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**MATERIAL SAFETY DATA SHEET • 123-004 • Red Line Manual Transmission Gear Oil**

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PRODUCT TRADE NAME: **Red Line MTL®**, **MT-85 & MT-90 Manual Transmission Lubricant**

REVISION DATE: August 30, 2010

CHEMICAL NAME: Mixture

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

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**SECTION 1 - HAZARDOUS INGREDIENTS**

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2-2.9 % Zinc C1-C14 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 &gt; 0.1%.

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**SECTION 2 - FIRE AND EXPLOSION HAZARDS**

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FLASH POINT:	>425°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

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**SECTION 3 - HEALTH HAZARD DATA**

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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> .

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**FIRST AID PROCEDURES**

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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.

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**SECTION 4 - SPECIAL PROTECTION INFORMATION**

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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**

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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**

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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**

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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**

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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: 2 -2.9% Zinc compounds, containing 0.27% Zinc.  
U.S. TSCA INVENTORY: All components are included on the U.S. TSCA Inventory.

PRECAUTIONARY LABELS: None

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