

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® Silicone Fluid FG-350

TRADE NAMES/SYNONYMS:

NSF H-1 REGISTRATION NUMBER: 138305

PRODUCT USE: Synthetic lubricating oil

CREATION DATE: 04/04/2008

REVISION DATE: 03/05/2009

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Dimethylpolysiloxane

CAS NUMBER: 63149-62-9

EC NUMBER (EINECS): not assigned

PERCENTAGE: 100

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 – 0
Flammability – 1
Reactivity – 0

Not a Controlled Product under (WHMIS) – Canada

Special Protection: See Section 8

SECTION 4 FIRST AID MEASURES

INHALATION: Remove to fresh air. See a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of 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 as this material may aspirate and enter the lungs, which could cause lung inflammation and damage.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight fire hazard

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide

FIRE FIGHTING: Keep containers cool. Use air-supplied breathing equipment for enclosed or confined spaces.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition products or combustion: 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 watercourses. Advise authorities if product has entered or may enter sewers and watercourses.

SECTION 7 HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated skin contact. Avoid breathing oil mist. Normal hygienic and safety precautions should be observed when handling chemicals.

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

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

PHYSICAL FORM: oil

ODOR: slight odor

BOILING POINT: >65 C

FREEZING POINT: Not available

FLASH POINT: >300 C

LOWER FLAMMABLE LIMIT: not available

UPPER FLAMMABLE LIMIT: not available

AUTO IGNITION: not available

VAPOUR PRESSURE: negligible

VAPOR DENSITY (air=1): negligible

SPECIFIC GRAVITY (water=1): 0.97

DENSITY: not available

WATER SOLUBILITY: insoluble

pH: not available

VOLATILITY: not available

ODOR THRESHOLD: not available

EVAPORATION RATE: not available (Butyl acetate=1)

VISCOSITY: 123.5 mm²/s @ 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.

INCOMPATIBLES: Strong oxidizers

HAZARDOUS DECOMPOSITION:

Thermal decomposition products or combustion: none

POLYMERISATION: Will not polymerise.

SECTION 11 TOXICOLOGICAL INFORMATION

Dimethylpolysiloxane:

TOXICITY DATA:

Greater than 34,600 mg/kg LD50 oral-rat

SECTION 12 ECOLOGICAL INFORMATION

Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Do not puncture or incinerate containers. Give empty, leaking or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

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.