

Material Safety Data Sheet

Date of Preparation: 12/5/01

MSDS No. 227

Section 1 – Chemical Product and Company Identification

Product Name: QUEST R134a ESTER OIL WITH STOP LEAK

Part Number(s): 227

CAS Number: NOT APPLICABLE TO MIXTURES

Product Class: Automotive product

Manufacturer: E F Products, Inc. 1860 Crown Drive, Suite 1400, Dallas, TX 75234

Information Phone No.: 1-888-396-0422 **Emergency Phone No.:** 1-888-396-0422

Section 2 – Composition/ Information on Ingredients

Ingredient Name	CAS Number	OSHA TWA	ACGIH TLV
Polyol Ester	Proprietary	-	-
Methylene Chloride	75-09-2	25ppm	25ppm
Cyclohexanone	108-94-1	20ppm	20ppm
Proprietary Ingredients			

Section 3 – Physical and Chemical Properties

Physical State: Liquid

Appearance/Odor: Yellow/Mild odor

% Volatile: N/A

Evaporation Rate: N/A

Boiling Range: Not determined

Vapor Density (Air=1): Heavier than air

Specific Gravity (@ C20 °C): 0.997

Vapor Pressure: 0.1 mm/Hg @ 20C

Section 4 – Fire Fighting Measures

Flash Point: 260C

Flash Point Method: Open Cup

LEL: N/A

Extinguishing Media: Carbon Dioxide, Dry chemicals or Foam

Unusual Fire or Explosion Hazards: Low fire hazard. Unlikely to ignite except in high heat flux conditions.

Thermal decomposition will evolve irritant vapors.

Special Fire-Fighting Procedures: Use self-contained breathing apparatus with full face piece and protective clothing.

Section 5 – Stability and Reactivity

Stability: Stable

Polymerization: Will not occur

Incompatibilities & Conditions to Avoid: Strong Oxidizing Agents

Hazardous Decomposition Products: Highly unlikely under intended handling and use.

Section 6 – Health Hazard Information

Primary Entry Routes: Skin, dermal, inhalation and ingestion

Target Organs: Eyes, skin, respiratory system

Effects of Overexposure: Prolonged and repeated contact can cause skin irritation. High concentrations of aerosols or mists may be slightly irritating to the upper respiratory tract.

Carcinogenicity: No components of the product are a carcinogen.

Chronic Effects: N/A

Section 6 – Health Hazard Information

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

Eye Contact: Irrigate with eyewash solution or clean water, holding eyelids apart, for at least 10 minutes. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

Skin Contact: Remove contaminated clothing. Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

Ingestion: Do NOT induce vomiting. Wash out mouth with water and give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person).

Section 7 – Spill, Leak, and Disposal Procedures

Wear skin protection during clean-up. Contain and absorb large spillages onto an inert, non-flammable absorbent carrier (such as earth or sand). Do not allow to enter drains, sewers or waterways. Shovel into a chemical waste container for disposal or recovery.

Section 8 – Exposure Controls / Personal Protection

Ventilation: Ventilate to keep vapors of this material below 20ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

Protective Clothing/Equipment: Wear ISGA standard goggles or face shield. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

Safety Stations: Provide eyewash station and safety shower in work area. Use ventilation adequate to maintain safe levels.

DOT Transportation Data

<u>PART NUMBER(S)</u>	<u>SHIPPING NAME</u>	<u>HAZARD CLASS IDNO.</u>	<u>PACKING GROUP</u>
227	Consumer Commodity	ORM-D N/A	N/A

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