION 6). *Caution should be exercised when opening storage containers or vessels. Flammable concentrations of ammonia gas can accumulate in the head space.
<b>Storage</b>	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed when not in use - check regularly for leaks. Keep away from heat and sources of ignition - No smoking. Keep away from foodstuffs and incompatible materials (see SECTION 10). Store locked up.
<b>Container</b>	Keep in the original container.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>General</b>	For Ammonia: - Safe Work Australia Exposure Standard: TWA = 25 ppm (17 mg/m <sup>3</sup> ); STEL = 35 ppm (24 mg/m <sup>3</sup> ). - New Zealand Workplace Exposure Standard [Next review 2023]: TWA = 25 ppm (17 mg/m <sup>3</sup> ); STEL = 35 ppm (24 mg/m <sup>3</sup> ).
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<b>Exposure Limits</b>	No Data Available
<b>Biological Limits</b>	No information available.
<b>Engineering Measures</b>	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
<b>Personal Protection Equipment</b>	<ul style="list-style-type: none"><li>- Respiratory protection: In case of inadequate ventilation, wear respiratory protection. Recommended: If determined by a risk assessment an inhalation risk exists, wear an air-supplied mask (refer to AS/NZS 1715 &amp; 1716).</li><li>- Eye/face protection: Wear appropriate personal protective clothing to prevent skin contact. Recommended: Chemical goggles, full face shield (not required if wearing full-face, air-supplied mask).</li><li>- Hand protection: Wear protective gloves. Recommended: Elbow-length, impervious gloves.</li><li>- Skin/body protection: Wear appropriate eye protection to prevent eye contact. Recommended: Wear overalls, splash apron and rubber boots.</li></ul>
<b>Special Hazards Precautions</b>	No information available.
<b>Work Hygienic Practices</b>	Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating, drinking or using the toilet. Remove contaminated clothing and shoes immediately. Wash contaminated clothing and other protective equipment before storage or re-use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Odour</b>	Sharp, irritating
<b>Colour</b>	Colourless
<b>pH</b>	11.7 (1% aqueous solution)
<b>Vapour Pressure</b>	6.9 - 10.5 psi (@ 20 °C)
<b>Relative Vapour Density</b>	0.6 Air = 1
<b>Boiling Point</b>	18 - 37 °C
<b>Melting Point</b>	No Data Available
<b>Freezing Point</b>	No Data Available
<b>Solubility</b>	Miscible with water
<b>Specific Gravity</b>	0.88 - 0.92
<b>Flash Point</b>	No Data Available
<b>Auto Ignition Temp</b>	No Data Available
<b>Evaporation Rate</b>	No Data Available
<b>Bulk Density</b>	No Data Available
<b>Corrosion Rate</b>	No Data Available
<b>Decomposition Temperature</b>	No Data Available
<b>Density</b>	No Data Available
<b>Specific Heat</b>	No Data Available
<b>Molecular Weight</b>	35.04
<b>Net Propellant Weight</b>	No Data Available
<b>Octanol Water Coefficient</b>	No Data Available
<b>Particle Size</b>	No Data Available
<b>Partition Coefficient</b>	No Data Available
<b>Saturated Vapour Concentration</b>	No Data Available
<b>Vapour Temperature</b>	No Data Available
<b>Viscosity</b>	No Data Available
<b>Volatile Percent</b>	100 %

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<b>VOC Volume</b>	No Data Available
<b>Additional Characteristics</b>	No information available.
<b>Potential for Dust Explosion</b>	Not applicable.
<b>Fast or Intensely Burning Characteristics</b>	No information available.
<b>Flame Propagation or Burning Rate of Solid Materials</b>	No information available.
<b>Non-Flammables That Could Contribute Unusual Hazards to a Fire</b>	The presence of oil or other combustible material will increase the fire hazard.
<b>Properties That May Initiate or Contribute to Fire Intensity</b>	Non-combustible; substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
<b>Reactions That Release Gases or Vapours</b>	Fire/decomposition may produce irritating, corrosive and/or toxic gases, including ammonia, hydrogen.
<b>Release of Invisible Flammable Vapours and Gases</b>	Ammonia decomposes into flammable hydrogen gas at approximately 450 °C. May form flammable mixtures in air.

