



# Safety Data Sheet

PAO 46

SDS Revision Date: 06/13/19

## Section 1: Chemical Product and Company Identification

### 1.1 Product Identifier

#### Product Identity

3003100720

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**  
**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. The product does not require a hazard warning label in accordance with GHS criteria according to REGULATION (EC) No 1272/2008.

### 2.3 Risk Phrases

None

### 2.4 Safety Phrases

S24, S26, S29/35, S36/37/39, S57, 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 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)

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. Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product

### 7.2 Conditions for Safe Storage

Keep in a cool, well-ventilated place away from open flames. No special storage precautions required.



### 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, amber colored liquid
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	Not Determined
<b>pH:</b>	7-8.5, Method: ASTM D1293
<b>Melting Point/Freezing Point:</b>	Pour Point < -40°C (-40 °F)
<b>Initial Boiling Point:</b>	Not applicable, decomposes
<b>Flash Point:</b>	224°C (435 °F) (Base fluid), Method: ASTM D93
<b>Evaporation Point:</b>	Not Determined
<b>Flammability:</b>	Not Flammable
<b>Upper/Lower Explosive Limits:</b>	Not Determined
<b>Vapor Pressur:</b>	< 0.133 kPa (1 mm Hg) at 20°C, ASTM D5482
<b>Vapor Density:</b>	Not Determined
<b>Specific Gravity:</b>	0.85 g/cm <sup>3</sup> @ 25 °C, Method: ASTM D1475
<b>Solubility in Water:</b>	Insoluble, floats on top of water
<b>Partition Coefficient:</b>	Not Determined, Method: ASTM E1147
<b>Autoignition Temperature:</b>	Not Determined, Method: ASTM E659
<b>Decomposition Temperature:</b>	Not Determined, Method: ASTM E2550
<b>Viscosity:</b>	46 cSt @ 40°C, Method: ASTM D445

## Section 10: Stability and Reactivity

### 10.1 Hazardous Decomposition Products

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

## 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/m<sup>3</sup>

**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

Toxicological testing has not been conducted on this product

**Dermal:** LD50, rabbit >2000 mg/kg based on data from components or similar materials

**Inhalation:** No data available to indicate product may be a toxic inhalation hazard, but not recommended for breathing air compressors.

**Ingestion:** LD50, rat >5000 mg/kg based on data from base fluid or similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.

**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

**Freshwater Fish 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.

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

**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:** 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.