

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 SYNCOOL

TRADE NAMES/SYNONYMS:

PRODUCT USE: Synthetic lubricating oil

CREATION DATE: 06/05/2008

REVISION DATE: 03/29/2011

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Polyether polyol
CAS NUMBER: 9003-13-8
EC NUMBER (EINECS): 500-003-1
PERCENTAGE: 65-70

COMPONENT: Lubricant basestock
CAS NUMBER: NA
EC NUMBER (EINECS): NA
PERCENTAGE: 25-30

COMPONENT: Proprietary additive package
CAS NUMBER: NA
EC NUMBER (EINECS): NA
PERCENTAGE: Balance

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: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

EYE CONTACT: Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

INGESTION: Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight fire hazard

EXTINGUISHING MEDIA: Foam, dry extinguishing media, or water spray (fog)

FIRE FIGHTING: Cool exposed containers with water. Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition products or combustion: oxides of carbon

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 watercourses. Advise authorities if product has entered or may enter sewers and watercourses.

CLEANUP:

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

SECTION 7 HANDLING AND STORAGE

STORAGE: Store and handle in accordance with all current regulations and standards. Keep container tightly closed. Keep away from heat, sparks, and flame. See original container for storage recommendations. Keep separated from incompatible substances.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:**OIL MIST:**

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: liquid

APPEARANCE: transparent

COLOUR: colorless to yellow

PHYSICAL FORM: oil

ODOR: of glycol

BOILING POINT: not available

FREEZING POINT: -48 C

FLASH POINT: 282 C (COC)

LOWER FLAMMABLE LIMIT: not determined

UPPER FLAMMABLE LIMIT: not determined

AUTO IGNITION: not available

VAPOR PRESSURE: not available

VAPOR DENSITY (air=1): not available
SPECIFIC GRAVITY (water=1): 0.9750
DENSITY: not available
WATER SOLUBILITY: insoluble
pH: 7.0
VOLATILITY: <1% volatiles
ODOR THRESHOLD: not available
EVAPORATION RATE (Butyl acetate=1): <0.01
VISCOSITY: 40 mm²/s @ 40 C
COEFFICIENT OF WATER/OIL DISTRIBUTION: not available

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY: Stable at normal temperatures and pressures

CONDITIONS TO AVOID: Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

INCOMPATIBLES: Avoid contact with strong acids or bases.

HAZARDOUS DECOMPOSITION:

Thermal decomposition products or combustion: oxides of carbon

POLYMERISATION: Will not polymerise.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICITY DATA:

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

SECTION 12 ECOLOGICAL INFORMATION

Biodegradation:

Test method:	OECD 301F; ISO 9408;92/69/EEC, C.4-D
Method of analysis:	BOD of the ThOD
Degree of elimination:	>70%
Evaluation:	Readily biodegradable (according to OECD criteria). The product is biodegradable.

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.