### 10. STABILITY AND REACTIVITY

<b>General Information</b>	Reacts violently with acids.
<b>Chemical Stability</b>	Reacts exothermically with strong mineral acids. May form explosive compounds with mercury, halogens and hypochlorites.
<b>Conditions to Avoid</b>	Keep away from heat and sources of ignition. Avoid exposure to light.
<b>Materials to Avoid</b>	Incompatible/reactive with peroxides, metal salts, acids and reducing agents. Corrosive to copper, nickel, tin, zinc and their alloys.
<b>Hazardous Decomposition Products</b>	Fire/decomposition may produce irritating, corrosive and/or toxic gases, including ammonia, hydrogen.
<b>Hazardous Polymerisation</b>	No information available.

### 11. TOXICOLOGICAL INFORMATION

<b>General Information</b>	<ul style="list-style-type: none"><li>- Acute toxicity: Harmful if swallowed. May be harmful if inhaled. Swallowing may cause nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the mouth, throat and gastrointestinal tract. Inhalation of high concentrations may cause severe breathing difficulties, chest pain and lung damage, including pulmonary oedema and death.</li><li>- Skin corrosion/irritation: Corrosive to skin! Causes severe skin burns and eye damage.</li><li>- Eye damage/irritation: Corrosive to eyes! Causes serious eye damage.</li><li>- Respiratory/skin sensitisation: No information available.</li><li>- Germ cell mutagenicity: Not considered to have significant genotoxic potential [NICNAS].</li><li>- Carcinogenicity: Considered to have a low potential to cause carcinogenic effects [NICNAS].</li><li>- Reproductive toxicity: Not expected to cause specific reproductive or developmental toxicity [NICNAS].</li><li>- STOT (single exposure): Corrosive to the respiratory tract! May cause respiratory irritation. Breathing in mists or aerosols will produce respiratory irritation.</li><li>- STOT (repeated exposure): Not expected to cause systemic effects following repeated exposure, although local effects in the gastrointestinal tract, eye and respiratory tract irritation, could occur [NICNAS]. Repeated or prolonged exposure may cause bronchitis. Chronic exposure to ammonia may cause chemical pneumonitis and kidney damage.</li><li>- Aspiration toxicity: No information available.</li></ul>
<b>Acute</b>	
<b>Ingestion</b>	Acute toxicity (Oral): COMPONENT: Aqueous ammonia (CAS No. 1336-21-6): - LD50, Rats: 350 mg/kg bw. [NICNAS].
<b>Carcinogen Category</b>	None

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Aquatic toxicity: - LC50, Fish (Rainbow trout): 0.53 mg/L (96 h) [for Ammonia; Supplier's SDS].
<b>Persistence/Degradability</b>	The material is biodegradable.
<b>Mobility</b>	No information available.
<b>Environmental Fate</b>	Very toxic to aquatic life - Avoid release to the environment.
<b>Bioaccumulation Potential</b>	Does not bioaccumulate.
<b>Environmental Impact</b>	No Data Available

**13. DISPOSAL CONSIDERATIONS**

<b>General Information</b>	Dispose of contents/container in accordance with local/regional/national regulations.
<b>Special Precautions for Land Fill</b>	No information available.

**14. TRANSPORT INFORMATION****Land Transport (Australia)**

ADG Code

<b>Proper Shipping Name</b>	AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia
<b>Class</b>	8 Corrosive Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	37 Toxic And/Or Corrosive Substances Non-Combustible
<b>UN Number</b>	2672
<b>Hazchem</b>	2R
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (Malaysia)**

ADR Code

<b>Proper Shipping Name</b>	AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia
<b>Class</b>	8 Corrosive Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	37 Toxic And/Or Corrosive Substances Non-Combustible
<b>UN Number</b>	2672
<b>Hazchem</b>	2R
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

