Auto 1000 Refrigeration Compressor Lubricant
MATERIAL SAFETY DATA SHEET

Emergency Phone Number: 717-840-0678
Date: January 27, 2000.

SECTION 1
COMPANY IDENTIFICATION AND CHEMICAL PRODUCT
Company Name: 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 Polyol Ester Hydrocarbon
Chemical Family: Synthetic Polyol Ester Hydrocarbon
Formula: Proprietary
CAS#: Proprietary
Applications: Auto 1000 Refrigeration Compressor Lubricant is used as a fluid in HFC and other refrigeration systems.

SECTION 2
COMPOSITION / INFORMATION ON INGREDIENTS
FDA Statement: N/A

SECTION 3
HAZARDS IDENTIFICATION
Appearance: 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
FIRST AID MEASURES
Eyes: 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
FIRE FIGHTING MEASURES
Flash Point: 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
ACCIDENTAL RELEASE MEASURES
Spill or Leak: 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 reclamer.
SECTION 7  HANDLING AND STORAGE
Storage Temp - min / max: None / 104 °F recommended
Shelf Life: Indefinite in original container
Precautions: Not for internal use. Avoid contact with skin, eyes, clothing.

SECTION 8  EXPOSURE CONTROL / PERSONAL PROTECTION
Eye 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 LD₅₀ > 5000 mg/Kg (rat : oral) PRACTICALLY NON TOXIC

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Clear liquid, yellow to green tint.
Boiling Point: >570 °F
Vapor Pressure: <0.001 kPa @ 25 °C
Specific Gravity: 0.85-.089
Volatilities, % Volume 0%
Odor: Slight characteristic odor
Solubility in Water: Negligible
Evaporation Rate: Nil
Viscosity: @40 °C Varies depending on grade

SECTION 10  REACTIVITY
Stability: Product is STABLE
Hazardous Polymerization: Will not occur
Incompatibilities: Strong oxidizers
Decomposition Products: Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

SECTION 11  TOXICOLOGICAL INFORMATION
General: Acute LD₅₀ > 5000 mg / Kg (rat : oral) PRACTICALLY NON TOXIC. Negative when tested by modified Ames test for carcinogenicity.

SECTION 12  ECOLOGICAL INFORMATION
General: Biodegradable CEC L33T82 > 80% @ 45 Days

SECTION 13  DISPOSAL CONSIDERATIONS
Waste Disposal: 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  TRANSPORTATION INFORMATION
Technical Name: Synthetic Polypol Ester Hydrocarbon
D.O.T. Hazard Class: Not Regulated
U.N. / N.A. #: Not Regulated
Product Label: Auto 1000 Refrigeration Compressor Lubricant

SECTION 15  REGULATORY INFORMATION
TSCA STATUS: N/A
RCRA STATUS: 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  OTHER INFORMATION
General: 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.