

RED LINE SYNTHETIC OIL CORPORATION
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MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: **RL ANTIGEL**

REVISION DATE: August 23, 2005

CHEMICAL NAME: Mixture

NFPA CODE: Health: 2 Fire: 2 Reactivity: 0

SECTION 1 - HAZARDOUS INGREDIENTS

30% Light Aromatic Naphtha - Supplier recommended TWA = 100 ppm, CAS No:64742-95-6

Petroleum Naphtha - TLV = 100 ppm CAS #107-98-2

Alkylbenzenes - TWA- None established. CAS #68515-25-3

0.8% Xylene - OSHA PEL:100ppm, OSHA STEL 150ppm, ACGIH TLV:100ppm, ACGIH STEL:150ppm CAS #1330-20-7

3.2% 1,2,4-Trimethyl benzene - CAS #95-63-6

1.6% Naphthalene - OSHA PEL:10ppm, OSHA STEL:15ppm, ACGIH TLV:10ppm, ACGIH STEL:15ppm. CAS #91-20-3

SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 160°F (71°C)
UPPER FLAMMABLE LIMIT: Not Determined.
LOWER FLAMMABLE LIMIT: Not Determined.
EXTINGUISHING MEDIA: CO₂, dry chemical, foam.
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece
UNUSUAL FIRE & EXPLOSION HAZARDS: Toxic fumes may be evolved on burning or exposure to heat. Vapors 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.
OTHER: Inhalation of vapors may cause irritation of nose and throat, dizziness, weakness, headache, nausea, vomiting, blurred vision, tremors, shallow and rapid respiration, and heart ventricular irregularities.
TLV: None established. Oil mist TLV 5mg/m³.

FIRST AID PROCEDURES

SKIN: Wash well with soap and water.
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

VAPOR PRESSURE: Not Determined
SPECIFIC GRAVITY: 0.9
WATER SOLUBILITY: Insoluble
PERCENT VOLATILE: Not Determined.
VAPOR DENSITY: Not Determined.
EVAPORATION RATE: Not Determined.
ODOR: Strong.
APPEARANCE: Light yellowish liquid.

SECTION 6 - STABILITY

STABILITY: Stable
INCOMPATIBILITY: Oxidizing agents.
POLYMERIZATION: Will not occur.
THERMAL DECOMPOSITION: Oxides of carbon, hydrogen.

SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: Ventilate area. Remove sources of ignition. Wear self-contained breathing apparatus, rubber boots, suit, 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 not believed to be a characteristic hazardous waste under RCRA.. Disposal should be in compliance with federal, state, and local laws.

CERCLA REPORTING: Must report accidental spills of greater than 850 gallons due to naphthalene.

SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: **DO NOT HEAT!** Store in a cool (below 130°F), 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.

TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME: NA
DOT HAZARD CLASS: NA
DOT ID NUMBER (UN NO.): NA
EPA HAZARDOUS SUBSTANCES: Is not known to contain greater than 1% of any SARA Extremely Hazardous Substance.
SARA SECTION 313: 1.6% Naphthalene CAS No:91-20-3
3.2% 1,2,4-Trimethyl benzene CAS No:95-63-6
0.8% Xylene CAS No:1330-20-7
0.6% Cumene, CAS No:98-82-8
U.S. TSCA INVENTORY: All components are included on the U.S. TSCA Inventory.

PRECAUTIONARY LABELS: Combustible. Harmful if inhaled. Causes eye irritation. Causes skin irritation. May be harmful if absorbed through skin. May cause respiratory tract irritation.

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