

# PREMIERCARE by **RTI**

## **Auto 1000**

Polyol Ester Refrigeration Compressor Lubricant

### **MATERIAL SAFETY DATA SHEET**

Emergency Phone Number: 717-840-0678

Date : January 27, 2000.

#### **SECTION 1**

Company Name:

#### **COMPANY IDENTIFICATION AND CHEMICAL PRODUCT**

RTI Technologies, Inc.

Address:

4075 East Market Street, York, PA 17402

Phone / Fax:

717-840-0678 / 717-755-8304

Trade Name:

Auto 1000 Refrigeration Compressor Lubricant.

Chemical Name:

Synthetic Polyolester Hydrocarbon

Chemical Family:

Synthetic Polyolester Hydrocarbon

Formula:

Proprietary

CAS#:

Proprietary

Applications:

Auto1000 Refrigeration Compressor Lubricant is used as a fluid in HFC and other refrigeration systems.

#### **SECTION 2**

General:

#### **COMPOSITION / INFORMATION ON INGREDIENTS**

This Product is NON-HAZARDOUS. The product contains No Known Carcinogens. No Special Warning Labels Are Required Under OSHA 29 CFR 1910.1200.

FDA Statement:

N/A

#### **SECTION 3**

Appearance:

#### **HAZARDS IDENTIFICATION**

Clear liquid, yellow to green tint.

Known Hazards:

This product does not require any special warning labels under OSHA 29 CFR 1910.1200 and contains no known hazardous ingredients.

#### **SECTION 4**

Eyes:

#### **FIRST AID MEASURES**

Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Physician assessment if eyes are inflamed.

Skin:

Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.

Inhalation:

Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.

Ingestion:

Do not induce vomiting. Force fluids. Has laxative effect.

#### **SECTION 5**

Flash Point:

#### **FIRE FIGHTING MEASURES**

456 °F min

Flammable Limits:

N/A

Auto Ignition Temp:

N/A

Fire & Explosion Hazards:

LOW FIRE HAZARD - Do not cut, drill, or weld empty containers

Extinguishing Media:

Dry chemical foam, water spray, carbon dioxide for small fires.

Fire Fighting Procedures:

Contain liquid, cover with extinguishing agent, use water spray to cool fire exposed containers and as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

#### **SECTION 6**

Spill or Leak:

#### **ACCIDENTAL RELEASE MEASURES**

Contain Spill, absorb with inert absorbent such as dry clay, sand, or diatomaceous earth, commercial sorbents or recover using pumps. Scoop up used absorbents into approved receptacles.

Waste Disposal:

Dispose in approved, secure landfill site or through a licensed waste reclaimer.

**SECTION 7**

Storage Temp - min / max:  
 Shelf Life:  
 Precautions:

**HANDLING AND STORAGE**

None / 104 °F recommended  
 Indefinite in original container  
 Not for internal use. Avoid contact with skin, eyes, clothing.

**SECTION 8**

Eye Protection:

**EXPOSURE CONTROL / PERSONAL PROTECTION**

Normally none required. Chemical goggles if splashing is likely or high pressure systems are used.

Skin Protection:

Normally none required, for direct contact of more than 2 hours, PVC or Nitrile gloves are recommended.

Respiratory Protection:

Normally not necessary. If mist is generated, wear approved organic respirator suitable for oil mist areas with sufficient oxygen.

Ventilation:

General ventilation.

Exposure Limits:

Acute LD<sub>50</sub> > 5000 mg/Kg (rat : oral) **PRACTICALLY NON TOXIC**

**SECTION 9**

Appearance:  
 Boiling Point:  
 Vapor Pressure:  
 Specific Gravity:  
 Volatilities, % Volume  
 Odor:  
 Solubility in Water:  
 Evaporation Rate:  
 Viscosity:

**PHYSICAL AND CHEMICAL PROPERTIES**

Clear liquid, yellow to green tint.  
 >570 °F  
 <0.001 kPa @ 25 °C  
 0.85-.089  
 0%  
 Slight characteristic odor  
 Negligible  
 Nil  
 @40 °C Varies depending on grade

**SECTION 10**

Stability:  
 Hazardous Polymerization:  
 Incompatibilities:  
 Decomposition Products:

**REACTIVITY**

Product is **STABLE**  
 Will not occur  
 Strong oxidizers  
 Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

**SECTION 11**

General:

**TOXICOLOGICAL INFORMATION**

Acute LD<sub>50</sub> > 5000 mg / Kg (rat : oral) **PRACTICALLY NON TOXIC**. Negative when tested by modified Ames test for carcinogenicity.

**SECTION 12**

General:

**ECOLOGICAL INFORMATION**

Biodegradable CEC L33T82 > 80% @ 45 Days

**SECTION 13**

Waste Disposal:

**DISPOSAL CONSIDERATIONS**

Used product must be disposed of in accordance with Federal, State, and Local environmental control regulations. Incineration is preferred.  
**DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCH.**

**SECTION 14**

Technical Name:  
 D.O.T. Hazard Class:  
 U.N. / N.A. #  
 Product Label:

**TRANSPORTATION INFORMATION**

Synthetic Polyol Ester Hydrocarbon  
 Not Regulated  
 Not Regulated  
 Auto 1000 Refrigeration Compressor Lubricant

**SECTION 15**

OSHA STATUS:  
 TSCA STATUS:  
 RCRA STATUS:

**REGULATORY INFORMATION**

Non Hazardous under 29 CFR 1910.1200  
 N/A  
 If discarded in its purchased form this product would not be a hazardous waste either by listing or characteristic. However it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste (40 CFR 261.20-24).

**SECTION 16**

General:

**OTHER INFORMATION**

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of RTI Technologies, Inc. The data on this sheet related only to the specific material designed herein. RTI Technologies, Inc. assumes no legal responsibility for the use or reliance upon these data.  
 Prepared by - J J Sandler. 01/27/00.