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## Land Transport (New Zealand)

NZS5433

<b>Proper Shipping Name</b>	AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia
<b>Class</b>	8 Corrosive Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	37 Toxic And/Or Corrosive Substances Non-Combustible
<b>UN Number</b>	2672
<b>Hazchem</b>	2R
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

## Land Transport (United States of America)

US DOT

<b>Proper Shipping Name</b>	AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia
<b>Class</b>	8 Corrosive Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>ERG</b>	154 Substances - Toxic and/or Corrosive (Non-Combustible)
<b>UN Number</b>	2672
<b>Hazchem</b>	2R
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

## Sea Transport

IMDG Code

<b>Proper Shipping Name</b>	AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia
<b>Class</b>	8 Corrosive Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	2672
<b>Hazchem</b>	2R
<b>Pack Group</b>	III
<b>Special Provision</b>	P
<b>EMS</b>	F-A, S-B
<b>Marine Pollutant</b>	Yes

## Air Transport

IATA DGR

<b>Proper Shipping Name</b>	AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15 °C in water, with more than 10% but not more than 35% ammonia
<b>Class</b>	8 Corrosive Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	2672
<b>Hazchem</b>	2R
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available



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## National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

### Dangerous Goods Classification

Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

## 15. REGULATORY INFORMATION

### General Information

AMMONIA

### Poisons Schedule (Aust)

Schedule 6

## Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

### Approval Code

HSR001526 (Reissued)

## National/Regional Inventories

### Australia (AIIIC)

Listed

### Canada (DSL)

Not Determined

### Canada (NDSL)

Not Determined

### China (IECSC)

Not Determined

### Europe (EINECS)

Not Determined

### Europe (REACH)

Not Determined

### Japan (ENCS/METI)

Not Determined

### Korea (KECI)

Not Determined

### Malaysia (EHS Register)

Not Determined

### New Zealand (NZIoC)

Listed

### Philippines (PICCS)

Not Determined

### Switzerland (Giftliste 1)

Not Determined

### Switzerland (Inventory of Notified Substances)

Not Determined

### Taiwan (NCSR)

Not Determined

### USA (TSCA)

Not Determined

## 16. OTHER INFORMATION

### Related Product Codes

AMAQUB1000, AMAQUB1200, AMAQUB1201, AMAQUB2500, AMAQUB2501, AMAQUB2600, AMAQUB5000,

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AMAUQB5001, AMAUQB6000, AMAUQB6500, AMAUQB7000, AMAUQB7001, AMAQUE0700, AMAQUE0701, AMAQUE0800, AMAQUE0900, AMAQUE1000, AMAQUE1001, AMAQUE1002, AMAQUE1003, AMAQUE1004, AMAQUE1005, AMAQUE1006, AMAQUE1007, AMAQUE1008, AMAQUE1009, AMAQUE1010, AMAQUE1011, AMAQUE1012, AMAQUE1015, AMAQUE1050, AMAQUE1100, AMAQUE1115, AMAQUE1200, AMAQUE1300, AMAQUE1400, AMAQUE1500, AMAQUE1600, AMAQUE1800, AMAQUE1801, AMAQUE1802, AMAQUE1803, AMAQUE1804, AMAQUE1805, AMAQUE1806, AMAQUE1807, AMAQUE1808, AMAQUE1809, AMAQUE1810, AMAQUE1811, AMAQUE1812, AMAQUE1813, AMAQUE1814, AMAQUE1815, AMAQUE1816, AMAQUE1817, AMAQUE1818, AMAQUE1819, AMAQUE1820, AMAQUE1821, AMAQUE1822, AMAQUE1823, AMAQUE1824, AMAQUE1825, AMAQUE1826, AMAQUE1827, AMAQUE1828, AMAQUE1829, AMAQUE1830, AMAQUE1831, AMAQUE1832, AMAQUE1833, AMAQUE1834, AMAQUE1835, AMAQUE1836, AMAQUE1843, AMAQUE2000, AMAQUE2001, AMAQUE2500, AMAQUE3000, AMAQUE4000, AMAQUE4500, AMAQUE5000, AMAQUE5200, AMAQUE5500, AMAQUE5501, AMAQUE5521, AMAQUE5700, AMAQUE5800, AMAQUE5900, AMAQUE6000, AMAQUE6100, AMAQUE6200, AMAQUE6300, AMAQUE6301, AMAQUE6302, AMAQUE6303, AMAQUE6304, AMAQUE6305, AMAQUE6306, AMAQUE6307, AMAQUE6400, AMAQUE6500, AMAQUE6600, AMAQUE6700, AMAQUE6800, AMAQUE6900, AMAQUE7000, AMAQUE7200, AMAQUE7300, AMAQUE7800, AMAQUE7900, AMAQUE7901, AMAQUE8000, AMAQUE8200, AMAQUE8201, AMAQUE8202, AMAQUE8205, AMAQUE8300, AMAQUE8301, AMAQUE8400, AMAQUE8500, AMAQUE8800, AMAQUE9000, AMAQUE9001, AMAQUI1000, AMAQUI1001, AMAQUI1004, AMAQUI1005, AMAQUI1006, AMAQUI4000, AMAQUI5000, AMAQUI5800, AMAQUI6000, AMAQUI6100, AMAQUI6400, AMAQUI7000, AMAQUI7001, AMAQUI7002, AMAQUI7070, AMAQUI7500, AMAQUI7501, AMAQUI8000

