

PREMIERCARE by **RTI**

PAG - 46, 100, 150

Auto Air Conditioning Lubricant

MATERIAL SAFETY DATA SHEET

Emergency Phone Number: 717-840-0678

Date : May 11, 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:

PAG 46, 100, or 150 Auto Air Conditioning Lubricant.

Chemical Name:

Synthetic Polyalkylene Glycol hydrocarbon mixture

Chemical Family:

Synthetic Polyalkylene Glycol hydrocarbon mixture

Formula:

Proprietary

CAS#:

Proprietary

Applications:

PAG 46, 100, or 150 Auto Air Conditioning Lubricant is used as a fluid in HFC and other refrigeration systems.

SECTION 2

General:

COMPOSITION / INFORMATION ON INGREDIENTS

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:

Clear liquid, with slight yellow or orange to red tint.

Known Hazards:

This product does not require any special warning labels under OSHA 29 CFR 1910.1200 and contains no known hazardous ingredients. Product is slight Eye and Skin irritant.

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:

440 °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

Chemical goggles if splashing is likely or high pressure systems are used.

Skin Protection:

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 LD₅₀ > 2000 mg/Kg (rat : oral)

SECTION 9

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

PHYSICAL AND CHEMICAL PROPERTIES

Clear liquid, with slight yellow or orange to red tint.
 >200 °C
 <0.001 kPa @ 25 °C
 0.85-.098
 0%
 Characteristic odor
 Slight
 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 LD₅₀ > 2000 mg / Kg (rat : oral)

SECTION 12

General:

ECOLOGICAL INFORMATION

N/A

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 Polyalkylene glycol hydrocarbon mixture
 Not Regulated
 Not Regulated
 PAG 46, 100, or 150 Auto Air Conditioning 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. Revised 5/11/00 replaces 01/27/00.