

MATERIAL SAFETY DATA SHEET

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

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

SUBSTANCE: FISKE'S Stamping Oil No. 7

TRADE NAMES/SYNONYMS:

PRODUCT USE: Petroleum lubricating oil

CREATION DATE: 04/04/2008

REVISION DATE: 03/05/2009

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Mineral spirits

CAS NUMBER: 64741-65-7/8052-41-3

EC NUMBER (EINECS): 265-067-2/232-489-3

PERCENTAGE: 85-90

COMPONENT: Butyl stearate

CAS NUMBER: 123-95-5

EC NUMBER (EINECS): 204-666-5

PERCENTAGE: 5-10

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

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

INHALATION:

SHORT TERM EXPOSURE: In high concentrations (attainable at elevated temperatures), vapor is irritating to eyes and mucous membranes and is anesthetic.

LONG TERM EXPOSURE: Lung damage

SKIN CONTACT:

SHORT TERM EXPOSURE: Irritation

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

EYE CONTACT:

SHORT TERM EXPOSURE: Irritation. Liquid contact with eyes 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 – 2

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 body.

EYE CONTACT: Flush with clear water for 15 minutes or until irritation 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: Slight fire hazard

EXTINGUISHING MEDIA: Foam, Dry Chemical, Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES: 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: Keep all sources of ignition away from spill. Ventilate 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.

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.

Electrostatic Accumulation Hazard: Use proper bonding and/or grounding procedure.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

TWA for 8 hour day is 100 ppm

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: Consider the need for appropriate protective equipment, such as self-contained breathing apparatus, adequate masks and filters.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: liquid

APPEARANCE: transparent

COLOUR: light colored

PHYSICAL FORM: oil

ODOR: slight mineral oil 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: not available

VAPOUR PRESSURE: <0.01 mm Hg

VAPOR DENSITY (air=1): >5

SPECIFIC GRAVITY (water=1): 0.78

DENSITY: not available

WATER SOLUBILITY: negligible

pH: not available

VOLATILITY: not available

ODOR THRESHOLD: not available

EVAPORATION RATE (Butyl acetate = 1): <0.01

VISCOSITY: 2 mm²/s at 100 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, oxidising agents and selected amines

HAZARDOUS DECOMPOSITION:

Thermal decomposition products or combustion: oxides of carbon

POLYMERISATION: Will not polymerise.

SECTION 11 TOXICOLOGICAL INFORMATION

Mineral spirits:

TOXICITY DATA:

Greater than 34,600 mg/kg LD50 oral-rat

Butyl stearate:

TOXICITY DATA:

5.0 ml/kg LD50 oral-rat

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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