

SAFETY DATA SHEET 1. PRODUCT AND COMPANY IDENTIFICATION:

Kemsol RED RHINO

Heavy Duty Cleaner & Degreaser.
MPI Approved C31 (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:

Not Classified as a dangerous good according to NZS 5433:2012 -Transport of Dangerous Goods on Land.
This product is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Approved under: Cleaning Products Subsidiary Hazards Group Standard: HSR No: 0000002530
Signal Word: DANGER

HSNO Hazard Classification & Hazard Statements	
6.1E May be harmful if swallowed or skin contact occurs.	6.5B May cause an allergic skin reaction.
6.3A Causes skin irritation.	9.1D May be harmful to aquatic life.
6.4A Causes eye irritation.	9.3C Harmful to terrestrial vertebrates.
6.5A May cause allergy or asthma symptoms or breathing difficulties if inhaled	

Precautionary Statements:

Keep out of reach of children. Wash hands thoroughly after handling. Avoid breathing mist or spray. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

3. COMPOSITION & INFORMATION ON INGREDIENTS:

Benzalkonium Chloride (CAS# 8001-54-5)	1 %
Sodium Hydroxide (CAS# 1310-73-2)	1 %
Nonionic and amphoteric surfactants	2 – 10 %
Alkaline Builder	2 – 10 %
Di Propylene Glycol Methyl Ether (CAS#34590-94-8)	2 – 5 %
Solvent	2 – 5%
Colouring	< 2 %
Water	To 100 %

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 INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice. Wash contaminated clothing before re-use. Contaminated work clothing should not be allowed out of the workplace.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor if you feel unwell.
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, CO₂, 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:

Store containers in sites where they can be kept cool and dry and away from heat sources. Liquid products in drums and carboys must have secure closures which fit.

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 an easily seen location on the container.

After use, always replace lids and caps and return to safe storage as soon as possible.

There are no specific transport restraints for this material in secure containers.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls:	No data is available for product. Di Propylene Glycol Monomethyl Ether - WES-TWA 100ppm WES-STEL 150 ppm
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:

Appearance	Clear red coloured liquid
Odour	None
pH	13.0
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	1.07
Refractive Index	18 % Bx
Viscosity	Not applicable
Relative Foam	Low
Solubility in water	Complete in all proportions

10. STABILITY AND REACTIVITY:

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 product.

12. ECOLOGICAL INFORMATION:

No data is available for 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: HSR002530.

HSNO Act Controls Regulations 2001:

Wear gloves and eye safety glasses handling this product

Use buckets to dilute this product before use

Label or mark containers used to hold this product

Use good well defined measures to make dilutions

Keep unused product in secure containers to prevent mistaken use

16. OTHER INFORMATION:

Formulation reference and version number R11-94.

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