

SAFETY DATA SHEET

Item Code: N0726

Section 1.	Identification of the material and the supplier
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Item Code:	N0726
Product:	Safe N Clean 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
Emergency Telephone:	09 526 5700 0800 766 764 (National Poison Centre)
Manufacturer:	Greenleaf Solutions Ltd PO Box 64-125 Botany Auckland
Date of MSDS Preparation:	14 March 2017 – version 2

Section 2.	Hazards Identification
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This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Combustible liquid HSNO Class 3.1D
EPA Approval : HSR002525 Cleaning Product (combustible) Group Standard

Summary of Acute Hazards

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

Route of Exposure, Signs and Symptoms

Inhalation:

Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.

Eye Contact:

Watering, blurred vision, inflammation, and irritation which can result in corneal injury.

Skin Contact:

Irritation, dermatitis.

Ingestion:

Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.

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 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
lauryl dimethyl amine oxide	Not known	961788-90-7
Polylene Glycol Butyl Ether	Not known	57018-52-7
Sodium Metasilicate	Not known	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. Get medical assistance if needed.
- 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 If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

Section 5. Fire Fighting Measures

Hazard Type	Combustible
Hazards from decomposition products	Foam or water can cause frothing. Heat may build up pressure and rupture containers
Suitable Extinguishing media	Foam, dry chemical, CO ₂ , or water fog
Precautions for firefighters and special protective clothing	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.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Steps to be taken in case material is released or spilled:

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

Handling & Storage:

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.

Section 8 Exposure Controls / Personal Protection

Engineering Controls : Ventilation – Local exhaust acceptable

Personal Protection

Respiratory protection (specify type):

In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.

Protective Gloves: Wear rubber gloves.

Eye protection: Safety glasses (ANSI Z-87.1 or equivalent)

Other protective clothing or equipment:

Chemical resistant coveralls

Work/hygienic practices:

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	Clear Green Liquid
Odour	Mild
Flash Point	63°C
Boiling Point	100°C
Vapor Density (Air=1)	<1
Evaporation Rate (Ethyl Acetate =1)	>1
Specific Gravity	1.04
Solubility in Water	Soluble

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	None
Incompatible Materials	Oxidisers, acids and bases
Hazardous Decomposition Products	CO and fragmented Hydrocarbons

Section 11 Toxicological Information

lauryl dimethyl amine oxide

Oral-Rat LD50:4.3 mg/kg
Inhalation-Rat LC50:N/D

Polylene Glycol Butyl Ether

Oral-Rat LD50:N/D
Inhalation-Rat LC50:N/D

Sodium Metasilicate

Oral-Rat LD50:1153 mg/kg
Inhalation-Rat LC50:N/D

Section 12. Ecotoxicological Information

no ecotoxicological information on this product.

Section 13. Disposal Considerations

Triple rinse containers and dispose of according to local regulations.

Section 14 Transport Information

This product is not classified as a Dangerous Good for road and rail transport in NZ ;
NZS 5433:2007

Section 15 Regulatory Information

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

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	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable

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: 1 June 2012

Review Date: 1 June 2017

Product Name: Safe N Clean Coil Cleaner
Date of MSDS: 1 June 2012

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Issued by: Realcold Ltd
Tel: 64 9 526 5700

