

Material Safety Data Sheet

Date of Preparation: 12/5/01

MSDS No. 228

Section 1 – Chemical Product and Company Identification

Product Name: QUEST R134a LEAK FINDER
Part Number(s): 228
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
Polyalkylene Glycol (PAG)	Proprietary	-	-

Section 3 – Physical and Chemical Properties

Physical State: Liquid
Appearance/Odor: Red/Hydrocarbon odor
% Volatile: N/A
Evaporation Rate: N/A

Boiling Range: Not determined
Vapor Density (Air=1): Heavier than air
Specific Gravity (@ C20 °C): 0.99
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: Water/ Dry chemicals/Foam
Unusual Fire or Explosion Hazards: N/A
Special Fire-Fighting Procedures: N/A

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: Can cause eye burns. Prolonged and repeated contact can cause skin irritation. Possibly dermatitis.

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: No OSHA PELs or ACGIH TLVs have been assigned. Minimize exposure in accordance with good industrial hygiene practice.

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>
228	Consumer Commodity	ORM-D N/A	N/A

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