

MATERIAL SAFETY DATA SHEET

RED TEK® ECI-10™

SECTION 1 - IDENTIFICATION

MANUFACTURER: Thermofluid Technologies, Inc.
ADDRESS: 409 Home Avenue
Maryville, TN 37801
PHONE: (865) 983-1633
FAX: (865) 983-0068

PRODUCT NAME: RED TEK® ECI-10™
PROPER SHIPPING NAME: Lubricant
UN NUMBER: None
HAZARDOUS GOODS: None
USES: Lubricant enhancer

TOLL FREE 24 HOUR EMERGENCY TELEPHONE NUMBER 1 – 800-424-9300 or 1-703-527-3887.

SECTION 2 – PHYSICAL PROPERTIES

APPEARANCE: Light color; Oil odor
ODOUR THRESHOLD: N/A
COEFF.WATER/ OIL DIST: N/A
FREEZING POINT: N/A
VAPOR DENSITY: (est.) (Air=1);N/A
VAPOR PRESSURE: (mmHg) <@25°C

PHYSICAL STATE: Liquid
SOLUBILITY IN WATER: Non soluble
EVAPORATION RATE: <0.01
BOILING POINT: 380°F
pH: N/A
SPECIFIC GRAVITY: 1.05

SECTION 3 – FIRE OR EXPLOSION HAZARD

AUTO – IGNITION TEMPERATURE: N/A
FLASHPOINT: Not Available **LOWER FLAMMABLE LIMIT (LEL):** N/A **UPPER FLAMMABLE LIMIT (UEL):** N/A

EXTINGUISH MEDIA: Foam, water fog, chemical, co2
HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms oxides of carbon.
SENSITIVITY TO STATIC DISCHARGE: N/A
EXPLOSION DATA: N/A.
FIRE AND EXPLOSION HAZARD: Product is non-explosive and under normal use, non combustible.

SECTION 4 – INGREDIENTS

<u>HAZARDOUS INGREDIENTS</u>	<u>%</u>	<u>CAS NUMBER</u>	<u>LC50</u>	<u>P.E.L.</u>	<u>ACGIH TLV</u>
None					

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: This material is chemically stable.
CONDITIONS TO AVOID: Avoid sparks, open flame or any source of ignition.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents such as chlorine, permangantes and dichromate.
DECOMPOSITION PRODUCTS: Burning of this product can produce oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.
POLYMERIZATION TO AVOID: None known.

SECTION 6-HEALTH HAZARD

INHALED / ASPHYXIANT: Vapor irritates nose and throat.
INGESTION: May cause depression of central nervous system.
EYE CONTACT: Vapor irritates eyes.
SKIN CONTACT: Prolonged contact may irritate the skin.

SECTION 7-FIRST AID

INHALED: Remove exposed person to fresh air and ventilate area.

EYES: Flush eyes with large quantities tepid water for 15 minutes and call a physician if irritation persists.

SKIN: Wash with soap and water.

INGESTION: In case of accidental ingestion do NOT induce vomiting, seek immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 8-SAFE HANDLING

SPILLS: Eliminate ignition source. Prevent liquid from entering sewers, watercourses or low areas. Adequately ventilate area. Recover free liquid by pumping or use a suitable absorbent (vermiculite).

WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.

STORAGE, HANDLING, SHIPPING: Keep container closed until ready for use. Store in cool, well ventilated area. Store away from heat, flame, and/or static discharge. Do NOT store above 120° F.

OTHER PRECAUTIONS: Do not store or handle in temperatures above 120° F.

SECTION 9-PERSONAL PROTECTION

WORK/HYGIENIC PRACTICES: Use usual, good hygienic practices; wash thoroughly after use.

EYES: Wear chemical safety glasses with side shields and/or goggles.

GLOVES: Chemical resistant.

OTHER PROTECTIVE CLOTHING: Usually not needed.

RESPIRATORY PROTECTION: If ventilation of the area is not adequate, use a NIOSH approved respirator to prevent over exposure by inhalation.

SECTION 10-PREPARATION