

RED LINE SYNTHETIC OIL CORPORATION
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MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: RED LINE POWER STEERING FLUID

REVISION DATE: February 11, 1998

CHEMICAL NAME: Mixture

NFPA 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: CO₂, 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/m³.

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.

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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: Amber-colored oily liquid.

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.

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
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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