

## 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® V-61**

**TRADE NAMES/SYNONYMS:**

**PRODUCT USE:** Synthetic lubricating grease

**CREATION DATE:** 02/11/2013

**REVISION DATE:**

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### SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

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**COMPONENT:** Polydimethyl siloxane

**CAS NUMBER:** 63148-62-9

**EC NUMBER (EINECS):** NA

**PERCENTAGE:** >80%

**COMPONENT:** Silica,amorphous, fumed-non crystalline

**CAS NUMBER:** 112945-52-5

**EC NUMBER (EINECS):** NA

**PERCENTAGE:** <20%

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### SECTION 3 HAZARDS IDENTIFICATION

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#### **POTENTIAL HEALTH EFFECTS:**

##### **INHALATION:**

**SHORT TERM EXPOSURE:** No significant effects expected from a single short-term exposure.

**LONG TERM EXPOSURE:** No known applicable information for long term exposure.

##### **SKIN CONTACT:**

**SHORT TERM EXPOSURE:** Contact with skin from a single short-term exposure is not expected to result in irritation.

**LONG TERM EXPOSURE:** Repeated or prolonged exposure may cause irritation.

##### **EYE CONTACT:**

**SHORT TERM EXPOSURE:** Contact with eyes during product use may result in mild irritation.

**LONG TERM EXPOSURE:** No information available

**INGESTION:**

**SHORT TERM EXPOSURE:** Repeated ingestion or swallowing large amounts may injure internals.

**LONG TERM EXPOSURE:** No information available.

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS):**

Health – 1

Flammability – 1

Reactivity – 0

**Special Protection:** See Section 8

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**SECTION 4 FIRST AID MEASURES**

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**INHALATION:** If signs/symptoms develop, remove person to fresh air. If signs/ symptoms persists, get medical attention.

**SKIN CONTACT:** Wash affected area with soap and water. If signs/symptoms persist, get medical attention. No need for first aid is anticipated.

**EYE CONTACT:** Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.

**INGESTION:** If irritation or discomfort occurs, obtain medical assistance.

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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 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.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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**OCCUPATIONAL RELEASE:** Environmental precautions: For large spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods: Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent. Seal the container.

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## SECTION 7 HANDLING AND STORAGE

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

**Handling:** Avoid contact with skin or inhalation of mist. See section 8 for personal protection equipment. Practice good personal hygiene to prevent accidental ingestion after handling. Properly dispose of clothing that cannot be decontaminated.

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## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Engineering Controls:** No special local ventilation needed. General ventilation recommended.

**EYE PROTECTION:** Safety glasses recommended.

**Skin:** Avoid prolonged or repeated skin contact. Wash hands after handling and before eating.

**Inhalation:** No respiratory protection required.

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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** semi-solid

**APPEARANCE:** Clear grease

**PHYSICAL FORM:** grease

**ODOR:** Nearly odorless

**BOILING POINT:** >300 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):** >10

**SPECIFIC GRAVITY (water=1):** ~1.0 g/cm<sup>3</sup>

**DENSITY:** not available

**WATER SOLUBILITY:** negligible

**pH:** not available

**VOLATILITY:** negligible

**ODOR THRESHOLD:** not available

**EVAPORATION RATE (Butyl acetate = 1):** <0.01

**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 contact with incompatible materials.

**INCOMPATIBLES:** Oxidizing agents

**HAZARDOUS DECOMPOSITION:**

Thermal decomposition products or combustion: silicon oxides, CO and CO<sub>2</sub> can form

**POLYMERIZATION:** Will not occur

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## SECTION 11 TOXICOLOGICAL INFORMATION

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Acute Toxicity: Non- toxic

Skin Sensitization: Not expected to cause skin sensitization

Chronic Toxicity: No known carcinogens, mutagens, or reproductive toxins (CMR) present

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## SECTION 12 ECOLOGICAL INFORMATION

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Chemical Fate:

Complete information is not yet available

Aquatic:

Complete information is not yet available

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## SECTION 13 DISPOSAL CONSIDERATIONS

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Reclaim if feasible. Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of product in a facility permitted to accept chemical waste.

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## SECTION 14 TRANSPORT INFORMATION

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**Class or Type: US DOT, IMO and IATA: Non-Hazardous**

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**SECTION 15 REGULATORY INFORMATION**

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**311/312 Hazard Categories:**

Fire Hazard: No

Pressure Hazard: No

Reactivity Hazard: No

Immediate Hazard: No

Delayed Hazard: No

The components of this product are in compliance with the chemical notification requirements of TSCA

California Prop 65: This product does not contain chemicals known to the State of California to cause cancer and/or birth defects.

This product does not contain nonylphenol ethoxylates or alkylphenol ethoxylates.

This product does not contain chemicals listed in Federal Regulation 6 CFR Part 27, known as "Appendix A to Part 27-DHS Chemicals of Interest".

**New Jersey Right to Know:**

Polydimethyl Siloxane 63148-62-9

Silica, amorphous, fumed 112945-52-5

No hazardous components as defined by the State of New Jersey.

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**SECTION 16 OTHER INFORMATION**

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