

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

Kemsol RED DOG

A hard water stain and deposit remover.

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.

6.3B Causes mild skin irritation.
6.4A Causes eye irritation.
9.1C Harmful to aquatic life with long lasting effects.

Cleaning Products Subsidiary Hazard Group Standard: HSR No: 0000002530.

3. COMPOSITION & INFORMATION ON INGREDIENTS:

Mineral abrasive	20 – 50 %
Descaling agent	20 – 50 %
Dispersing agent	2 – 10 %

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 dry, non-volatile solid compound. But if enveloped in a dust cloud remove the patient from exposure to a restfull 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 glasses of water or milk and seek medical advice if discomfort persist.
Advice to Doctor: Treat the patient for exposure to materials 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 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:

Store containers with secure closures in sites where they can be kept cool and dry and away from heat sources. Dry powder products in bags should remain sealed and unopened while in storage. Containers should have lids closed.
Handle to prevent damage to bags or 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 close bag openings tight, seal with adhesive tape, and return to safe storage.
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 Red Dog
 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. 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 a safety shower. Also ensure adequate ventilation is provided in the work space.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance White Powder
Odour None
pH about 2 for a 1% soln
Solubility in water Dissolves readily with evolution of Carbon Dioxide

10. STABILITY AND REACTIVITY:

Kemsol Red Dog 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 Kemsol Red Dog.

12. ECOLOGICAL INFORMATION:

No data is available for Kemsol Red Dog.

13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill or incineration is the preferred method.
 Small spills of a few kilograms may be dissolved in sluice water and washed to waste where this is authorised for industrial use.
 Large spills of 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 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 Hazard Group Standard: HSR No: 2530.
 HSNO Act Controls Regulations 2001 for Red Dog:
 Wear gloves and eye safety glasses handling this product Use good well defined measures to make dilutions
 Use buckets to dilute this product before use Keep unused product in secure containers to prevent mistaken use
 Label or mark containers used to hold this product

16. OTHER INFORMATION:

Formulation reference and version number: R10 – 95 Version 3.
 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