

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

Kemsol Green TWIRL LAUNDRY LIQUID

An environmentally sustainable laundry liquid.

CHEMICAL SOLUTIONS LTD

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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.
6.4A Causes eye irritation.

Cleaning Products Subsidiary Hazards Group Standard: HSR No: 00002530

3. COMPOSITION & INFORMATION ON INGREDIENTS compliant with EU Regulation No 907/2006:

Anionic surfactants	< 5 %
Nonionic surfactants	5 – 15 %
Phosphates	5 %
Sodium carbonate & sodium citrate	< 5%
Perfume	< 5 %
Preservative	15 ppm
Water	> 50 %

4. FIRST AID MEASURES:

Contact with eyes:	Rinse eyes with running water holding back eyelids for 5 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:	A non-volatile compound in normal use. But if subject to vapourisation remove the patient from exposure to a restful location and seek medical advice if symptoms persist. If clothing is contaminated, remove and wash before reuse.
After ingestion:	Do Not Induce Vomiting. Administer 2 glasses of water or milk and seek medical advice if discomfort persist.
Advice to Doctor:	Treat the patient for exposure to material with mild toxic effects. Have this SDS or a product label 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 IBC's) 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 Kemsol Green Twirl Laundry.
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	Colourless, slightly turbid liquid
Odour	Sweet floral musk with powdery tones
pH	11.0 ± 0.5
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	1.07 ± 0.01
Refractive Index	1.364 ± 0.005 20 Bx
Viscosity	> 500 mPas at 20° C
Relative Foam	High
Solubility in water	Completely in all proportions

10. STABILITY AND REACTIVITY:

Kemsol Green Twirl Laundry 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 Kemsol Green Twirl Laundry.

12. ECOLOGICAL INFORMATION:

No data is available for Kemsol Green Twirl Laundry.
 Surfactants and solvents used in Kemsol Green Twirl Laundry are classed Readily Biodegradable according to the European Union Detergents Regulations #907/2006.

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.
 Wash empty containers before recycling.

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 Twirl Laundry Liquid:
 Label or mark containers used to hold this product Keep unused product in secure containers to prevent mistaken use

16. OTHER INFORMATION:

Formulation reference and version number: R10 – 186 Version 1.
 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