

## SAFETY DATA SHEET

**Item Code: N0738 & N0739**

<b>Section 1.</b>	<b>Identification of the material and the supplier</b>
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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
<b>Emergency Telephone:</b>	<b>09 526 5700</b> <b>0800 766 764 (National Poison Centre)</b>
Manufacturer:	The RectorSeal Corp, 2601 Spenwick Dr, Houston, USA
Date of MSDS Preparation:	14 March 2017 – ver 2

<b>Section 2.</b>	<b>Hazards Identification</b>
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**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**

<b>Section 3.</b>	<b>Composition / Information on Ingredients</b>
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<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
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

<b>Section 4.</b>	<b>First Aid Measures</b>
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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.
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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

<b>Hazard Type</b>	Non-Flammable
<b>Hazards from decomposition products</b>	CO, CO <sub>2</sub> , and fragmented hydrocarbons
<b>Suitable Extinguishing media</b>	Use agents appropriate for surrounding fires
<b>Precautions for firefighters and special protective clothing</b>	Wear self-contained full face piece breathing apparatus and other protective clothing.
<b>HAZCHEM CODE</b>	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

<b>Handling</b>	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.
<b>Storage</b>	Keep container closed and upright when not in use.

### Section 8 Exposure Controls / Personal Protection

**Engineering Controls** Local exhaust acceptable

#### Personal Protection

<b>Respiratory:</b>	Not required
<b>Gloves:</b>	Wear rubber gloves
<b>Eyes:</b>	Safety glasses (ANSI Z-87.1 or equivalent)
<b>Other:</b>	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

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

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable
<b>Conditions to Avoid</b>	None
<b>Incompatible Materials</b>	None known
<b>Hazardous Decomposition Products</b>	CO, CO <sub>2</sub> , 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

<b>Inhalation</b>	None known.
<b>Eyes</b>	May cause eye irritation.
<b>Skin</b>	May cause skin irritation.
<b>Ingestion</b>	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

<b>Section 15</b>	<b>Regulatory Information</b>
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<b>Section 16</b>	<b>Other Information</b>
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1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

**Disclaimer**

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

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