

# Material Safety Data Sheet

## Silicone Grease NLGI#1



Data Prepared: October 15<sup>th</sup>, 2014

### SECTION I: IDENTIFICATION OF THE SUBSTANCE & COMPANY

Product Name: **Silicone Grease NLGI#1**  
Product Code: **NLGI#1 Grease**

Made for: **CLEARCO PRODUCTS CO. INC.,**  
15 York Road  
Willow Grove, PA 19090 U.S.A.

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**Emergency Telephone: CHEM TEL: 1-800-255-3924 (DOMESTIC)**  
**+01-813-248-0585 (INTERNATIONAL)**

General Description: Silicone Compound, Polydimethylsiloxane grease  
Physical Form: grease-like compound  
Color: Colorless

### SECTION II COMPOSITION

CAS No.	Wt. % Range	Component
63148-62-9	85-95	Polydimethylsiloxane
112945-52-5	5-15	Fumed Silica

### SECTION III EFFECTS OF OVEREXPOSURE

Eyes: Contact with eyes may cause redness. Flush eyes with copious amounts of water for 15 minutes. If irritation persists contact a physician.

Skin: Contact with skin causes no know irritation. Wash contacted areas with soap and water.

Ingestion: If ingested seek prompt medical attention. Do not induce vomiting.

### SECTION IV PROTECTIVE EQUIPMENT FOR HANDLING

Eyes: Safety Goggles or Glasses  
Skin: Gloves  
Ventilation: Not Required

### SECTION V CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure <5 mm Hg @ 25 C  
Vapor Density >1  
Soluble in Water Insoluble  
Specific Gravity 1.03  
Boiling Point: > 300 C  
Volatile Organic Compound % < 1.5 %  
pH Neutral  
Appearance Translucent paste

### SECTION VI HANDLING AND STORAGE

Handling: No special requirements  
Storage: Store in temperatures below 100 F

### SECTION VII TRANSPORT INFORMATION

Class or Type: DOT and IATA: Non-Hazardous

#### SECTION VIII SPILL AND DISPOSAL PROCEDURES

Cleaning up Spills: Use absorbent material to collect and contain material for disposal  
Recommendation of Disposal: Dispose in accordance with Federal, State and Local regulations

#### SECTION IX REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: Will Not Occur  
Incompatibilities: Strong Acids and oxidizing materials

#### SECTION X FLAMMABILITY

Flash Point: > 200°C  
Estimated HMIS Code: 100B  
Health Hazard: 1  
Flammability Hazard: 0  
Reactivity: 0  
Explosive Limits: Unknown  
Extinguishing Agents: Carbon Dioxide or dry chemical (small fires), foam or water spray  
Hazardous Products Formed: Carbon Dioxide, carbon monoxide, silicon dioxide  
by Fire

#### SECTION XI OTHER INFORMATION

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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