

# MATERIAL SAFETY DATA SHEET

## RED TEK® FUEL ENHANCER™

### 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® FUEL ENHANCER™  
**PROPER SHIPPING NAME:** consumer commodity  
**UN NUMBER:** n/a  
**HAZARDOUS GOODS:** n/a  
**PACKING GROUP:** n/a

**CHEMTREC- TOLL FREE 24 HOUR EMERGENCY TELEPHONE NUMBER 1 – 888- 676-9380.**

### SECTION 2 – PHYSICAL PROPERTIES

**APPEARANCE:** Red colour: alcohol odour  
**ODOUR THRESHOLD:** Very light viscous liquid, alcohol odor  
**COEFF.WATER/ OIL DIST:** 70% soluble  
**FREEZING POINT:** N/A  
**VAPOR DENSITY: (est.) (Air=1);**2.40  
**VAPOR PRESSURE: (mmHg)** 104@38°C

**PHYSICAL STATE:** Liquid  
**SOLUBILITY IN WATER:** 80  
**EVAPORATION RATE:** 2.14  
**BOILING POINT:** 189°F  
**pH:**N/A  
**SPECIFIC GRAVITY:** N/A

### SECTION 3 – FIRE OR EXPLOSION HAZARD

**AUTO – IGNITION TEMPERATURE:** N/A  
**FLASHPOINT:** 62°F      **LOWER FLAMMABLE LIMIT (LEL):** 2%      **UPPER FLAMMABLE LIMIT (UEL):** 12%

**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:** Respiratory protection(NIOSH approved) for fire fighting personnel. Cool with water.

### SECTION 4 – INGREDIENTS

<u>HAZARDOUS INGREDIENTS</u>	<u>%</u>	<u>CAS NUMBER</u>	<u>LD50</u>	<u>P.E.L.</u>	<u>ACGIH TLV</u>
ETHYL ALCOHOL	>10	64-17-5		1000	1000
ALIPHATIC ALCOHOL	>10	67-63-0		400ppm	
ALIPHATIC HYDROCARBONS	>5	8008-20-6			
PETROLEUM NAPHTHA	>5	8030-30-6			

**This product does not contain any chemical listed as a carcinogen by OSHA,IARC Monographs or the National Toxicology Program. Does not contain any ozone depleting substances or heavy metals and complies with the RCRA Clean Air Act of 1991.**

### 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 / ASPHYXIAN:** 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**

Thermofluid Technologies Inc. ; 409 Home Avenue, Maryville, TN 37801 865-983-1633 Prepared by Missy Simpson January 21, 2009 REV.

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