



Material Safety Data Sheet

Issue Date: January 9, 2013
Revised Date: March 20, 2013

Reason: Revised to Current Date

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Super Lube® Silicone Oil

Item Nos: 56104, 56101, 56105, 56504,
56501, 56505.

Product use: Lubricant

Company address:
Synco Chemical Corporation
24 DaVinci Dr., P.O. Box 405
Bohemia, NY 11716

Contact Information:
Telephone: 631-567-5300
Emergency telephone: 800-424-9300
Internet: www.super-lube.com
E-Mail: info@super-lube.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Water-white
Odor: None

WHMIS hazard class: Not Hazardous
HMIS codes: Health - 0
Fire - 1
Hazard - 0
Other - 0

Note: This is not a dangerous substance.

Relevant routes of exposure: Skin, Eyes

Potential Health Effects

Inhalation: Not an expected route of exposure.
Skin contact: Non-irritating.
Eye contact: Non-irritating.
Ingestion: Not expected to be toxic.

Existing conditions aggravated by exposure: None generally recognized.

See Section 11 for additional toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Poly(Dimethyl)Siloxane 63148-62-9	100	Not established	Not established	None

4. FIRST AID MEASURES

Inhalation:	Not an expected route of exposure. Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	After contact with skin, wipe excess with a dry cloth. Wash immediately with plenty of water (using soap, if available). Get medical attention if symptoms develop and persist.
Eye contact:	Rinse immediately with plenty of water under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	If victim is conscious, give 1-2 glasses of water to drink. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	>572° F (300° C) TCC
Auto ignition temperature:	Not available
Flammable/Explosive limits-lower %:	N/D
Flammable/Explosive limits-upper %:	N/D
Extinguishing media:	Carbon dioxide (CO2). Dry chemical. Foam.
Special fire fighting procedures:	Use water spray to cool containers.
Unusual fire or explosion hazards:	Product will burn under fire conditions.
Hazardous combustion products:	Oxides of carbon, silica, formaldehyde.
Sensitivity to mechanical impact:	Not available
Sensitivity to static discharge:	Not available

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Spilled material may make floors slippery.
Clean-up methods:	Absorb, scrape up and dispose of in accordance with local and national regulations.

7. HANDLING AND STORAGE

Handling:	Good manufacturing procedures should be followed in handling and storage.
Storage:	Keep in cool, dry area.
Incompatible products:	Oxidizing agents.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
Respiratory protection:	If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH.
Skin protection:	Oil resistant gloves.
Eye/face protection:	Safety glasses with side-shields.

See Section 3 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Water-white
Odor:	None
Odor Threshold:	Not available
Vapor pressure:	<0.08 mmHg @20°C
Flashpoint:	>300°C (cc)
Freezing point:	-50°C
Thermal conductivity:	0.16 Watt/m. °C
Specific gravity:	>0.96 @25 C (77 F)
Dielectric strength:	16 kV/mm
Dielectric constant:	2.80 @25°C
Volume resistivity:	1.10 ¹⁵ ohm/cm@25°C
Solubility in water:	Not soluble
Partition coefficient (n-octano/water):	Not available
VOC content:	Nil

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Dimethylcyclosiloxanes, Formaldehyde.
Incompatibility:	Oxidizing agents, strong acids, strong bases.
Conditions to avoid:	Heat, open flame, spark.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Not available

Toxicologically synergistic products: Not available

Refer to the following for irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Ingredient Toxicity Data & Carcinogen Status

Components	LD50s & LC50s	Other LD50s and LC50s	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	ACGIH-Carcinogen
Poly(Dimethyl)Siloxane 63148-62-9	Oral LD50 (Rat) >5000 mg/kg	Dermal LD50 (Rat) >2000 mg/kg	No	No	No	No

Literature Referenced Target Organ & Other Health Effects

Components	Health Effects/Target Organs
Poly(Dimethyl)Siloxane 63148-62-9	None

12. ECOLOGICAL INFORMATION

Ecological information: No data found for this product.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with federal and local regulations.
Not classified as EPA Hazardous Waste.

14. TRANSPORT INFORMATION

Transportation of Dangerous Goods – Ground:

Proper shipping name: Not regulated
Hazardous class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated
Hazardous class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Not regulated
Hazardous class or division: None
Identification number: None
Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

Not regulated under California Proposition 65.

SECTION 16: OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

Data prepared by Environment protection department.