



# Safety Data Sheet

Coolant 46

SDS Revision Date: 06/13/19

## Section 1: Chemical Product and Company Identification

### 1.1 Product Identifier

#### Product Identity

Alternate References

3003100220  
Polyether Polyol Lubricant

### 1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

#### Intended Use

Compressor Fluid

### 1.3 Details of Supplier of the Safety Data Sheet

#### Company Name

Edmac Compressor Parts  
2101 Westinghouse Blvd, Suite D  
Charlotte, NC, 28273

**Customer Service: Edmac Compressor Parts**  
**Emergency:**

(800) 866-2959  
(704) 504-4066 (US)

## Section 2: Hazards Identification

### 2.1 GHS Product Classification

None

### 2.2 Emergency Overview

This product has been evaluated and does not have any hazard warning on the label under OSHA criteria.

### 2.3 Risk Phrases

None

### 2.4 Safety Phrases

S3/9/14, S14, S15, S16, S26, S27/28, S36/37/39, S38, S40, S43, S62, S63

### 2.5 HMIS Code

(Health:1) (Flammability:1) (Reactivity:0) (Protection:B)

### 2.6 NFPA Code

(Health:1) (Flammability:1) (Reactivity:0)

### 2.7 WHMIS Code

None

## Section 3: Composition/Ingredient Information

### 3.1 General Information

<u>Component</u>	<u>CAS#</u>	<u>EC#</u>	<u>Range % by wt.</u>
Polyoxyalkylene glycol	Proprietary	Proprietary	70% - 90%
Synthetic ester	Proprietary	Proprietary	10% - 30%



## Section 4: First Aid Measures

### 4.1 Description of First Aid Measures

**Special Treatment:** None Identified.

**Inhalation:** In case of accident by inhalation: remove casualty to fresh air and keep at rest.

**Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical Advice

**Skin:** After contact with skin, take off immediately all contaminated clothing, wash immediately with plenty of soap and water.

**Ingestion:** If swallowed, do not induce vomiting; seek medical advice immediately.

### 4.2 Most Important Symptoms and Effects (Acute and Delayed)

Prolonged contact may cause slight skin irritation with localized redness.

## Section 5: Fire Fighting Measures

### 5.1 Suitable Extinguishing Media

In case of fire use dry chemical, carbon dioxide, foam, steam, or water fog.

### 5.2 Unsuitable Extinguishing Media

Never use water.

### 5.3 Special Hazards Arising from the Substance/Mixture

Keep away from extreme heat and open flames.

### 5.4 Hazardous Combustion Products

Incomplete combustion results in oxides of carbon.

### 5.5 Fire Fighting Equipment

In case of fire use an approved self-contained breathing apparatus

## Section 6: Accidental Release Measures

### 6.1 Personal Precautions

Wear suitable protective clothing and gloves.

### 6.2 Environmental Precautions

Use appropriate containment to avoid environmental contamination. Do not empty into drains; dispose of this material and its container in a safe way.

### 6.3 Methods and Materials for Cleanup

To clean the floor and all objects contaminated by this material use an inert absorbent material.

## Section 7: Handling and Storage

### 7.1 Precautions for Safe Handling

No special requirements if handled with reasonable care.

### 7.2 Conditions for Safe Storage

Keep in a cool, well-ventilated place away from open flames. Store inside away from extreme temperatures.

### 7.3 Specific End Use(s)

None



## Section 8: Exposure Controls/Personal Protection

### 8.1 Exposure limits

None

### 8.2 Engineering Controls

In case of insufficient ventilation wear suitable respiratory equipment.

### 8.3 Protective Equipment

Wear suitable protective clothing, gloves and eye/face protection.

## Section 9: Chemical and Physical Properties

<b>Appearance:</b>	Clear-green Liquid
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	Not Determined
<b>pH:</b>	6.5 – 7.5, Method: ASTM D664 initial (16% dilution)
<b>Melting Point/Freezing Point:</b>	Pour Point < -40°C
<b>Initial Boiling Point:</b>	> 200°C (> 392°F)
<b>Flash Point:</b>	263°C ( 505°F), Method: ASTM D92
<b>Evaporation Point:</b>	Not Determined
<b>Flammability:</b>	Not Flammable
<b>Upper/Lower Explosive Limits:</b>	Not Determined
<b>Vapor Pressure @ 100°C:</b>	0.0008 mmHg, Method: ASTM D5482
<b>Vapor Density:</b>	Not Determined
<b>Specific Gravity:</b>	0.9806 @ 25°C, Method: ASTM D1475
<b>Solubility in Water:</b>	0.7% @ 60°C
<b>Partition Coefficient:</b>	Not Determined, Method: ASTM E1147
<b>Autoignition Temperature:</b>	398°C ( 748°F), Method: ASTM E659
<b>Decomposition Temperature:</b>	Not Determined, Method: ASTM E2550
<b>Viscosity:</b>	46.5 cSt @ 40°C, Method: ASTM D445

## Section 10: Stability and Reactivity

### 10.1 Hazardous Decomposition Products

None.

