RED LINE SYNTHETIC OIL CORPORATION 6100 Egret Court Benicia, CA 94510 (707)745-6100

MATERIAL SAFETY DATA SHEET

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PRODUCT TRADE NA PRODUCT TYPE: Dies REVISION DATE: De CHEMICAL NAME: M NFPA CODE:	sel fuel co ecember	ombustion im		nterized Fire:	2	Reactivity: 1		
SECTION 1 - HAZARD	OUS INC							
40-49.9% Petroleum Naphtha - CAS # 64742-47-8 Supplier recommended TWA = 100 ppm								
20-30% 2-EthylHexyl Nitrate (CAS 27247-96-7) TWA - 1ppm								
5-10% 2-Ethyl Hexanol- CAS #104-76-7								
SECTION 2 - FIRE AND EXPLOSION HAZARDS								
FLASH POINT: 190°F (88°C) UPPER FLAMMABLE LIMIT: Not Determined. LOWER FLAMMABLE LIMIT: Not Determined. EXTINGUISHING MEDIA: CO ₂ , 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. Container may rupture on heating.								
SECTION 3 - HEALTH HAZARD DATA								
ORAL TOXICITY: EYE IRRITATION: SKIN IRRITATION: DERMAL TOXICITY: OTHER:	LD 50 > 5000 mg/kg in rats. Based on data from components. May cause eye irritation. May cause skin irritation. Prolonged exposure may cause dermatitis. LD 50 in rabbits >2000 mg/kg. Based on similar materials. Components may be absorbed through skin. 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.							
CHRONIC TOXICITY:	A 14-day dermal toxicity study of 2-ethylhexanol in rats showed blood effects, decreased spleen weight and decreased triglycerides Repeated ingestion of 2-ethylhexanol may cause injury to the liver and kidneys.							
CARCINOGENICITY: MUTAGENICITY:	Not considered to be carcinogenic under IARC No data available to inicate product or any components present at greater than 0.1% are mutagenic or genotoxic.							
TLV:	None established. Oil mist TLV 5mg/m ³ .							
FIRST AID PROCEDURES								
SKIN:	Wash well with soap and water.							
EYE: INHALATION:	Flush well with water for at least 15 minutes. Remove to fresh air. See a physician if irritaiton persists. If breathing has stopped, apply artificial							
ORAL: ADDITIONAL:	respiration. Call a physician. Do not induce vomiting. If conscious give two glasses of water. 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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PRODUCT TRADE NAME: **85 Plus and 85 Plus Winterized** REVISION DATE: December 16, 2011

SECTION 5 - PHYSICAL DATA							
SPECIFIC GRAVITY:0.93VISCOSITY @ 40°C:51 cSWATER SOLUBILITY:InsoluPERCENT VOLATILE:Not DVAPOR DENSITY:Not DEVAPORATION RATE:Not DODOR:Stron	cSt coluble t Determined. t Determined. t Determined.						
SECTION 6 - STABILITY							
INCOMPATIBILITY: Stron POLYMERIZATION: Will n	nally stableunder moderately elevated temperatures and pressures. ng oxidizing agents. not occur. ke, and oxides of carbon, hydrogen, nitrogen.						
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 hazardous waste under RCRA. Waste management should be in compliance with federal, state, and local laws.							
CERCLA REPORTING: None							
SPECIAL PRECAUTIONS							
SPECIAL PRECAUTIONS: DO NOT HEAT! Store in a cool (below 110°F), dry, place away from flame. Keep containers closed when not in use. Open container in a welll-ventilated area. Remove contaminated clothing and launder before reuse.							
TRANSPORTATION AND LABELING	· · · · · · · · · · · · · · · · · · ·						
DOT PROPER SHIPPING NAME: DOT HAZARD CLASS: DOT ID NUMBER (UN NO.): EPA HAZARDOUS SUBSTANCES: SARA SECTION 313: U.S. TSCA INVENTORY: CANADIAN CEPA: California Proposition 65 Warning: PRECAUTIONARY LABELS:	Not Applicable. Not Applicable. Is not known to contain greater than 1% of any SARA Extremely Hazardous Substance. None All components are included on the U.S. TSCA Inventory. All components are in compliance with the Canadian Environmental Protection Act. This product may contain slight but detectable amounts of toluene, naphthalene, and ethylene oxide, chemicals known to the State of California to cause cancer. May cause eye irritation. May cause skin irritation. May be harmful if absorbed through skin or inhaled. May cause chronic health effects. Based on data with laboratory animals.						
IMDG Shipping Description:	UN3082 Environmentally hazardous substance, liquis, n.o.s. (Alkyl C7-C9 nitrates), 9, III, Marine Pollutant (Alkyl C7-C9 nitrates)						

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