



Material Safety Data Sheet  
According to CE 1907/2006/CE Regulation, attachment I

Substance: Acid-Away-POE

Stand: 31.03.2015 Rev.-Nr. 02

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

Trade name: Acid-Away for POE / Oil neutralizer POE / 4669938

Product Codes: 45009, 45110

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Compressor Burnout Acid Neutralizer

**1.3 Details of the supplier of the safety data sheet**

**REFCO Manufacturing Ltd.** Industriestrasse 11 | 6285 Hitzkirch Switzerland

Tel.: +41 41 919 72 82 | Fax: +41 41 919 72 83

Mail: [info@refco.ch](mailto:info@refco.ch)

**1.4 Emergency telephone number**

Schweizerisches Toxikologisches Informationszentrum Zurich

Telephone number in urgent matters: 145 or +41 44 251 51 51

Not urgent matters: +41 44 251 66 66

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**Classification EC 67/548 or EC 1999/45**

EMERGENCY OVERVIEW

OSHA Hazards: Combustible  
TARGET ORGANS: Not Classified

GHS CLASSIFICATION

PHYSICAL HAZARDS Combustible Liquid (Category 4)

HEALTH HAZARDS

Acute Toxicity  
Oral: Not Classified  
Dermal: Not Classified  
Inhalation: Not Classified  
Skin Corrosion/Irritation: Not Classified  
Serious Eye Damage/Eye Irritation: Not Classified  
Skin Sensitization: Not Classified  
Respiratory Sensitization: Not Classified  
Germ Cell Mutagenicity: Not Classified  
Carcinogenicity: See Section 11  
Reproductive Toxicology: Not Classified  
Target Organ Systemic Toxicity - Single Exposure: Not Classified  
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified  
Aspiration Toxicity: Not Classified

**2.2 Label elements**



GHS 07

Signal word (CLP): **Warning**



**Material Safety Data Sheet**  
According to CE 1907/2006/CE Regulation, attachment I

Substance: Acid-Away-POE

Stand: 31.03.2015 Rev.-Nr. 02

**2. HAZARDS IDENTIFICATION (continue)**

**2.2 Label elements (continue)**

Hazard statements (CLP):

H227 - Combustible liquid

H303 - May be harmful if swallowed

H313 - May be harmful in contact with skin.

H320 - Causes eye irritation

H333 - May be harmful if inhaled.

H335 + H336 - May cause respiratory irritation, and drowsiness or dizziness.

Precautionary Statements:

P102 - Keep out of reach of children.

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P240 - Ground/Bond container and receiving equipment

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P262 - Do not get in eyes, on skin, or on clothing.

P264 - Wash hands thoroughly after handling.

p271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P304 - IF INHALED: Remove to fresh air.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P307 - IF exposed: get immediate medical attention after first aid is given. .

Remove contact lenses, if present and easy to do. Continue rinsing.

P362 - Take off contaminated clothing and wash before reuse.

P370 + P378 - In case of fire: Use water fog, CO<sub>2</sub>, foam or dry chemicals to extinguish.

P381 - Eliminate all ignition sources if safe to do so.

P390 - Absorb spillage to prevent material damage.

P401 - Store in a cool, well ventilated area. Keep container upright and tightly closed.

Do not reuse empty container.

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements - EU No. 1272/2008

**2.3 Other hazards**

SUMMARY OF ACUTE HAZARDS:

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

**ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS**

INHALATION:

Upper respiratory tract irritation and dizziness.

EYE CONTACT:

Irritation, watering may occur.

SKIN CONTACT:

Frequent or prolonged contact may irritate and cause dermatitis.

INGESTION:

May cause nausea, vomiting and gastro-intestinal irritation.

SUMMARY OF 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.



Material Safety Data Sheet  
According to CE 1907/2006/CE Regulation, attachment I

Substance: Acid-Away-POE

Stand: 31.03.2015 Rev.-Nr. 02

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>			
<b>3.1 Substances</b> Not applicable			
<b>3.2 Mixture</b>			
<b>Substance name</b>	<b>Value(s)</b>	<b>CAS nr.</b>	<b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b>
Polyol Ester Oil	>98%	(CAS No) 131459-39-7	Flam. Liq. 4 / H227
<b>4. FIRST AID MEASURES</b>			
<b>4.1 Description of first aid measures</b>			
<u>Inhalation</u>  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.			
<u>Skin contact</u>  Wash with soap and water. Remove contaminated clothing. If irritation occurs, seek medical attention.			
<u>Eye contact</u>  Flush with large amounts of water for at least 15 minutes. Get medical attention if irritation persists.			
<u>Ingestion</u>  If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.			
<b>4.2 Most important symptoms and effects, both acute and delayed</b> No data available			
<b>4.3 Indication of any immediate medical attention and special treatment needed</b> No data available			
<b>5. FIREFIGHTING MEASURES</b>			
<b>5.1 Extinguishing media</b> Foam, dry chemical, carbon dioxide or water fog.			
<b>5.2 Special hazards arising from the substance or mixture</b> Combustible - moderate flash point. Heat may build up pressure and rupture closed containers.			
<b>5.3 Advice for fire-fighters</b> Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).			

