

## MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: **RED LINE POWER STEERING FLUID**

REVISION DATE: June 1, 2011

CHEMICAL NAME: Mixture

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

HMIS CODE: Health: 1 Fire: 1 Reactivity: 0

### SECTION 1 - HAZARDOUS INGREDIENTS

0.5 - 2.0 % 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: >400°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 & EXPLOSION HAZARDS: None

### SECTION 3 - HEALTH HAZARD DATA

ORAL TOXICITY: 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: NIOSH-approved organic vapor respirator if TLV exceeded. Long-sleeved shirt

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**SECTION 5 - PHYSICAL DATA**

VAPOR PRESSURE: Not Determined  
SPECIFIC GRAVITY: 0.89  
WATER SOLUBILITY: Insoluble  
PERCENT VOLATILE: Not Determined.  
VAPOR DENSITY: Not Determined.  
EVAPORATION RATE: Not Determined.  
ODOR: Mild.  
APPEARANCE: Reddish-colored oily liquid.

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**SECTION 6 - STABILITY**

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

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**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.

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**SPECIAL PRECAUTIONS**

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**TRANSPORTATION AND LABELING**

DOT PROPER SHIPPING NAME: Not Applicable.  
DOT HAZARD CLASS: Not Applicable.  
DOT ID NUMBER (UN NO.): None  
SARA EXT.HAZ. SUBSTANCES: This product is not known to contain greater than 1% of any substances on this list.  
SARA SECTION 313: 0.5 - 2.0% Zinc compounds, containing 0.22% Zinc.  
U.S. TSCA INVENTORY: All components are included on the U.S. TSCA Inventory.

PRECAUTIONARY LABELS: None

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