

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

**Kemsol GREASE MEISTER** Concentrated Powder 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](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.

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|---|--|
| 6.1D Harmful if swallowed or skin contact occurs. | 8.3A Causes serious eye damage                   |
| 8.1A May be corrosive to metals.                  | 9.1D (Slightly Harmful) Harmful to aquatic life. |
| 8.2B Causes severe skin burn.                     | 9.1C Harmful in the Aquatic Environment.         |

Cleaning Products Corrosive Group Standard:

HSR No: 00002526.

## 3. COMPOSITION & INFORMATION ON INGREDIENTS:

Sodium hydroxide (CAS# 1310-73-2)	100 - 200 g per kg
Sodium Metasilicate Pentahydrate (CAS#10213-79-3)	200 – 500 g per kg
Builders	20 - 50 %
Surfactants	2 - 10 %

## 4. FIRST AID MEASURES:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
MEDICAL ASSISTANCE: If discomfort persists call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice.  
Have label or Safety Data Sheet on hand.

## 5. FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.  
Packages subject to the heat of a fire may burn scattering contents in the vicinity. If water is used to fight the fire, dissolved powder will flow to the lowest levels. Where possible remove all packaging from the path of a fire while still dry.  
Firefighters must wear SCBA and chemical resistant suits.  
Firefighters should use foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity. Water jet, spray, or fog on large fires only.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface if moisture is around. Signage preventing foot traffic should be erected where appropriate.  
Spills should be carefully contained from spreading beyond the spill area and swept up with brooms and shovels or a mechanical vacuum cleaner if appropriate for corrosives, and the debris placed in open top-drums which can be closed and removed to landfill.

## 7. HANDLING AND STORAGE:

Precautions for Safe Handling:  
Keep out of reach of children. Read label before use. Keep only in original container. Do not breathe spray.  
Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.  
Wear protective gloves, protective clothing and eye /face protection.

Precautions for Safe Storage:  
Store in corrosive resistant with a resistant inner liner or in original container. Store locked up. Store drums and carboys with secure closures in sites where they can be kept cool and dry, and away from heat sources. 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. Sodium hydroxide WES TWA is 2 mg/cu m.  
 Eye protection: Safety glasses.  
 Protective clothing: Chemical impregnable gloves, work shoes, protective work clothes (an apron or overalls).  
 Respiratory protection: Should the operator be subject to dust in the routine handling of this product, a mouth and nose filter guard should be used. If subject to regular dust clouds a respirator should be used.  
 Ventilation: Where an operator is subject to dusty conditions, 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>	Granular white powder
<b>Odour</b>	None
<b>pH</b>	1% solution 12.8
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Specific Gravity</b>	Not applicable
<b>Refractive Index</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Relative Foam</b>	Low
<b>Solubility in water</b>	Completely.

**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.

**11. TOXICOLOGICAL INFORMATION:**

No data is available for the product Sodium hydroxide: LD50 rabbit 1350 mg/kg.

**12. ECOLOGICAL INFORMATION:**

No data is available for the product. Sodium hydroxide: LC50 Oncorhynchus mykiss (fresh water fish) 45.4 mg/l 96 hr.

**13. DISPOSAL CONSIDERATIONS:**

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill is the preferred method.  
 Spilled powders should be recovered by broom and shovel into open ended drums which can be closed prior to disposal.  
 Used bags should be 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:	1823
Dangerous Goods Class:	8
Proper shipping name:	Sodium hydroxide solid
Hazchem Group:	2W
Packing Group:	II

**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 Superbowl:  
 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: 2-10-01  
 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**