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® 930-AA

MSDS No. 0892150096001

TRADE NAMES/SYNONYMS:

PRODUCT USE: Petroleum lubricating grease

CREATION DATE: 04/25/2007
REVISION DATE: 01/21/2010

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: Alkyl quaternary ammonium bentonite
CAS NUMBER: 71011-25-1
EC NUMBER (EINECS): 275-125-9
PERCENTAGE: 10-15

COMPONENT: Zinc oxide
CAS NUMBER: 1314-13-2
EC NUMBER (EINECS): 215-222-5
PERCENTAGE: 5-10

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

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*

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**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.

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**SECTION 5  FIRE FIGHTING MEASURES**

**FIRE AND EXPLOSION HAZARDS:** Slight fire hazard

**EXTINGUISHING 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
10mg/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:** semi-solid
**APPEARANCE:** smooth
**COLOUR:** off-white
**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:** <0.01 mm Hg
VAPOR DENSITY (air=1): >5
SPECIFIC GRAVITY (water=1): 0.95
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 hydrotrated naphthenic distillates (petroleum):
TOXICITY DATA:
Low order of dermal and oral toxicity

Alkyl quaternary ammonium bentonite:
TOXICITY DATA:
No data available

Zinc oxide:
TOXICITY DATA:
No data available

Antimony diamyldithiocarbamate:
TOXICITY DATA:
Greater than 5,000 mg/kg LD50 oral-rat

SECTION 12 ECOLOGICAL INFORMATION

Not available