

MATERIAL SAFETY DATA SHEET

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

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Telephone Number for information:
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SUBSTANCE: LUBRIPLATE Oven Chain Lubricant

TRADE NAMES/SYNONYMS:

PRODUCT USE: Petroleum lubricating oil

CREATION DATE: 04/03/2008

REVISION DATE: 08/30/2011

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Aliphatic hydrocarbon

CAS NUMBER: Proprietary

EC NUMBER (EINECS): NA

PERCENTAGE: 90-95

COMPONENT: Graphite

CAS NUMBER: 7782-42-5

EC NUMBER (EINECS): 231-955-3

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: Irritation

LONG TERM EXPOSURE: Lung damage

SKIN CONTACT:

SHORT TERM EXPOSURE: Irritation

LONG TERM EXPOSURE: Irritation, skin disorders

EYE CONTACT:

SHORT TERM EXPOSURE: Irritation

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 – 2

Flammability – 2

Reactivity – 0

Not a Controlled Product under (WHMIS) – Canada

Special Protection: See Section 8

SECTION 4 FIRST AID MEASURES

INHALATION: Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.

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 eyes 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.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight to moderate fire hazard when exposed to heat or flame.

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or water spray (fog)

FIRE FIGHTING: Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition products or combustion: oxides of carbon

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not store or mix with strong oxidants. Empty containers contain residue. Do not cut, drill, grind, or weld, as they may explode.

SECTION 6 ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE: No smoking, flames, or flares in hazard area. Keep unnecessary people away; isolate hazard area and deny entry. Ventilate area. Provided it is safe to do so, isolate the source of the leak. Do not allow to enter drains, sewers or watercourses. Absorb spillages onto sand, earth or any suitable absorbent material. Scrape up and place in suitably labeled container for disposal.

SECTION 7 HANDLING AND STORAGE

STORAGE: Keep away from heat, sources of ignition and direct sunlight. Keep containers properly sealed when not in use. Keep in a well ventilated place. Store in a cool, dry area away from heat, sparks or fire. All handling equipment must be properly grounded.

STORAGE TEMPERATURE: <90 F

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:**Graphite:**

2 mg/m³ TWA (respirable fraction, all forms except graphite fibers) ACGIH

15 mppcf TWA OSHA

VENTILATION: Provide local exhaust ventilation system. 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: opaque

COLOUR: black

PHYSICAL FORM: oil

ODOR: mineral oil odor

BOILING POINT: 187 C

FREEZING POINT: Not available

FLASH POINT: 63 C Tagliabue Closed Tester

LOWER FLAMMABLE LIMIT: 0.6% by volume

UPPER FLAMMABLE LIMIT: 7.0% by volume

AUTO IGNITION: not available

VAPOUR PRESSURE: 0.5 mm Hg at 20 C

VAPOR DENSITY (air=1): not determined

SPECIFIC GRAVITY (water=1): 0.84

DENSITY: 6.9 - 7.1

WATER SOLUBILITY: miscible

pH: not available

VOLATILITY: not available

ODOR THRESHOLD: not available

EVAPORATION RATE: 1 (Butyl acetate=1)

VISCOSITY: not available

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 strong oxidants like liquid chlorine, concentrated oxygen.

INCOMPATIBLES: Oxidising materials, chlorine

HAZARDOUS DECOMPOSITION:

Thermal decomposition products or combustion: not determined

POLYMERISATION: Will not polymerise.

SECTION 11 TOXICOLOGICAL INFORMATION

Aliphatic hydrocarbon:

TOXICITY DATA:

No data available

Graphite:

TOXICITY DATA:

No data available

SECTION 12 ECOLOGICAL INFORMATION

Not available

SECTION 13 DISPOSAL CONSIDERATIONS

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

SECTION 14 TRANSPORT INFORMATION

LAND TRANSPORT DOT: Not regulated for non-bulk shipping

For Bulk Shipping:

Proper Shipping Name	Combustible Liquid, N.O.S.
Technical Name	(Contains Naphtha)
U.N. Number	NA 1993
Packing Group	III

AIR TRANSPORT IATA: No classification assigned.

AIR TRANSPORT ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

SECTION 15 REGULATORY INFORMATION

EUROPEAN REGULATIONS:

EC CLASSIFICATION (CALCULATED): Not classified as dangerous.

SECTION 16 OTHER INFORMATION

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