

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

Kemsol GLASS CLEANER ULTRA CONCENTRATE K1

A concentrated cleaner for windows, mirrors, and all glass surfaces.
MPI Approved C35 (All animal product except dairy).

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
Website: 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.

3.1D Combustible liquid	6.4A Causes eye irritation
6.1E May be harmful if swallowed or skin contact occurs	9.3C Harmful to terrestrial vertebrates
6.3A Causes skin irritation	

Cleaning Products Combustible Group Standard: HSR No: 00002525.

3. COMPOSITION & INFORMATION ON INGREDIENTS:

Proprietary blend of solvents	50 – 70 %
Proprietary blend of nonionic surfactants	10 – 20 %
Colouring & preservative	< 2 %
Water	> 20 %

4. FIRST AID MEASURES:

Contact with eyes: Rinse eyes with running water holding back eyelids for 15 minutes. If irritation persists seek medical advice.
Contact with skin: Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs seek medical advice.
After inhalation: If the patient is subject to vapourisation, remove from exposure and seek medical advice.
After ingestion: Do Not Induce Vomiting. Administer 2 glasses of water or milk and if discomfort persists seek medical advice.
Advice to Doctor: Treat patient for acute exposure to materials with toxic effects. Have this SDS or a product label on hand.

5. FIRE FIGHTING MEASURES:

This product is combustible. It will not ignite a fire but will burn if exposed to a fire source. Avoid electrical ignition sources.
Containers subject to heat from a fire may explode scattering burning contents. Where possible remove containers from the path of the fire.
Otherwise cool with water spray to avoid heating.
Firefighters wear SCBA and chemical resistant suits.
Foam, CO₂, or chemical dry powder to extinguish a local fire. Water spray on large fires only.

6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Shut off all possible sources of electrical ignition.
Contain minor (less than 100 litres) from local drainage with any suitable bund or barrier. Where the product is water soluble, dilute with water, neutralise if necessary, and then clean up with mops or any suitable absorbant inert material such as Mineral Sponge, paper, rags, sand, or soil. Pack absorbed waste material into open-top drums, which can be closed, for waste disposal.
Large spills from drums and IBC's should be contained from drains and diluted with water where possible. Alert the local Fire Brigade.
Collect absorbed material in drums which can be closed and sent to landfill.
If material does enter drains, alert the local drainage authorities.

7. HANDLING AND STORAGE:

Store containers, with secure closures, in sites where they can be kept cool and away from heat and ignition sources.
Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on the container.
Always replace lids and caps after using the product. Return all packages to safe storage as soon as possible after use.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls:	No data is available for the product.
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves, work shoes, protective work clothes (an apron or overalls).
Respiratory protection:	Not required for the regular use of this product. If the liquid is being sprayed or vaporised, a face shield and/or respirator must be worn. 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 adequate ventilation is provided in the work space.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Clear blue coloured liquid
Odour	Not perfumed.
pH	7.5 ± 0.5
Flash Point	66° C
Ignition Point	Not determined
Specific Gravity	0.97 ± 0.01
Refractive Index	1.417 ± 0.005 48½ Bx
Viscosity	Not applicable
Relative Foam	Low
Solubility in water	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 will release mostly oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION:

The solvents used in this product have low toxicity with LD50 of 5.5 ml/kg.
Prolonged skin contact may result in irritation with local redness.
Eye contact will produce moderate irritation and discomfort.

12. ECOLOGICAL INFORMATION:

No data is available the product..
Surfactants and solvents used in Kemsol Glass Cleaner Ultra Concentrate K1 are classed Readily Biodegradable according to the European Union Detergents Regulations #648/2004.

13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations by recognised waste disposal experts. Incineration is the preferred method.
Spilled liquids must be absorbed by neutral materials and packed in containers which can be sealed for removal.
Large spills will require suctioning into suitable tanks, and if not recoverable, disposed of through recognised waste disposal experts.
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 This product is not a Dangerous Goods for Land Transport in NZ.

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 Combustible Group Standard: HSR No: 00002525.
HSNO Act Controls Regulations 2001 for the product:
Limit and monitor exposure during the use of the product Make use of suitable equipment for handling the product
Wear suitable protective clothing while being used Do not expose product to any form of ignition source
Limit exposure to the environment Dispose of waste or spilt material only through a recognised expert company

16. OTHER INFORMATION:

Formulation reference and version number: R9 – 152 Version 3
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