### 10.2 Chemical Stability

Stable.

### 10.3 Possibility of Hazardous Reactions

None.

### 10.4 Conditions to Avoid

Keep away from extreme heat.

### 10.5 Incompatible Materials

Keep away from chlorine, fluorine, and other strong oxidizers

## Section 11: Toxicological Information

### 11.1 Acute Exposure

**Dermal:** LD50, rabbit >2000 mg/kg based on ingredients. No data available to indicate product or components may be a dermal toxicity or sensitization hazard.

**Inhalation:** No data available to indicate product or components may be an inhalation toxicity or sensitization hazard.



**Ingestion:** LD50, rat >2000 mg/kg based on ingredients. No data available to indicate product or components may be an oral toxicity.

#### 11.2 Chronic Exposure

**Eye:** Prolonged or repeated contact may cause eye irritation

**Dermal:** Prolonged or repeated contact may cause skin irritation.

**Carcinogenicity:** No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Reproductive:** No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

**Teratogenicity:** No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

## Section 12: Ecological Information

### 12.1 Environmental Toxicity

Not Determined

### 12.2 Environmental Fate

**Persistence and Degradability:** Not determined.

**Bioaccumulative Potential:** Not determined.

**Mobility in Soil:** Not determined.

**Other Adverse Effects:** None identified.

## Section 13: Disposal Information

### 13.1 Waste Disposal of Substance

Do not empty into drains; dispose of this material and its container as non-hazardous waste.

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. This material, if discarded, should be considered a European non-hazardous waste in accordance with Directive 91/689/EC.

European Waste Catalog Code (EWC-code): 13 01 12

## Section 14: Transportation Information

**UN Number:** Not regulated.

**UN Proper Shipping Name:** Not regulated.

**Transport Hazard Class:** Not regulated.

**Package Group:** Not regulated.

**Marine Pollutant:** No

**Special Precautions:** None

## Section 15: Regulatory Information

### 15.1 Global International Chemical Inventories

**USA:** All components of this material are on the US TSCA Inventory or are exempt.

**EEC:** All components are in compliance with the EC 7th Amendment Directive 92/32/EEC.

**Canada:** All components of this material are DSL listed or are exempt.

### 15.2 Other U.S. Federal Regulations



**EPA 550-B-01-003:** This product does not contain greater than 1.0% of any chemical substances (0.1% for carcinogens) listed on the Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To Know Act (EPCRA) and Clean Air Act Section 112(r): EPCRA Section 302 Extremely Hazardous Substances, CERCLA Hazardous Substances, EPCRA Section 313 Toxic Chemicals, CAA 112(r) Regulated Chemicals For Accidental Release Prevention.

**SARA 311 Classifications:**

**Fire Hazard:** No

**Sudden Release of Pressure Hazard:** No

**Reactive Hazard:** No

**Immediate (Acute) Hazard:** No

**Delayed (Chronic) Hazard:** No

**15.3 State Regulations**

**Cal. Prop. 65:** This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, Edmac does not routinely analyze its products for impurities which may be such chemicals.

**15.4 Other / International**

Harmonized Tariff Schedule Number 3403.99.0000

**Section 16: Other Information**

**16.1 Label text**

**Handling:** No special requirements if handled with reasonable care.

First Aid:

**Eye:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin:** After contact with skin, take off immediately all contaminated clothing, wash immediately with plenty of soap and water.

**Inhalation:** In case of accident by inhalation: remove casualty to fresh air and keep at rest.

**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately.

**Fire:** In case of fire use dry chemical, carbon dioxide, foam, steam, or water fog.

**Spill or Leak:** To clean the floor and all objects contaminated by this material use an inert absorbent material.

**Prepared By:** Edmac

**Date Revised:** 06/13/19

**Supersedes:**

**Date Prepared:** 02/18/15

The information provided herein is believed to be accurate to the best of the company's knowledge as of the date of its issue. We do not warrant or guarantee the information provided and will not be held liable for any loss or damage from its use.