

**MATERIAL SAFETY DATA SHEET**  
Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Date of Prep: 1/29/98

**SECTION 1**

56-6190

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FOR INFORMATION: (847) 541-5700

Product Class:	Petroleum Oil	Manufacturer's Code:	201
Trade Name:	PARAFFINE OIL	NPCA HMIS:	Health: 1 Flammability: 1 Reactivity: 0

Product Appearance and Odor: Clear light yellow liquid; mild, bland petroleum odor.

**SECTION 2 -- HAZARDOUS INGREDIENTS**

**OCCUPATIONAL EXPOSURE LIMITS**

INGREDIENT	CAS #	PERCENT	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Distillates (Petroleum), Hydrotreated Light Naphthenic	84742-53-6		5 mg/m3 (For oil mist in air)	10 mg/m3 (For oil mist in air)	5 mg/m3 (For oil mist in air)		< 0.01 MM Hg @ 20° C.
Distillates (Petroleum), Hydrotreated Heavy Naphthenic	84742-52-5		5 mg/m3 (For oil mist in air)	10 mg/m3 (For oil mist in air)	5 mg/m3 (For oil mist in air)		< 0.01 MM Hg @ 20° C.

**SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES**

**Eye Contact:** If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

**Skin Contact:** In case of skin contact, remove any contaminated clothing and shoes and wash skin with soap and water. Launder or dry-clean clothing before reuse. Discard footwear which cannot be decontaminated. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

**Inhalation:** Vapor inhalation under ambient conditions is not normally a problem due to low vapor pressure. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

**Ingestion:** If swallowed, do not induce vomiting. Get prompt medical attention.

**SECTION 4 -- PHYSICAL DATA**

The following data represent approximate or typical values. They do not constitute product specifications.

Boiling Range:	Approximately 465° F (I.B.P.)	Vapor Density:	Heavier than air
Evaporation Rate:	Slower than ether	% Volatile By Volume:	Negligible from open container in 4 hours @ 100° F.
Weight Per Gallon:	7.45 lbs.		
Solubility in Water:	Negligible; less than 0.01%		

**SECTION 5 -- FIRE AND EXPLOSION DATA**

Flammability Classification:	Combustible Liquid - Class IIIB.
Flash Point:	315° (F) (Cleveland Open Cup)
Lower Explosive Limit:	0.9% (Estimated)
Extinguishing Media:	Carbon dioxide, foam, dry chemical, water spray. Do not use direct water stream; it will spread fire.
Unusual Fire and Explosion Hazards	Do not store or mix with strong oxidants.
Special Fire Fighting Procedures:	Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water.

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**SECTION 6 -- HEALTH HAZARD DATA**

<b>THRESHOLD LIMIT VALUE:</b>	See Section 2.
<b>EFFECTS OF OVEREXPOSURE:</b>	
<b>Primary Routes of Entry:</b>	Eye and skin contact.
<b>Eye Contact:</b>	May cause eye irritation.
<b>Skin Contact:</b>	Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.
<b>Inhalation:</b>	Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
<b>Ingestion:</b>	Product has a low order of toxicity but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
<b>General Health Hazard Information:</b>	Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.
<b>Pre-Existing Medical Conditions Aggravated by Exposure:</b>	None recognized.
<b>Carcinogenicity:</b>	Components of this product have not been identified as carcinogens by NTP, IARC, or OSHA.

**SECTION 7 -- REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Heat, sparks and flame.
<b>Incompatibility (Materials to Avoid):</b>	Strong oxidizing agents like liquid chlorine, concentrated oxygen, sodium hypochlorite and calcium hypochlorite.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition may yield carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
<b>Hazardous Polymerization:</b>	Will not occur.

**SECTION 8 -- SPILL OR LEAK PROCEDURES**

**Steps to be taken in case material is spilled or released:** Remove ignition sources, evacuate area, avoid breathing vapor or contact with liquid. Recover free liquid or stop leak if possible. Dike large spills and use absorbent material for small spills. Keep spilled material out of sewers, ditches and bodies of water.

**Waste disposal method:** Incinerate under safe conditions; dispose of in accordance with local, state and federal regulations.

**SECTION 9 -- SAFE HANDLING AND USE INFORMATION**

<b>Respiratory Protection:</b>	Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask, if needed.
<b>Ventilation:</b>	Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirements. See Section 2. Use explosion-proof equipment. No smoking or open lights.
<b>Protective Gloves:</b>	Rubber or neoprene.
<b>Eye Protection:</b>	Chemical safety goggles.
<b>Other Protective Equipment:</b>	Impervious clothing or boots, if needed.

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**SECTION 10 -- SPECIAL PRECAUTIONS**

Dept. of Labor Storage Category: Combustible Liquid - Class III B

Hygienic Practices: Keep away from heat, sparks and open flame. Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.

Additional Precautions: Ground containers when transferring liquid to prevent static accumulation and discharge.

Empty Container Warning: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to supplier or disposed of in an environmentally safe manner and in accordance with governmental regulations.

**SECTION 11 -- ADDITIONAL INFORMATION**

This product contains the following toxic chemical(s) which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>TOXIC CHEMICAL</u>	<u>CAS #</u>	<u>APPROXIMATE % BY WEIGHT</u>
NONE	NONE	NONE

TRANSPORTATION

Not regulated by the U.S. D.O.T. as a hazardous material.