### Revision

3

### Revision Date

22/08/2024

### Key/Legend

< Less Than

> Greater Than

**AICS** Australian Inventory of Chemical Substances

**atm** Atmosphere

**CAS** Chemical Abstracts Service (Registry Number)

**cm<sup>2</sup>** Square Centimetres

**CO<sub>2</sub>** Carbon Dioxide

**COD** Chemical Oxygen Demand

**deg C (°C)** Degrees Celcius

**EPA (New Zealand)** Environmental Protection Authority of New Zealand

**deg F (°F)** Degrees Farenheit

**g** Grams

**g/cm<sup>3</sup>** Grams per Cubic Centimetre

**g/l** Grams per Litre

**HSNO** Hazardous Substance and New Organism

**IDLH** Immediately Dangerous to Life and Health

**immiscible** Liquids are insoluable in each other.

**inHg** Inch of Mercury

**inH<sub>2</sub>O** Inch of Water

**K** Kelvin

**kg** Kilogram

**kg/m<sup>3</sup>** Kilograms per Cubic Metre

**lb** Pound

**LC<sub>50</sub>** LC stands for lethal concentration. LC<sub>50</sub> is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.

**LD<sub>50</sub>** LD stands for Lethal Dose. LD<sub>50</sub> is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

**ltr or L** Litre

**m<sup>3</sup>** Cubic Metre

**mbar** Millibar

**mg** Milligram

**mg/24H** Milligrams per 24 Hours

**mg/kg** Milligrams per Kilogram

**mg/m<sup>3</sup>** Milligrams per Cubic Metre

**Misc or Miscible** Liquids form one homogeneous liquid phase regardless of the amount of either component present.

**mm** Millimetre

**mmH<sub>2</sub>O** Millimetres of Water

**mPa.s** Millipascals per Second

**N/A** Not Applicable

**NIOSH** National Institute for Occupational Safety and Health

**NOHSC** National Occupational Heath and Safety Commission

**OECD** Organisation for Economic Co-operation and Development

**Oz** Ounce

**PEL** Permissible Exposure Limit

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**Pa** Pascal

**ppb** Parts per Billion

**ppm** Parts per Million

**ppm/2h** Parts per Million per 2 Hours

**ppm/6h** Parts per Million per 6 Hours

**psi** Pounds per Square Inch

**R** Rankine

**RCP** Reciprocal Calculation Procedure

**STEL** Short Term Exposure Limit

**TLV** Threshold Limit Value

**tne** Tonne

**TWA** Time Weighted Average

**ug/24H** Micrograms per 24 Hours

**UN** United Nations

**wt** Weight