

RED LINE SYNTHETIC OIL CORPORATION  
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## MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: **RED LINE TWO-CYCLE ALCOHOL PREMIX**

PRODUCT TYPE: Two-cycle premix lubricant for alcohol-fuel engines.

REVISION DATE: June 1, 2011

CHEMICAL NAME: Mixture

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

### SECTION 1 - HAZARDOUS INGREDIENTS

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%.

None

### SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: Greater than 130°C

UPPER FLAMMABLE LIMIT: Not Determined.

LOWER FLAMMABLE LIMIT: Not Determined.

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

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors of aliphatic hydrocarbons are heavier than air and may travel to a distant ignition source.

### 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.

INHALATION TOXICITY: No data available to indicate product or components are a toxic inhalation hazard.

OTHER: None

CHRONIC TOXICITY: No data available to indicate product or components present at greater than 1% are chronic health hazards.

TLV: None established.

### FIRST AID PROCEDURES

SKIN: Wash well with soap and water. See a physician if irritation persists.

EYE: Flush well with water for at least 15 minutes.

INHALATION: Remove to fresh air. See a physician if irritation persists. If breathing has stopped, apply artificial respiration.

ORAL: Call a physician. Do not 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 recommended.

OTHER PROTECTION: NIOSH-approved organic vapor respirator if TLV exceeded. Long-sleeved shirt.

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**SECTION 5 - PHYSICAL DATA**

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VAPOR PRESSURE: Not Determined  
SPECIFIC GRAVITY: 0.93  
WATER SOLUBILITY: Insoluble  
PERCENT VOLATILE: Not Determined.  
VAPOR DENSITY: Not Determined.  
EVAPORATION RATE: Not Determined.  
ODOR: Mild.  
APPEARANCE: Amber oily liquid.

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**SECTION 6 - STABILITY**

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STABILITY: Stable  
INCOMPATIBILITY: Strong oxidizing agents.  
POLYMERIZATION: Will not occur.  
THERMAL DECOMPOSITION: Oxides of carbon, nitrogen.

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**SPILL OR LEAK PROCEDURES**

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SPILL PROCEDURES: Ventilate area. Remove sources of ignition. Wear self-contained breathing apparatus, and gloves. Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Absorb small amounts on inert material for disposal.

WASTE DISPOSAL: If disposed of, this material is believed to be non-hazardous. Disposal should be in compliance with federal, state, and local laws.

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**SPECIAL PRECAUTIONS**

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SPECIAL PRECAUTIONS: Store in a cool, dry, place away from flame. Keep containers closed when not in use. Open container in a well-ventilated area. Remove contaminated clothing and laundry before reuse.

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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.): Not Applicable.  
IMO CLASS: Not Applicable.  
EPA HAZARDOUS SUBSTANCES: None  
U.S. TSCA INVENTORY: All components are included on the U.S. TSCA Inventory.

PRECAUTIONARY LABELS: May cause eye irritation.

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