**Material Safety Data Sheet**  
According to CE 1907/2006/CE Regulation, attachment I

Substance: Acid-Away-POE

Stand: 31.03.2015 Rev.-Nr. 02

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Ventilate area with natural or explosion-proof, forced air ventilation.

**6.2 Environmental precautions**

Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during clean-up.

**6.3 Methods and material for containment and cleaning up**

Use absorbent materials to prevent footing hazard and to contain.

**6.4 Reference to other sections**

see chapter: 7, 8, 11, 12 and 13

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Keep container closed and pright when not in use. Do not store near heat, sparks, or open flames.

**7.2 Conditions for safe storage, including any incompatibilities**

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.

**7.3 Specific end use(s)**

No data available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Ingredients with limit values at the workplace:**

Polyol Ester Oil  
ACGIH TLV 5 mg/m<sup>3</sup>  
OSHA PEL 5 mg/m<sup>3</sup>

**8.2 Exposure controls**

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air purifying or supplied air respirators.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion-proof equipment

MECHANICAL (GENERAL): Preferable

Hand protection:



Protective gloves, rubber or neoprene

Eye protection:



Chemical splash goggles (ANSI Z-87.1 or equivalent)

Skin and body protection:



Coveralls recommended

Other information:

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.



Material Safety Data Sheet  
According to CE 1907/2006/CE Regulation, attachment I

Substance: Acid-Away-POE

Stand: 31.03.2015 Rev.-Nr. 02

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Pale Yellow Oil
Colour	Yellow
Odour	Petroleum Odour
Odour threshold	-
pH	-
Melting point /freezing point	-
Initial boiling point and boiling range	320 F (160 C) @ 760 mm Hg
Flash point	>148 F (64 C) SETA CC
Evaporation rate (ETHYL ACETATE)	<1
Flammability (solid, gas)	-
Upper/lower flammability or explosive limits	-
Vapour pressure	<5 @ 68 F (20 C)
Vapour density at 20°C	>5
Density	-
Solubility in water	Insoluble
Partition coefficient: n-octanol/water (log POW)	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-
VOC content	<10 g/L per SCAQMD Test Method 316A

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Not known to be reactive.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Not known to cause hazardous reactions.

### 10.4 Conditions to avoid

Heat, sparks, open flames, and strong oxidizing conditions.

### 10.5 Incompatible materials

Gaseous oxygen and strong oxidizing materials.

### 10.6 Hazardous decomposition products

CO, CO<sub>2</sub> and fragmented hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

CHRONIC HEALTH HAZARDS: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.  
TOXICOLOGY DATA: Ingredient Name  
Polyol Ester Oil: Oral-Rat LD50: N/D  
Inhalation-Rat LC50: N/D



**Material Safety Data Sheet**  
According to CE 1907/2006/CE Regulation, attachment I

Substance: Acid-Away-POE

Stand: 31.03.2015 Rev.-Nr. 02

<b>12. ECOLOGICAL INFORMATION</b>
<b>12.1 Toxicity</b> ECOLOGICAL DATA Ingredient Name
<b>12.2 Persistence and degradability</b> No additional information available
<b>12.3 Bio accumulative potential</b> No additional information available
<b>12.4 Mobility in soil</b> No additional information available
<b>12.5 Results of PBT and vPvB assessment</b> No additional information available
<b>12.6 Other adverse effects</b> Avoid release to the environment
<b>13. DISPOSAL CONSIDERATIONS</b>
<b>13.1 Waste treatment methods</b> Waste Classification: Non-regulated waste oil Disposal Method: Used oil recycler  Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.
<b>14. TRANSPORT INFORMATION</b>
<b>14.2 UN proper shipping name:</b> Proper Shipping Name (ADR): Non-Regulated Proper Shipping Name (IMDG): Non-Regulated Proper Shipping Name (IATA): Non-Regulated Proper Shipping Name (ADN): Non-Regulated Proper Shipping Name (RID): Non-Regulated
<b>15. REGULATORY INFORMATIONS</b>
<b>15.1 Safety, health and environmental regulations/legislation specific for the mixture</b> REGULATORY DATA Ingredient Name  Polyol Ester Oil SARA 313 No TSCA Inventory Yes CERCLA RQ N/A RCRA Code N/A
<b>15.2 Chemical safety assessment</b> No data available.
<b>16. OTHER INFORMATION</b>
This document is prepared pursuant to according to regulation (EC) No. 1907/2006. The information herein is given in good faith, but no warranty, expressed or implied is made. Consult Rector Seal for further information: (713) 263-8001

**End of the document**