

SAFETY DATA SHEET

Item Code: N0727/28/29

Section 1.	Identification of the material and the supplier
------------	---

Item Code: N0727 : N0728 : N0729
 Product: Coil Cleaner
 Product Use: Cleaning refrigerant coils

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: GreenearthSolutions Ltd
 PO Box 64-125
 Botany
 Auckland

Date of MSDS Preparation: 14 March 2017 – version 2

Section 2.	Hazards Identification
------------	------------------------

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

EPA Approval No: HSR002530 Cleaning Product (subsidiary)



Irritant

HSNO Class.	Hazard Code	Hazard Statement	EU Risk Phrases
6.3A	H315	Causes skin irritation.	R38
6.4A	H319	Causes serious eye irritation.	R36

Prevention Code	Prevention Statement
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection

Response Code	Response Statement
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P362	Take off contaminated clothing and wash before re-use.

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code Storage Statement

None Allocated	
----------------	--

Disposal Code Disposal Statement

P501	Triple rinse and dispose of according to Local Regulations
------	--

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Alkyl polyglycoside	10-15	68515-73-1
Propylene Glycol	5-10	5131-66-8
Sodium Metasilicate	1-2	6834-92-0
Trilon M Powder	1-2	164462-16-2
Oil of Eucalyptus	>1	8000-48-47

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	Irritant
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. Hazardous decomposition products possible (see Section 10). 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	Eucalyptus
Flash Point	N/A
Boiling Point	100°C
pH	11
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**Ethyle Glycol Butyl Ether**Oral-Rat LD50:N/D
Inhalation-Rat LC50:N/D**Sodium Metasilicate**I Oral-Rat LD50:1153 mg/kg
inhalation-Rat LC50:N/D**Section 12. Ecotoxicological Information**

This product is not known to be an environmental hazard

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 transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information**This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001**

HSNO Approval No.: HSR002530Cleaning Product (subsidiary)

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage	Not required
Emergency Response Plan	Not required

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

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: 26 November 2012

Review Date: 26 November 2017

Product Name: Coil Cleaner Item No: N0727/28/29
Date of MSDS: 26 November 2012

Issued by: Realcold Ltd
Tel: 64 9 526 5700