

**MATERIAL SAFETY DATA SHEET**

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**SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

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**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® General Purpose Food Grade Silicone Lubricant (Aerosol)**

**TRADE NAMES/SYNONYMS:**

**NSF H-1 REGISTRATION NUMBER: 126086**

**PRODUCT USE: Lubricating oil**

**CREATION DATE: 04/03/2008**

**REVISION DATE: 10/11/2012**

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**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

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**COMPONENT: Dimethylpolysiloxane**

**CAS NUMBER: 63149-62-9**

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

**PERCENTAGE: 20-25**

**COMPONENT: Liquefied petroleum gas**

**CAS NUMBER: 68476-85-7**

**EC NUMBER (EINECS): 270-704-2**

**PERCENTAGE: 35-40**

**COMPONENT: Synthetic isoparaffinic hydrocarbon**

**CAS NUMBER: NA**

**EC NUMBER (EINECS): NA**

**PERCENTAGE: 20-25**

**COMPONENT: Acetone**

**CAS NUMBER: 67-64-1**

**EC NUMBER (EINECS): 200-662-2**

**PERCENTAGE: 20-25**

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**SECTION 3 HAZARDS IDENTIFICATION**

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**POTENTIAL HEALTH EFFECTS:**

**INHALATION: ACGIH – LISTED AS SIMPLE ASPHYXIAN**

**SHORT TERM EXPOSURE:** Irritation

**LONG TERM EXPOSURE:** Lung damage

**Effects of overexposure:** Inhalation is the most likely method of exposure. Minimal effects are expected at levels below the TLV of components. Dizziness, drowsiness, coughing, nasal or throat irritations at higher levels. Propellants may act as a simple asphyxiant without other significant physiologic effects if the oxygen content is low.

**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 – 4

Reactivity – 0

**Not a Controlled Product under (WHMIS) – Canada**

**Special Protection: See Section 8**

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**SECTION 4 FIRST AID MEASURES**

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**INHALATION:** Remove to fresh air. If breathing has stopped, administer artificial respiration. Get medical help immediately.

**SKIN CONTACT:** Remove any contaminated clothing and wash with soap and warm water.

**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.

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**SECTION 5 FIRE FIGHTING MEASURES**

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**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. Use shielding to protect personnel against bursting containers.

**HAZARDOUS COMBUSTION PRODUCTS:**

Thermal decomposition products or combustion: may form carbon monoxide

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not spray near open flame. At elevated temperatures (above 54 C), aerosol containers may vent, burst, or rupture.

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## SECTION 6 ACCIDENTAL RELEASE MEASURES

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**OCCUPATIONAL RELEASE:** Remove sources of ignition, ventilate area. Use appropriate safety equipment to enter area. Allow time for vapors to be below their TLV. Add oil absorbent and clean area. Keep petroleum products out of sewers and watercourses.

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## SECTION 7 HANDLING AND STORAGE

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**STORAGE:** Store in cool, dry area out of direct sunlight. Do not puncture or incinerate, or heat full or empty containers above 54 C.

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## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### EXPOSURE LIMITS:

#### OIL MIST:

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

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

#### SYNTHETIC ISOPARAFFINIC HYDROCARBON:

300 ppm OSHA PEL

#### LIQUEFIED PETROLEUM GAS:

1,000 ppm OSHA PEL

#### ACETONE:

1,000 ppm OSHA PEL

**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.

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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** aerosol

**APPEARANCE:** mist  
**COLOUR:** water-white  
**PHYSICAL FORM:** aerosol mist  
**ODOR:** mild odor  
**BOILING POINT:** Aerosol – not applicable  
**FREEZING POINT:** Not available  
**FLASH POINT:** product - 316 C (COC); propellant - < -18 C  
**LOWER FLAMMABLE LIMIT:** 0.9% by volume  
**UPPER FLAMMABLE LIMIT:** 9.5% by volume  
**AUTO IGNITION:** Not available  
**VAPOUR PRESSURE:** Aerosol @ 54 C – 105 psig  
**VAPOR DENSITY (air=1):** >1  
**SPECIFIC GRAVITY (water=1):** 0.97 (for product)  
**DENSITY:** not available  
**WATER SOLUBILITY:** insoluble  
**pH:** not available  
**VOLATILITY:** not available  
**ODOR THRESHOLD:** not available  
**EVAPORATION RATE:** Faster (Butyl acetate=1)  
**VISCOSITY:** not available  
**COEFFICIENT OF WATER/OIL DISTRIBUTION:** not available

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## SECTION 10 STABILITY AND REACTIVITY

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**REACTIVITY:** Stable at normal temperatures and pressures

**CONDITIONS TO AVOID:** Avoid heat, flames, sparks and other sources of ignition. Avoid spraying into open flame or onto red-hot surfaces.

**INCOMPATIBLES:** Strong oxidizers

### **HAZARDOUS DECOMPOSITION:**

Thermal decomposition products or combustion: may form silicon dioxide, formaldehyde, carbon oxides

**POLYMERISATION:** Will not polymerise.

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## SECTION 11 TOXICOLOGICAL INFORMATION

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### **Dimethylpolysiloxane:**

#### **TOXICITY DATA:**

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

### **Liquefied petroleum gas:**

#### **TOXICITY DATA:**

No data available

**Synthetic isoparaffinic hydrocarbon:****TOXICITY DATA:**

No data available

**Acetone:****TOXICITY DATA:**

No data available

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**SECTION 12 ECOLOGICAL INFORMATION**

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Not available

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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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.

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**SECTION 14 TRANSPORT INFORMATION**

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**LAND TRANSPORT ADR:** No classification assigned.**LAND TRANSPORT RID:** No classification assigned.**AIR TRANSPORT IATA:** ID 8000, CONSUMER COMMODITY, Class 9, Packing Instructions – Y963**AIR TRANSPORT ICAO:** ID 8000, CONSUMER COMMODITY, Class 9, Packing Instructions – Y963**MARITIME TRANSPORT IMDG:** UN 1950, AEROSOLS (Ltd. Qty.), Class 2.1, EmS No. F-D, S-U, ERG No. 126

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**SECTION 15 REGULATORY INFORMATION**

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**EUROPEAN REGULATIONS:****EC CLASSIFICATION (CALCULATED):** Not classified as dangerous.

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**SECTION 16 OTHER INFORMATION**

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