



Safety Data Sheet

ROTO COOL 32

SDS Revision Date: 06/28/19 by Edmac Compressor Parts

Section 1: Chemical Product and Company Identification

1.1 Product Identifier

Product Identity

Alternate References

3003828020

Compressor Lubricant

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

Intended Use

Industrial Compressor Lubricant

1.3 Details of Supplier of the Safety Data Sheet

Distributor Company Name

Atlas Copco Compressors
1800 Overview Drive
Rock Hill, SC 29730

Customer Service

(800) 866-2959

Emergency (Office Hours)

803-817-7200

Section 2: Hazards Identification

2.1 Hazards Identification

No Reportable Hazardous Substance(s) or Complex Substance(s).

GHS Product Classification: None

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: S3/14, S14, S26, S27/28, S29/35, S36/37/39, S40, S43, 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

Chemical Name	CAS#	EC#	Percent % wt
Base Stock	Mixture	Unknown	60-100%
Ester	Proprietary	Unknown	10-30%

This formulation is considered a trade secret and exact chemical identity or percentage of finished product has been withheld. Concentration trade secrets are allowed per 29 CFR 1910 as long as identity and percentage is available to health officials and other representatives.

Section 4: First Aid Measures



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.

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

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

Symptoms/effects: 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 Specific Hazards

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

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 Handling Precautions

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 Storage Precautions

Keep in a cool place away from open flames. No special storage precautions required.

Section 8: Exposure Controls/Personal Protection

8.1 Engineering Controls

Provide adequate ventilation. Observe Workplace Exposure Limits and minimize the risk of inhalation of dust.

8.2 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
Apparent pH	6.5-8.5, Method: ASTM D1293
Melting Point / Freezing Point	Pour Point -47°C
Initial Boiling Point	Not applicable, decomposes
Flash Point	240°C (464 °F) (Base fluid), Method: ASTM D92
Evaporation Rate	Not determined
Flammability	Not flammable
Upper/Lower Explosive Limits	Not determined
Vapor Pressure	< 0.013 kPa (0.1 mm Hg) at 20 C [Base fluid data]
Vapor Density	Not determined
Specific Gravity	0.99 g/cm ³ @ 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	32.0 cSt @ 40°C, Method: ASTM D445

Section 10: Stability and Reactivity

10.1. Chemical Stability

Material is normally stable at moderately elevated temperatures and pressures.

10.2 Hazardous Reactions

None.

10.3 Conditions to avoid

Do not expose to excessive heat, ignition sources, or oxidizing materials.

10.4 Materials to Avoid

Keep away from chlorine, fluorine, and other strong oxidizers

10.5 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 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

Toxicological testing has not been conducted on this product.

Dermal Toxicity: The LD 50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.

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

Oral Toxicity: The LD50 in rats is > 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: An additive present in this fluid has been reported to be a skin sensitizer in guinea pigs. No further data is available.



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. Statement below is based on information from the supplier of the base fluids:

"Not expected to cause significant health effects under conditions of normal use, based on laboratory studies with the same or similar materials. Not mutagenic or genotoxic. Not sensitizing in test animals and humans."

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

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: Not determined.

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

Label text:

Handling: No special requirements if handled with reasonable care.

First Aid:

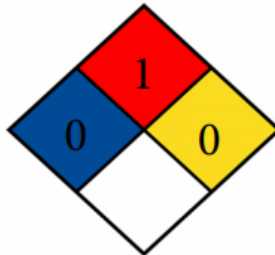
Eye: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Skin: After contact with skin, take off immediately all contaminated clothing; wash immediately with plenty of soap and water.

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.

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



Date Revised: 06/28/2019

Supersedes: None

Date Prepared: 08/28/2014