



Safety Data Sheet

PAO 46

SDS Revision Date: 06/19/19

Section 1: Chemical Product and Company Identification

1.1 Product Identifier

Product Identity

3003102320

Alternate References

Synthetic Lubricant, Rotary Compressor Fluid

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

Intended Use

Industrial rotary compressor Lubricant

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

(800) 866-2959

Emergency: Chemtrec (USA)

(704) 504-4066 (US)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

None.

2.3 Emergency Overview

This product has been evaluated and does not require any hazard warning on the label under OSHA criteria. The product does not require a hazard warning label in accordance with GHS criteria according to REGULATION (EC) No 1272/2008.

Risk Phrases: None

Safety Phrases: S24, S26, S29/35, S36/37/39, S57, S62, S63

HMIS Code: (Health: 1) (Flammability: 1) (Physical Hazard: 0) (Protection: B)

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

WHMIS Code: None

Section 3: Composition/Ingredient Information

3.1 Reportable Hazardous Substance or Complex Substance

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First Aid Measures

4.1 Description of First Aid Measures

Special Treatment: Treat symptomatically.

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)

Mild irritation may occur with overexposure.

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 Advice for Fire-Fighters

Fire fighters should wear 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 place away from open flames. No special storage precautions required.

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



Appearance:	Clear, amber colored liquid
Odor:	Mild
Odor Threshold:	Not Determined
pH:	7-8.5, Method: ASTM D664 initial (16% dilution)
Melting Point/Freezing Point:	Pour Point < -40°C (-40°F)
Initial Boiling Point:	Not applicable, decomposes
Flash Point:	224°C (435 °F) (Base fluid), Method: ASTM D93
Evaporation Point:	Not determined
Flammability:	Not Flammable
Upper/Lower Explosive Limits:	Not determined
Vapor Pressure:	< 0.133 kPa (1 mm Hg) at 20°C, ASTM D5482
Vapor Density:	Not determined
Specific Gravity:	0.85 @ 25 °C, Method: ASTM D1475
Solubility in Water:	insoluble, floats on top of water
Partition Coefficient:	Not determined, Method: ASTM E1147
Autoignition Temperature:	Not determined, Method: ASTM E659
Decomposition Temperature:	Not determined, Method: ASTM E2550
Viscosity:	46 cSt @ 40°C, Method: ASTM D445

9.2 Other Information

No other relevant information

Section 10: Stability and Reactivity

10.1. Reactivity

None.

10.2. Chemical stability

Material is normally stable at moderately elevated temperatures and pressures.

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.

10.6. Hazardous decomposition products

None identified.

Section 11: Toxicological Information

Eye Contact: Mildly irritating to eyes.

Skin Contact: Prolonged or repeated contact may cause skin irritation. High-pressure injection into or under the skin should be considered a medical emergency, and treated immediately.

Inhalation: Under normal conditions of intended use, this material is not expected to be an

Inhalation hazard: Base fluid data indicates LC 50 > 5000 mg/m³

Ingestion: No significant health hazards identified. Base fluid data indicated LD 50 > 5000 mg/kg.

Primary Routes of Entry: None identified

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.

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

Dermal Sensitization: No data available to indicate product may be a skin sensitizer.

Inhalation Sensitization: No data available to indicate product may be a respiratory sensitizer

11.2 Chronic Exposure

Toxicological testing has not been conducted on this formulated product. Available data from base fluid component does not indicate any specific concerns.

Section 12: Ecological Information

Environmental Effects: No known significant effects or critical hazards.

12.1 Environmental Toxicity

No known significant effects or critical hazards.

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.

US EPA Disposal as "Specification waste oil"

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

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

EPCRA: This material contains no extremely hazardous substances.



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: Not known to contain any substances listed under Proposition 65, known to the State of California to cause cancer, birth defects or other reproductive harm, in concentrations which would require a warning under the statute

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 06/19/19

Supersedes: None

Date Prepared 09/21/15

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.