

MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

LUBRIPLATE® Lubricants Co.
129 Lockwood St.
Newark, NJ 07105

Emergency Telephone Number:
1-800-255-3924-CHEM-TEL (24 hour)
Telephone Number for information:
1-973-589-9150

SUBSTANCE: FISKE'S Evap Oil

TRADE NAMES/SYNONYMS:

PRODUCT USE: Petroleum lubricating oil

CREATION DATE: 06/05/2008

REVISION DATE: 03/04/2009

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Aliphatic petroleum hydrocarbon

CAS NUMBER: 64742-48-9

EC NUMBER (EINECS): 265-150-3

PERCENTAGE: 100

NOTE: The IP 346 value of the mineral oil is less than 3%

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

INHALATION:

SHORT TERM EXPOSURE: Irritation

LONG TERM EXPOSURE: Lung damage

SKIN CONTACT:

SHORT TERM EXPOSURE: Irritation

LONG TERM EXPOSURE: Prolonged or repeated contact with skin can dry and defat the skin leading to irritation and dermatitis.

EYE CONTACT:

SHORT TERM EXPOSURE: In high concentrations (attainable at elevated temperatures), vapor is irritating to eyes and mucous membranes and is anesthetic. Liquid contact with eye can cause slight irritation but does not injure the eye tissue.

LONG TERM EXPOSURE: No information available

INGESTION:

SHORT TERM EXPOSURE: Diarrhea, difficulty breathing

LONG TERM EXPOSURE: no information on significant adverse effects

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS):

Health – 1
Flammability – 1
Reactivity – 0

Not a Controlled Product under (WHMIS) – Canada

Special Protection: See Section 8

SECTION 4 FIRST AID MEASURES

INHALATION: Remove to fresh air. See a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body.

EYE CONTACT: Flush with clear water for 15 minutes or until irritations subsides. If irritation persists, consult a physician.

INGESTION: If ingested, call a physician immediately. Do not induce vomiting as this material may aspirate and enter the lungs which could cause lung inflammation and damage.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Intense heat may cause drums to rupture.

EXTINGUISHING MEDIA: Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog)

SPECIAL FIRE FIGHTING PROCEDURES: CAUTION: Combustible, cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Water spray may be useful in minimizing vapors and cooling containers. Empty containers retain residue. Do not cut, drill, grind, or weld, as they may explode.

SECTION 6 ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE: Recover liquid, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

WASTE DISPOSAL METHOD: Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.

SECTION 7 HANDLING AND STORAGE

STORAGE: Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:**Aliphatic petroleum hydrocarbon:**

100 ppm OSHA PEL (TWA)

100 ppm ACGIH TLV (TWA)

VENTILATION: Provide local exhaust ventilation system, face velocity greater than 60 fpm. Ensure compliance with applicable exposure limits.

EYE PROTECTION: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

CLOTHING: Wear appropriate chemical resistant clothing.

GLOVES: Wear appropriate chemical resistant (nitrile) gloves.

RESPIRATOR: Use air supplied respiratory protection in enclosed areas if needed.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: liquid

APPEARANCE: transparent

COLOUR: water white

PHYSICAL FORM: oil

ODOR: slight odor

BOILING POINT: >177 C

FREEZING POINT: Not available

FLASH POINT: 54 C (COC)

LOWER FLAMMABLE LIMIT: 1.0%

UPPER FLAMMABLE LIMIT: 6.0%

AUTO IGNITION: 57 C (COC)

VAPOUR PRESSURE: <0.01 mm Hg

VAPOR DENSITY (air=1): >5

SPECIFIC GRAVITY (water=1): 0.76

DENSITY: not available

WATER SOLUBILITY: Negligible

pH: not available

VOLATILITY: not available

ODOR THRESHOLD: not available

EVAPORATION RATE (butyl acetate=1): <0.01

VISCOSITY: 1.5 mm²/s at 40 C

COEFFICIENT OF WATER/OIL DISTRIBUTION: not available

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY: Stable at normal temperatures and pressures

CONDITIONS TO AVOID: Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

INCOMPATIBLES: Strong acids and bases, oxidizing agents and selected amines

HAZARDOUS DECOMPOSITION:

Thermal decomposition products or combustion: oxides of carbon

POLYMERISATION: Will not polymerise.

SECTION 11 TOXICOLOGICAL INFORMATION

Aliphatic petroleum hydrocarbon:

TOXICITY DATA:

No data available

SECTION 12 ECOLOGICAL INFORMATION

Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations

SECTION 14 TRANSPORT INFORMATION

LAND TRANSPORT ADR: No classification assigned.

LAND TRANSPORT RID: No classification assigned.

AIR TRANSPORT IATA: UN 1268, Petroleum Distillates, N.O.S., (Naphtha Solvent), Class 3, PG III, Packing Instruction 309 (for a 5-gallon steel pail or Packing Instruction 310 (for a 55 gallon steel drum). The 55 gallon drum to be labeled 'CARGO AIRCRAFT ONLY'.

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MARITIME TRANSPORT IMDG: UN 1268, Petroleum Distillates, N.O.S., (Naphtha Solvent), Class 3, PG III, Flash Point: 52° C.,
EmS F-E, S-E

SECTION 15 REGULATORY INFORMATION

EUROPEAN REGULATIONS:

EC CLASSIFICATION (CALCULATED): Not classified as dangerous.

SECTION 16 OTHER INFORMATION

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