

## SAFETY DATA SHEET

**Item Code: N0748 & N0749 & W99S16**

<b>Section 1.</b>	<b>Identification of the material and the supplier</b>
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Item Code:	N0748 : N0749 : W99S16
Product:	Filter Cleaner Degreaser
Product Use:	Filter 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:	Greenleaf Solutions Ltd, PO Box 64-125, Botany
Date of MSDS Preparation:	14 March 2017 – ver 2

<b>Section 2.</b>	<b>Hazards Identification</b>
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**This substance has been determined by the manufacturer to be hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**Group Standard & EPA Approval Code: Cleaning Products (Subsidiary) – HSR002530**

**Pictograms**



Toxic

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

Response Code	Response Statement
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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 +	IF IN EYES: Rinse cautiously with water for several minutes.

P351+P338	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	
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**Disposal Code                      Disposal Statement**

P501	Triple rinse and dispose of according to Local Regulations
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**Section 3.                      Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Alkyl amine oxide	5-8	308062-30-8
Polylene Glycol	5-10	57-55-6
Sodium Metasilicate	1-2	10213-79-3
Trilon Powder	1-2	164462-16-2
Non hazardous substances	To balance	

**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. Remove contact lenses, if present and easy to do. Continue rinsing. 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>	Not combustible
<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, CO2, 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. Hazardous decomposition products possible Evacuate area. Dike area as run-off may create additional environmental contamination.

<b>HAZCHEM CODE</b>	None allocated
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### 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

**Handling** Shake well before using. Read label before use. Wash hands after handling.

**Storage** 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** Local exhaust acceptable

#### Personal Protection

**Respiratory:** 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)

**Protective Clothing:** Chemical resistant coveralls

**Other:** 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 Blue Liquid
<b>Boiling Point</b>	>100°C @ 760mm Hg
<b>Vapour Density (Air = 1)</b>	<1
<b>Evaporation Rate (ethyl acetate = 1)</b>	>1
<b>Specific Gravity</b>	1.04
<b>Solubility in Water</b>	Soluble
<b>pH</b>	11.0

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable
<b>Conditions to Avoid</b>	Oxidizers, acids and bases.
<b>Hazardous Decomposition Products</b>	CO, CO <sub>2</sub> , and fragmented hydrocarbons.

### Section 11 Toxicological Information

Sodium Metasilicate [Cas No: 6834-92-0] =

Oral-Rat LD50:1153 mg/kg

**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.

- 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 12. Ecotoxicological Information**

Not harmful to the environment

**Section 13. Disposal Considerations**

Dispose of all liquid waste in accordance with all local regulations.

**Section 14 Transport Information**

Not classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

**Section 15 Regulatory Information**

Group Standard & EPA Approval Code: Cleaning Products (Subsidiary) – HSR002530

HSNO Classification: 6.3A, 6.4A

HSNO Controls:

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	N/A
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan trigger Quantities	Not required

**Section 16 Other Information**

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

**Disclaimer**

Product Name: Filter Cleaner Degreaser Item No: N0748/9 & W99S16 Issued by: Realcold Ltd  
Date of MSDS: 26 November 2012 Tel: 09 526 5700

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

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