

**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: LUBRIPLATE Turbine Oil 32**

**TRADE NAMES/SYNONYMS:**

**PRODUCT USE:** Petroleum lubricating oil

**CREATION DATE:** 04/07/2008

**REVISION DATE:** 03/05/2009

---

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

---

**COMPONENT:** Severely refined mineral oil

**CAS NUMBER:** 64742-65-0

**EC NUMBER (EINECS):** 265-169-7

**PERCENTAGE:** 95-100

**COMPONENT:** Phenylamine

**CAS NUMBER:** 68921-45-9

**EC NUMBER (EINECS):** 272-940-1

**PERCENTAGE:** 0-1

**COMPONENT:** Hydroxyalkyl carboxylic ester

**CAS NUMBER:** NA

**EC NUMBER (EINECS):** NA

**PERCENTAGE:** 0-1

**COMPONENT:** Kerosene

**CAS NUMBER:** 8008-20-6

**EC NUMBER (EINECS):** 232-366-4

**PERCENTAGE:** 0-1

**COMPONENT:** Acrylate copolymer

**CAS NUMBER:** 26376-86-3

**EC NUMBER (EINECS):** not assigned

**PERCENTAGE:** 0-1

**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 – 1

Flammability – 1

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. If over-exposed to oil mist, remove from further exposure until excessive oil mist conditions subside.

**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 subside. 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:** Intense heat may cause drums to rupture.

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

**SPECIAL FIRE FIGHTING PROCEDURES:** After water evaporates and fire starts, treat as an oil fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

---

## 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:**

**OIL MIST IN AIR (Not Encountered in Normal Usage):**

5 mg/m<sup>3</sup> UK OES TWA

10mg/m<sup>3</sup> UK OES STEL

**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:** Normally not needed.

---

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

---

**PHYSICAL STATE:** liquid

**APPEARANCE:** transparent

**COLOUR:** amber

**PHYSICAL FORM:** oil

**ODOR:** mineral oil odor

**BOILING POINT:** >288 C

**FREEZING POINT:** Not available

**FLASH POINT:** 199 C (COC)

**LOWER FLAMMABLE LIMIT:** 0.9%  
**UPPER FLAMMABLE LIMIT:** 7.0%  
**AUTO IGNITION:** 227 C (COC)  
**VAPOUR PRESSURE:** <0.01 mm Hg  
**VAPOR DENSITY (air=1):** >5  
**SPECIFIC GRAVITY (water=1):** 0.86  
**DENSITY:** not available  
**WATER SOLUBILITY:** Negligible  
**pH:** not available  
**VOLATILITY:** not available  
**ODOR THRESHOLD:** not available  
**EVAPORATION RATE (butyl acetate=1):** <0.01  
**VISCOSITY:** 5.4 mm<sup>2</sup>/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 oxidants like liquid chlorine, concentrated oxygen

**HAZARDOUS DECOMPOSITION:**

Thermal decomposition products or combustion: oxides of carbon, oxides of sulfur

**POLYMERISATION:** Will not polymerise.

---

## SECTION 11 TOXICOLOGICAL INFORMATION

---

**Severely refined mineral oil:**

**TOXICITY DATA:**

Greater than 2,000 mg/kg oral-rat LD50

**Phenylamine:**

**TOXICITY DATA:**

Greater than 15,000 mg/kg oral-rat LD50

**Hydroxyalkyl carboxylic ester:**

**TOXICITY DATA:**

Between 2,000 and 5,000 mg/kg oral-rat LD50

**Kerosene:**

**TOXICITY DATA:**

Not available

**Acrylate copolymer:**

**TOXICITY DATA:**

Greater than 7,940 mg/kg oral-rat LD50

---

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:** 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

---

**The above information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of LUBRIPLATE Lubricants Company. The data on these sheets relates only to the specific material designated herein. LUBRIPLATE Lubricants Company assumes no legal responsibility for use or reliance upon this data.**