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 No. 130-A

TRADE NAMES/SYNONYMS:

PRODUCT USE: Petroleum lubricating grease

CREATION DATE: 04/12/2007  
REVISION DATE: 10/30/2012

SECTION 2  COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Heavy hydrotreated naphthenic distillates (petroleum)  
CAS NUMBER: 64742-52-5  
EC NUMBER (EINECS): 265-155-0  
PERCENTAGE: 75-80

COMPONENT: Fatty acid  
CAS NUMBER: 68153-81-1  
EC NUMBER (EINECS): 268-896-8  
PERCENTAGE: 10-15

COMPONENT: Antimony diamyldithiocarbomate  
CAS NUMBER: 15890-25-2  
EC NUMBER (EINECS): 240-028-2  
PERCENTAGE: 2-5

COMPONENT: Amine naphthalenesulfonate  
CAS NUMBER: NA  
EC NUMBER (EINECS): NA  
PERCENTAGE: 2-5

COMPONENT: Zinc oxide  
CAS NUMBER: 1314-13-2  
EC NUMBER (EINECS): 215-222-5  
PERCENTAGE: 0-5

COMPONENT: Calcium hydroxide  
CAS NUMBER: 1305-62-0
EC NUMBER (EINECS): 215-137-3
PERCENTAGE: 0-2

COMPONENT: Sodium hydroxide
CAS NUMBER: 1310-73-2
EC NUMBER (EINECS): 215-185-5
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.

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 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 fire hazard

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

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

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

SECTION 6 ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE: Scrape up grease, 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.

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/m³ UK OES TWA
10 mg/m³ 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: 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: solid
APPEARANCE: smooth
COLOUR: beige
PHYSICAL FORM: grease
ODOR: mineral oil odor
BOILING POINT: >288°C  
FREEZING POINT: Not available  
FLASH POINT: 204°C (COC)  
LOWER FLAMMABLE LIMIT: 0.9% by volume  
UPPER FLAMMABLE LIMIT: 7.0% by volume  
AUTO IGNITION: not available  
VAPOUR PRESSURE: not available  
VAPOR DENSITY (air=1): not available  
SPECIFIC GRAVITY (water=1): 0.96  
DENSITY: not available  
WATER SOLUBILITY: negligible  
pH: not available  
VOLATILITY: not available  
ODOR THRESHOLD: not available  
EVAPORATION RATE (Butyl acetate = 1): <0.01  
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 incompatible materials.  
INCOMPATIBLES: Oxidising materials, chlorine  
HAZARDOUS DECOMPOSITION:  
Thermal decomposition products or combustion: oxides of carbon, oxides of sulphur  
POLYMERISATION: Will not polymerise.

SECTION 11 TOXICOLOGICAL INFORMATION

Heavy hydrotreated naphthenic distillates (petroleum):  
TOXICITY DATA:  
Low order of dermal and oral toxicity  
Fatty acid:  
TOXICITY DATA:  
No data available  
Antimony diamyldithiocarbamate:  
TOXICITY DATA:  
Greater than 5,000 mg/kg LD50 oral-rat  
Amine naphthalenesulfonate:  
TOXICITY DATA:  
No data available
Zinc oxide:
TOXICITY DATA:
No data available

Calcium hydroxide:
TOXICITY DATA:
No data available

Sodium hydroxide:
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: No classification assigned.

AIR TRANSPORT ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

SECTION 15 REGULATORY INFORMATION

EUROPEAN REGULATIONS:
EC CLASSIFICATION (CALCULATED): N
Risk Phrases: R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SARA/TITLE III, Section 313 Status – Zinc Compounds <5%

SECTION 16 OTHER INFORMATION

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