

## SAFETY DATA SHEET

**Item Code: N0808**

<b>Section 1.</b>	<b>Identification of the material and the supplier</b>
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Item Code:	N0808
Product:	Acid Away for POE
Product Use:	Compressor Burnout Acid Neutralizer
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 hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**Acute hazards**

Repeated inhalation may cause dizziness and nausea. Ingestion may cause cramps and diarrhea.

**Routes of exposure, signs and symptoms**

<b>Inhalation:</b>	Upper respiratory tract irritation and dizziness.
<b>Eye contact:</b>	Irritation, watering may occur.
<b>Skin contact:</b>	Frequent or prolonged contact may irritate and cause dermatitis.
<b>Ingestion:</b>	May cause nausea, vomiting and gastro-intestinal irritation.

**Chronic hazards:**

Prolonged skin contact may result in irritation and dermatitis.  
Prolonged eye contact may result in irritation or chemical burns.

**Medical conditions aggravated by exposure**

Individuals with pre-existing or chronic diseases of the eyes, skin or persons with chemical sensitivity may have increased susceptibility to excessive exposures.

<b>Section 3.</b>	<b>Composition / Information on Ingredients</b>
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Ingredients	Wt%	CAS NUMBER.
Refrigeration Oil	Not listed	Not listed

#### **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 if irritation persists.
If on Skin	Remove contaminated clothing and wash skin with warm soapy water. If 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
<b>Hazards from decomposition products</b>	CO, CO <sub>2</sub> and fragmented hydrocarbons. Heat may build up pressure and rupture closed containers.
<b>Suitable Extinguishing media</b>	Foam, dry chemical, carbon dioxide or water fog.
<b>Precautions for firefighters and special protective clothing</b>	Wear self-contained breathing apparatus (SCBA) and other protective clothing.
<b>HAZCHEM CODE</b>	<b>Not available</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>	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. KEEP OUT OF REACH OF CHILDREN.
<b>Storage</b>	Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames.

#### **Section 8 Exposure Controls / Personal Protection**

##### **WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Product Name: Acid Away for POE  
Date of MSDS: 18 January 2012

Item No:N0808

Issued by: Realcold Ltd  
Tel: 64 9 526 5700

Substance	CAS #	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3
Refrigeration Oil			5		5

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

**Engineering Controls** Local exhausts acceptable

**Personal Protection**

**Respiratory:** In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirator.

**Gloves:** Wear rubber or neoprene gloves.

**Eyes:** Chemical splash Safety glasses (ANSI Z-87.1 or equivalent)

**Other:** Chemical resistant coveralls recommended.  
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>	Pale Yellow Oil
<b>Odour</b>	Petroleum
<b>Flash Point</b>	64°C
<b>Boiling Point</b>	160°C @ 760 mm Hg
<b>Vapor Pressure (mm hg):</b>	<5 @ 20°C
<b>Vapor density (air = 1):</b>	>5
<b>Specific Gravity</b>	0.9
<b>Evaporation rate (ethyl acetate = 1):</b>	<1
<b>Solubility in Water</b>	Insoluble

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	Stable
<b>Conditions to Avoid</b>	Heat, sparks, open flames, and strong oxidizing conditions.
<b>Incompatible Materials</b>	Gaseous oxygen and strong oxidizing materials.
<b>Hazardous Decomposition Products</b>	CO, CO2 and fragmented hydrocarbons.

**Section 11 Toxicological Information**

**Chronic health hazards**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen

<b>Refrigeration Oil:</b>	Oral-Rat	LD50: N/D
	Inhalation-Rat	LC50: N/D

## Section 12. Ecotoxicological Information

No ecological data available

## Section 13. Disposal Considerations

Non-regulated waste oil.

Disposal Method: Used oil recycler

Waste from this product is not considered hazardous as defined under the USA Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Local regulation regarding pollution.

## Section 14 Transport Information

The manufacturer has stated that his product 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 hazardous substance or not 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.

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Review Date: 18 January 2017