

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

Kemsol SIL-TEX

A silicated laundry builder and break liquid.
MPI Approved C33 (all animal product except dairy)

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.

- 6.1D Harmful if swallowed or skin contact occurs.
- 8.2C Causes skin burn.
- 8.3A Causes serious eye damage
- 9.3C Harmful to terrestrial vertebrates.

Cleaning Products Corrosive Group Standard:

HSR No: 0000002526.

3. COMPOSITION & INFORMATION ON INGREDIENTS:

Sodium disilicate	200 - 500g/litre
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. Immediately call a POISON CENTER or doctor.
IF ON SKIN OR HAIR: Remove immediately all contaminated clothing. Rinse skin with water. Call a POISON CENTER or doctor if you feel unwell. Wash contaminated clothing before reuse.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
MEDICAL ASSISTANCE: IF exposed or concerned get medical advice/ attention. 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.
Containers subject to the heat of a prolonged fire may explode or erupt scattering contents. Where possible remove drums and containers from the path of a fire, or cool with water spray.
Firefighters must wear SCBA and chemical resistant suits.
Firefighters may use fog (preferred) or water spray (not jet), 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 (up to 20 litres) should be diluted with water, neutralised where possible and removed with mops, absorbed with Mineral Sponge, dry rags, paper, sand, or soil. It may be possible to drain small neutralised spills to wastewater where this is permitted.
Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. If possible dilute the spill without increasing the possibility of non-containment, and clean up with absorbant material such as Mineral Sponge, dry earth, sand, or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spill.

7. HANDLING AND STORAGE:

Precautions for Safe Handling

Keep out of reach of children. Read label before use. Wear protective gloves, protective clothing and eye protection/face protection. Do not breathe mist or spray. Wash hands thoroughly after handling. Avoid release to the environment.

Precautions for Safe Storage

Store drums and carboys with secure closures 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 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 ensure adequate ventilation is provided in the work space.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Clear colourless liquid
Odour	None
pH	13.0
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	1.50
Refractive Index	50 %Bx
Viscosity	Low to Medium
Relative Foam	Not applicable
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.
 This product is not combustible.

11. TOXICOLOGICAL INFORMATION:

No data is available for the product.

12. ECOLOGICAL INFORMATION:

No data is available for the product.

13. DISPOSAL CONSIDERATIONS:

Small quantities should be neutralised to a pH of 6.0 to 10.0 then flushed into the sewerage system. Dispose of larger quantities in accordance with local regulations, by recognised waste disposal experts. Wash empty plastic containers before recycling. Spilled liquids may be neutralised, diluted, and disposed of through town wastewater systems where these are authorised for industrial use. 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 a Dangerous Goods for Land Transport in New Zealand.
UN Number:	3253
Dangerous Goods Class:	8
Proper shipping name:	Disodium trioxysilicate
Hazchem Group:	2X
Packing Group:	III

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 Corrosive Group Standard: HSR No: 2526.
 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
 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: R5 1 – 185 Version 2.
 This SDS was prepared from data available on 7-8-2013.
 This SDS was printed on 5 July 2018.
 This SDS will be reviewed no later than 7-8-2018

END OF THIS SAFETY DATA SHEET

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