



---

**MATERIAL SAFETY DATA SHEET • 123-002 • Red Line Motor Oil**

---

PRODUCT TRADE NAME: **RED LINE MOTOR OILS**

REVISION DATE: April 18, 2008

CHEMICAL NAME: Mixture

NFPA CODE: Health: 1 Fire: 1 Reactivity: 0

---

**SECTION 1 - HAZARDOUS INGREDIENTS**

---

0.6 to 1.2% Zinc dialkyldithiophosphate

CAS #68649-42-3

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs, or National Toxicology program at a concentration > 0.1%.

---

**SECTION 2 - FIRE AND EXPLOSION HAZARDS**

---

FLASH POINT: &gt;450°F

UPPER FLAMMABLE LIMIT: Not Determined.

LOWER FLAMMABLE LIMIT: Not Determined.

EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemical, foam.

SPECIAL FIREFIGHTING PROCEDURES: None

UNUSUAL FIRE &amp; EXPLOSION HAZARDS: None

---

**SECTION 3 - HEALTH HAZARD DATA**

---

ORAL TOXICITY: LD 50 greater than 5000 mg/kg in rats. Based on data from components.

EYE IRRITATION: May cause mild eye irritation.

SKIN IRRITATION: May cause mild skin irritation.

OTHER: Unknown.

TLV: None established. Oil mist TLV 5mg/m<sup>3</sup>.

---

**FIRST AID PROCEDURES**

---

SKIN: Wash well with soap and water.

EYE: Flush well with water.

INHALATION: Remove to fresh air. See a physician if irritation persists.

ORAL: Call a physician. Give two glasses of water and induce vomiting.

ADDITIONAL: None.

---

**SECTION 4 - SPECIAL PROTECTION INFORMATION**

---

VENTILATION PROCEDURE: Mechanical ventilation recommended.

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

EYE PROTECTION: Safety glasses.

OTHER PROTECTION: Long-sleeved shirt.

---

**SECTION 5 - PHYSICAL DATA**


---

VAPOR PRESSURE: Not Determined  
 SPECIFIC GRAVITY: 0.91  
 WATER SOLUBILITY: Insoluble  
 PERCENT VOLATILE: Not Determined.  
 VAPOR DENSITY: Not Determined.  
 EVAPORATION RATE: Not Determined.  
 ODOR: Mild.  
 APPEARANCE: Brown oily liquid.

---

**SECTION 6 - STABILITY**


---

STABILITY: Stable  
 INCOMPATIBILITY: Oxidizing agents  
 POLYMERIZATION: Will not occur.  
 THERMAL DECOMPOSITION: Oxides of carbon, nitrogen, phosphorous, zinc, calcium, molybdenum and sulfur. Hydrogen Sulfide and alkyl mercaptans may also result.

---

**SPILL OR LEAK PROCEDURES**


---

SPILL PROCEDURES: Prevent entry into sewers and waterways. Pick up free liquid for disposal. Absorb small amounts on inert material for disposal.

WASTE DISPOSAL: If disposed of, this material is not believed to be a characteristic hazardous waste under RCRA.. Disposal should be in compliance with federal, state, and local laws.

---

**SPECIAL PRECAUTIONS**


---

SPECIAL PRECAUTIONS: Store in a cool, dry, place away from flame. Remove contaminated clothing and launder before reuse.

---

**TRANSPORTATION AND LABELING**


---

DOT PROPER SHIPPING NAME: Not Applicable.  
 DOT HAZARD CLASS: Not Applicable.  
 DOT ID NUMBER (UN NO.): None  
 IMO CLASS: Not Applicable.  
 SARA EXT. HAZ. SUBSTANCES: This product is not known to contain greater than 1.0% of any chemical substance on this list.  
 SARA SECTION 313: 0.6 to 1.2% Zinc compounds containing 0.12% Zinc.  
 U.S. TSCA INVENTORY: All components are included on the U.S. TSCA Inventory.  
 PRECAUTIONARY LABELS: None

---

The information presented herein has been compiled from sources considered dependable and is accurate to the best of Red Line's knowledge; however, Red Line makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. Red Line assumes no responsibility for injury to recipient or to third persons or for any damage to any property and buyer assumes all such risks.