

**Atlas Copco Compressors**  
1800 Overview Dr., Rockhill, SC 29730  
Ph: 866-472-1015 www.atlascopco.com



## SECTION I – PRODUCT AND COMPANY INFORMATION

**Product Name:** ROTO COOL 32

**Product Number:** 3003828020

**Product Type:** Compressor Lubricant

**Intended Use:** Industrial compressor lubricant

**Supplier:**

Atlas Copco Compressors  
1800 Overview Drive  
Rock Hill, SC 29730  
USA

**Emergency Spill Information:**

**Phone:** 803-817-7200 USA  
**Fax:** 803-817-7336 USA

## SECTION 2 – 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 - INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS#</b>	<b>EC#</b>	<b>Percent % wt</b>
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**

**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.

**Symptoms/effects:** Mild irritation may occur with overexposure.

### **SECTION 5 – FIRE FIGHTING MEASURES**

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

**Unsuitable Extinguishing Media:** Never use water.

**Specific Hazards:** Keep away from extreme heat and open flames.

**Hazardous Combustion Products:** Incomplete combustion results in oxides of carbon.

**Fire Fighting Equipment:** Fire fighters should wear an approved self-contained breathing apparatus.

### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Wear suitable protective clothing and gloves.

**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.

**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**

**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.

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

### **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** In case of insufficient ventilation wear suitable respiratory equipment.

**Protective Equipment:** Wear suitable protective clothing, gloves and eye/face protection.

## SECTION 9 – PHYSICAL AND CHEMICAL 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 <sup>3</sup> @ 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

Chemical Stability: Material is normally stable at moderately elevated temperatures and pressures.

Hazardous Reactions: None.

Conditions to Avoid: Keep away from extreme heat.

Materials to Avoid: Keep away from chlorine, fluorine, and other strong oxidizers.

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/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.

### **- ACUTE EXPOSURE -**

Toxicological testing has not been conducted on this product.

<b>Dermal Toxicity</b>	The LD 50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.
<b>Inhalation Toxicity</b>	No data available to indicate product may be a toxic inhalation hazard, but not recommended for breathing air compressors.
<b>Oral Toxicity</b>	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.
<b>Dermal Sensitization</b>	An additive present in this fluid has been reported to be a skin sensitizer in guinea pigs. No further data is available.
<b>Inhalation Sensitization</b>	No data available to indicate product may be a respiratory sensitizer.

### **- 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.

### **- ENVIRONMENTAL TOXICITY -**

Freshwater Fish Toxicity: Not determined.

### **- 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

### - 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.

### - 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

### - State Regulations -

California Proposition 65: This product does not contain chemical 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.

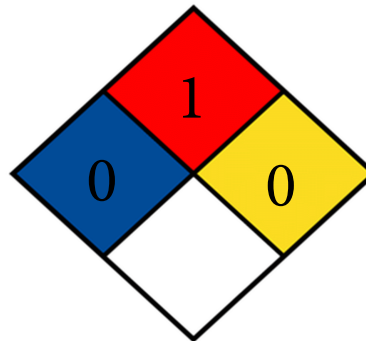
#### First Aid:

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	<b>1</b>
FLAMMABILITY	<b>1</b>
PHYSICAL HAZARD	<b>0</b>
PERSONAL PROTECTION	<b>B</b>



Date Revised: 19 Mar 2018  
Supersedes: None  
Date Prepared: 28 August 2014

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.