

MATERIAL SAFETY DATA SHEET

Superior Lubricants Co., Inc.

32 Ward Road

North Tonawanda, New York 14120

(716) 693-6050

(800) 638-1887

HEALTH EMERGENCIES:

Call POISON CONTROL CENTER

(716) 878-7654

Product Name: See Section I

Issue Date: 1/30/92

I. MATERIAL IDENTIFICATION

Name: Lubricating Oil

Synonyms: Motor Oil, Hydraulic Oil, Turbine Oil, Gear and Transmission Oil, Lubricant, Mineral Based Coolant

Chemical Family: Petroleum Hydrocarbon

DOT Shipping Name: Petroleum Hydrocarbon

DOT Hazard Classification: N/A

II. HAZARDOUS INGREDIENTS

Hazard Determination – Not Applicable

Health Effects Properties – None

Physical Effects Properties – Not Applicable

Product/Mixture – Not Applicable

III. PHYSICAL DATA

Appearance and Odor: Brown liquid, mild petroleum hydrocarbon odor.

Boiling Range: (F) 650° - 1200°

Specific Gravity: H 0 = 1 0.87/0.88

Vapor Pressure: (mm Hg) nil

% Volatile: (by volume) nil

Vapor Density: (air = 1) N/A

Evaporation Rate: (= 1) nil

Solubility in Water: Insoluble

Hazardous Decomposition Products: Normal combustion forms carbon dioxide, incomplete combustion may produce carbon monoxide.

Conditions to Avoid: Strong oxidizing materials, heat, flame.

Hazardous Polymerization: Will not occur.

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): 330° - 335°F (pmcc)

Autoignition Temperature: 520° - 630°F

Handle and store in accordance with NFPA procedures for Class III B Combustible Liquids.

Extinguishing Media: Use water spray, dry chemical, foam, or carbon dioxide.

Special Firefighting Procedures: Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

Health: 0

Hazard Ratings

Fire: 1

Least: 0

Reactivity: 0

Slight: 1

High: 3

Moderate: 2

Extreme: 4

V. HEALTH AND HAZARD INFORMATION

PEL: Not established

TLV: Not established

Ceiling Value: Not established

AEL: Not established

Primary Route of Entry: Skin

Signs and Symptoms of Overexposure: No adverse health effect has been identified specifically for this product. Health effect information from animal and human studies has been included on related materials, even though health experts may disagree as to the significance of this data.

Mouse skin painting studies have shown that highly-solvent refined petroleum distillates having a boiling point below 700°F, and which are similar to ingredients in this product, have not caused skin tumors. Studies of petroleum workers have not shown a significant increase incidence of skin tumors.

The product may cause irritation to eyes, lungs, or skin after prolonged or repeated exposure. Laboratory studies have shown that mice developed skin cancer following repeated application of, and continuous exposure to used motor oil. In these studies, the used motor oil was not removed between applications. Health hazards to used motor oil can be minimized by avoiding prolonged skin contact.

Listed as a Carcinogen or Potential Carcinogen By:

NTP: No

IARC: No

OSHA: No

VI. EMERGENCY AND FIRST AID PROCEDURES

Eyes: Immediately wash with fresh water for at least 15 minutes and get medical attention.

Skin: Remove contaminated clothing as soon as possible. Wash exposed skin thoroughly with soap and water. If irritation persists, consult a physician. Launder contaminated clothing before reuse. Extremely contaminated leather shoes should be discarded. If exposed to HOT OIL, immediately cool with cold water. Do not attempt to remove oil but continue to cool exposed area(s) with cold packs and seek medical attention.

Inhalation: If overexposure occurs, remove individual to fresh air. If breathing stops, administer artificial respiration.

Ingestion: If this material is swallowed, do not induce vomiting. If vomiting begins, lower victim's head in an effort to prevent vomitus from entering lungs. Immediately consult a physician. Do not attempt to give liquid to an unconscious person.

Note to Physicians: Gastric lavage by qualified medical personnel may be considered, depending on quantity of material ingested.

VII. SPECIAL PROTECTION

Respiratory Protection: None required except under circumstances such as described in Section V.

Ventilation: Normal shop ventilation

Protective Gloves: None required

Eye Protection: None required

Other Protective Equipment: None required

VIII. ENVIRONMENTAL DATA

RCRA Hazardous Waste: No

In Case of Spill or Leak: Contain spill immediately in smallest area possible. Recover as much of the product itself as possible by such methods as vacuuming, followed by soaking up residual fluids by use of absorbent materials. Remove contaminated items including solids and place in proper container for disposal. Avoid washing, draining or directing material to storm or sanitary sewers.

Waste Disposal Method: Recycle as much of the recoverable product as possible. Dispose of nonrecyclable material by such methods as controlled incineration, complying with federal, state and local regulations.

IX. TRANSPORTATION AND STORAGE

DOT Hazard Clause: Not applicable

Precautions to be Taken in Handling and Storing: Product is Class III B Combustible Liquid per NFPA Code No. 30-1984. Store and handle accordingly.

Shipping Paper Description: Not DOT regulated.

Placard: Not DOT regulated

DOT Label: Not regulated

OSHA Label (recommended): CAUTION: Prolonged or repeated skin contact with used motor oil may be harmful. Wash thoroughly with soap and water after contact.

X. DISCLAIMER

The information contained within this document is believed to be accurate as of the date issued. Because product is beyond our control, no warranty is given expressed or implied. The information is furnished on the condition that the person(s) receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of his use thereof. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.