

SAFETY DATA SHEET

Item Code: N0738 & N0739

Section 1. Identification of the material and the supplier

Item Code: N0738 & N0739
 Product: Coil Disinfectant
 Product Use: Coil Disinfectant

New Zealand Supplier: Realcold Ltd
 Address: 9 Prescott Street
 Penrose, Auckland
 Telephone: 09 526 5700
 Fax Number: 09 526 5721

Emergency Telephone: 09 526 5700
0800 766 764 (National Poison Centre)

Manufacturer: The RectorSeal Corp, 2601 Spenwick Dr, Houston, USA

Date of MSDS Preparation: 14 March 2017- ver 2

Section 2. Hazards Identification

The manufacturer has stated that this substance is not hazardous according to USA or other internationally recognized standards.

On this basis the product is non-hazardous under the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Di-N-alkyl(C8-10)dimethylammonium chloride	0.05	684-95-3
Linear primary and/or secondary alcohol ethoxylates and/or nonyl phenol ethoxylate	0.04	Mixture
N-Alkyl(C12 - 16)dimethylbenzylammonium chloride	0.03	68424-85-1
Tetrasodium ethylenediamine tetraacetate	0.03	64-02-8
Sodium metasilicate	0.01	6834-92-0
Water	99.8	7732-18-5

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.

If on Skin	Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance
If Swallowed	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from decomposition products	CO, CO ₂ , and fragmented hydrocarbons
Suitable Extinguishing media	Use agents appropriate for surrounding fires
Precautions for firefighters and special protective clothing	Wear self-contained full face piece breathing apparatus and other protective clothing.
HAZCHEM CODE	Not applicable

Section 6. Accidental Release Measures

Use absorbent materials to prevent footing hazard and to contain. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

Section 7. Handling and Storage

Handling	Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.
Storage	Keep container closed and upright when not in use.

Section 8 Exposure Controls / Personal Protection

Engineering Controls Local exhaust acceptable

Personal Protection

Respiratory:	Not required
Gloves:	Wear rubber gloves
Eyes:	Safety glasses (ANSI Z-87.1 or equivalent)
Other:	Plastic apron and sleeves. Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 Physical and Chemical Properties

Appearance	Blue Liquid
Odour	Mild Odour
Flash Point	Not applicable
Boiling Point	100°C @ 760mm Hg
Specific Gravity	1.0
Solubility in Water	Soluble

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	None
Incompatible Materials	None known
Hazardous Decomposition Products	CO, CO ₂ , and fragmented hydrocarbons.

Section 11 Toxicological Information

Di-N-alkyl(C8-10)dimethylammonium chloride [Cas no 68424-95-3]
Oral-Rat LD50:240 mg/kg

Tetrasodium ethylenediamine tetraacetate [Cas No 64-02-8]
Oral -Rat LD50:1658 mg/kg

Sodium metasilicate [Cas Np 6834-92-0]
Oral -Rat LD50: 1280 mg/kg

Acute hazards

Based on the available animal toxicity information, it is anticipated that this material will cause mild or no skin or eye irritation upon direct or prolonged contact. No human overexposure data is available for this material.

Route of exposure, signs and symptoms

Inhalation	None known.
Eyes	May cause eye irritation.
Skin	May cause skin irritation.
Ingestion	May cause Nausea and vomiting.

Section 12. Ecotoxicological Information

Has no known effects on the environment

Section 13. Disposal Considerations

Dispose of residues and waste to sewer with copious quantities of water.

Section 14 Transport Information

The manufacturer has stated that this substance is not classified as a Dangerous Good for transport in NZ ; NZS 5433:2007

Section 15	Regulatory Information
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On this basis the product is non-hazardous under the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 16	Other Information
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1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Realcold Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Realcold Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

Issue Date: 13 January 2012

Review Date: 13 January 2017