

## MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: **RL ANTIGEL**

REVISION DATE: December 16, 2011

CHEMICAL NAME: Mixture

NFPA CODE: Health: 2 Fire: 1 Reactivity: 0

### SECTION 1 - HAZARDOUS INGREDIENTS

20-29.9% Hydrotreated Middle Distillate - Supplier recommended TWA = 100 ppm, CAS No:64742-46-7

20-29.9% Petroleum Naphtha - TLV = 100 ppm CAS #64742-94-5

1-4.9% Alkylbenzenes - TWA- None established. CAS #68515-25-3

0.4% Xylene - OSHA PEL:100ppm, OSHA STEL 150ppm, ACGIH TLV:100ppm, ACGIH STEL:150ppm CAS #1330-20-7

2.8% Naphthalene - OSHA PEL:10ppm, OSHA STEL:15ppm, ACGIH TLV:10ppm, ACGIH STEL:15ppm. CAS #91-20-3

5-10% 2-Ethyl Hexanol- CAS #104-76-7

### SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 175°F (79°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: 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: LD50 > 5000 mg/kg in rats. Based on data from components.  
EYE IRRITATION: May cause eye irritation.  
SKIN IRRITATION: May cause skin irritation. LD50>2000mg/kg in rabbits.  
OTHER: LC50(1hr) >200mg/l. 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/m<sup>3</sup>.

### 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 irritaiton 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: 0.9  
WATER SOLUBILITY: Insoluble  
PERCENT VOLATILE: Not Determined.  
VAPOR DENSITY: Not Determined.  
EVAPORATION RATE: Not Determined.  
ODOR: Strong.  
APPEARANCE: Light yellowish 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, hydrogen.

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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, 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.

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#### SPECIAL PRECAUTIONS

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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.

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#### TRANSPORTATION AND LABELING

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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: 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: Causes eye irritation. Causes skin irritation. May be harmful if absorbed through skin or inhaled. May cause respiratory tract irritation.

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