

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

### Kemsol XL AMMONIA

An all purpose cleaner using ammonia.

### CHEMICAL SOLUTIONS LTD

1 Freight Place  
Airport Oaks  
Auckland 2022  
New Zealand.

PO Box 107-105, Auckland Airport 2150, Auckland, New Zealand.

Phone: (64-9) 255-5609  
Fax: (64-9) 255-5610  
E-mail: [sales@kemsol.co.nz](mailto:sales@kemsol.co.nz)  
Website: [www.kemsol.co.nz](http://www.kemsol.co.nz)

EMERGENCY CONTACT: Phone (64-9) 255-5609 8 am to 5 pm Mon to Fri  
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## 2. HAZARD IDENTIFICATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.

- 6.1E May be harmful if swallowed or skin contact occurs.
- 6.3A Causes skin irritation.
- 6.4A Causes eye irritation.
- 9.1D May be harmful to aquatic life.

Cleaning Products Subsidiary Hazards Group Standard: HSR No: 00002530

## 3. COMPOSITION & INFORMATION ON INGREDIENTS:

Anionic and nonionic surfactants	10 – 20 %
Solvents	2 – 10 %
Builders	2 – 10 %
Ammonium hydroxide	< 2 %
Water	> 50 %

## 4. FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical advice.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

## 5. FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.  
Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion.  
Where possible remove drums and containers from the path of a fire, or cool with water spray.  
Firefighters may use water spray, jet, fog, foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.  
Minor spills (less than 100 litres) should be contained from drainage, diluted with water, neutralised where appropriate, and removed with mops, or absorbed with Mineral Sponge, rags, paper, sand, or soil. It may be possible to drain small spills to town wastewater services where permitted by local authorities.  
Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. Clean up with absorbant material such as Mineral Sponge, paper, rags, sand or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spilt product.

## 7. HANDLING AND STORAGE:

### Precautions for Safe Handling

Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye protection/face protection. Avoid release to the environment.

### Precautions for Safe Handling

Store containers in sites where they can be kept cool and dry and away from heat sources. Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type. After use, always replace lids and caps and return to safe storage as soon as possible.

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION:**

Exposure controls:	No data is available for the product.
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).
Respiratory protection:	Not required for the regular use of this product. If the liquid is being vaporised, a face shield and/or respirator may be required. These operations should be carried out by trained personnel only.
Ventilation:	Where spraying or vaporising is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance</b>	Opaque thick colourless liquid
<b>Odour</b>	Characteristic of ammonia
<b>pH</b>	11.0
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Specific Gravity</b>	1.05
<b>Refractive Index</b>	21 %Bx
<b>Viscosity</b>	1200 mPas at 20°C.
<b>Relative Foam</b>	Medium
<b>Solubility in water</b>	Completely in all proportions.

**10. STABILITY AND REACTIVITY:**

The product is considered stable under normal storage conditions.  
 Avoid contamination with oxidising substances.  
 Hazardous polymerisation will not occur.  
 Combustion of this product will release oxides of carbon and nitrogen.

**11. TOXICOLOGICAL INFORMATION:**

No data is available for the product.

**12. ECOLOGICAL INFORMATION:**

No data is available for the product.

**13. DISPOSAL CONSIDERATIONS:**

Minor spilled liquids (after neutralisation) may be disposed of through town wastewater systems where these are authorised for industrial use. Major spills, which have been collected by machine or on absorbants, should be disposed of by waste disposal experts in accordance with local regulations.  
 Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

**14. TRANSPORT INFORMATION:**

NZ Land Transport Rule: Dangerous Goods Rule 2005

Classified as not dangerous for Land Transport in New Zealand

**15. NZ REGULATORY INFORMATION:**

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
 This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.  
 Cleaning Products Subsidiary Hazards Group Standard: HSR No: 2530.  
 HSNO Act Controls Regulations 2001 for the product

Wear gloves and eye safety glasses handling this product	Use good well defined measures to make dilutions
Use buckets to dilute this product before use	Keep unused product in secure containers to prevent mistaken use
Label or mark containers used to hold this product	

**16. OTHER INFORMATION:**

Formulation reference and version number: R9 – 168      Version 2  
 This SDS was prepared from data available on 05 July 2018  
 This SDS was printed on 5 July 2018.  
 This SDS will be reviewed no later than 31 August 2021.

**END OF THIS SAFETY DATA SHEET**