

## SAFETY DATA SHEET

**Item Code: N0720**

Section 1.	Identification of the material and the supplier
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Item Code:	N0720
Product:	Clean-N-Safe Coil Cleaner
Product Use:	Coil Cleaner
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

Section 2.	Hazards Identification
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**The Manufacturer has stated this substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**Summary of Acute Hazards**

**Flammable:** HSNO Class 3.1D

**Health Effects**

Irritation to eyes, nose, and throat; drowsiness, narcosis, tremors, and other CNS effects at high concentrations. Skin irritation, dermatitis, and defatting.

**Routes of exposure, signs and symptoms**

<b>Inhalation:</b>	Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.
<b>Eyes:</b>	Watering, blurred vision, inflammation, and irritation which can result in corneal injury.
<b>Skin:</b>	Irritation, dermatitis
<b>Ingestion:</b>	Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.

Section 3.	Composition / Information on Ingredients
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Ingredients	Wt%	CAS NUMBER.
Octylphenoxypolyethoxyethanol	Not available	9036-19-5
Polylene Glycol Butyl Ether	Not available	57018-52-7
Sodium Metasilicate	Not available	6834-92-0

**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**

<b>Hazard Type</b>	Combustible Liquid
<b>Hazards from decomposition products</b>	Foam or water can cause frothing. Heat may build up pressure and rupture containers.
<b>Suitable Extinguishing media</b>	Foam, dry chemical, CO <sub>2</sub> , or water fog.
<b>Precautions for firefighters and special protective clothing</b>	Wear self-contained full face piece breathing apparatus and full body protective clothing. Evacuate area. Dike area as run-off may create additional environmental contamination.
<b>HAZCHEM CODE</b>	<b>3Y</b>

**Section 6. Accidental Release Measures**

Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

**Section 7. Handling and Storage**

<b>Handling</b>	Shake well before using. Keep away from heat, sparks and open flames. 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 away from heat, sparks and open flames.

**Section 8 Exposure Controls / Personal Protection**

**Engineering Controls** Local exhaust acceptable

## Personal Protection

<b>Respiratory:</b>	In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.
<b>Gloves:</b>	Wear rubber gloves
<b>Eyes:</b>	Safety glasses (ANSI Z-87.1 or equivalent)
<b>Clothing:</b>	Chemical resistant coveralls recommended.
<b>Other:</b>	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>	Clear Liquid
<b>Odour</b>	Mild
<b>Flash Point</b>	63°C
<b>Boiling Point</b>	100°C @ 760 mm Hg
<b>Vapour Density</b>	<1
<b>Evaporation Rate (Ethyl Acetate)</b>	>1
<b>Specific Gravity</b>	1.04
<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>	Oxidizers, acids and bases.
<b>Hazardous Decomposition Products</b>	CO, CO <sub>2</sub> , and fragmented hydrocarbons

## Section 11 Toxicological Information

### Oral:

Octylphenoxypolyethoxyethanol	Cas No [9036-19-5]	LD50 (rat) = 4190 mg/kg
Polylyene Glycol Butyl Ether	Cas No [57018-52-7]	LD50 (rat) = 3700 mg/kg
Sodium Metasilicate	Cas No [6834-92-0]	LD50 (rat) = 1280 mg/kg

### Summary of Chronic Hazards:

Skin irritation, contact dermatitis, and defatting.

### Medical Conditions Aggravated by Exposure:

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

## Section 12. Ecotoxicological Information

**Octylphenoxypolyethoxyethanol** Cas No [9036-19-5]

Selenastrum Green Algae = 96hrs = EC50 = 0.21mg/l

Product Name: Clean-N-Safe Coil Cleaner Item No: N0720  
Date of MSDS: 11 January 2012

Issued by: Realcold Ltd  
Tel: 64 9 526 5700

Daphnia Magna (water flea) = 48hrs = LD50 = 8.6 mg/l

### Section 13. Disposal Considerations

Non regulated liquid waste. Dispose of according to Local Regulations

### Section 14 Transport Information

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

### Section 15 Regulatory Information

**Insufficient information has been supplied by the Manufacturer to assess this product as a legal substance under the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

### Section 16 Other Information

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

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

Issue Date: 11 January 2012

Review Date: 11 January 2017