

# Safety Data Sheet

## 1. IDENTIFICATION:

**Product Name:** SILICONE GREASE

**Synonyms:** Silicone Lubricant

**CAS Number:** 9016-00-6

**Catalog Numbers:** 10246 W2T9097 AAB8147

**Product Use:** Analytical / Laboratory Reagent

**Manufacturer:** HF Scientific, Inc

**Address:** 3170 Metro Parkway Fort Myers, FL 33916

**General Information:** 888-203-7248

**Transportation Emergency Number:** CHEMTREC® 24 hr US 800-424-9300

CHEMTREC® 24 hr International 703-527-3887

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Health	Environmental	Physical
Acute toxicity: Category 5 Skin irritation: Category 3 Eye irritation: Category 2B	Aquatic toxicity: None	Flammable: No

### GHS Label

Pictogram: None	Signal Word: WARNING
<b>Hazard Statements:</b> May be harmful if swallowed May be harmful in contact with skin Causes mild skin irritation Causes eye irritation	<b>Precautionary Statements</b> IF IN EYES immediately flush eyes gently with copious quantities of water for a minimum of 15 minutes. Get medical attention if irritation develops.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Polydimethylsiloxane	9016-00-6	100%

## 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes gently with copious quantities of water for a minimum of 15 minutes. Get medical advice if irritation develops.

**Skin Contact:** Flush contaminated area with copious quantities of water for 15 minutes, follow with soap and water.

**Inhalation:** Inhalation of the chemical is not expected.

**Ingestion:** Drink several glasses of water and get medical advice.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, water or foam

**Fire Fighting Procedures:** Wear self-contained breathing apparatus with full face plate and protective clothing.

**Unusual Fire and Exposure Hazards:** N/A

**Combustion Products:** N/A

**NFPA Classification HEALTH:** 1 **FLAMMABLE:** 0 **REACTIVITY:** 0

## 6. ACCIDENTAL RELEASE MEASURES

Spills should be diked and collected in a suitable container for disposal in accordance with appropriate regulations. Spills large and small will make floor surfaces very slippery. Releases into surface waters may cause conspicuous foaming.

## 7. HANDLING AND STORAGE

**Handling:** Wash well after handling.

**Storage:** Keep tightly closed. Inside storage that is dry and well ventilated. No unusual handling practices are required.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** N/A

**Engineering Controls:** Not required in normal use.

**Personal Protective Equipment:**

**Eyes:** Safety glasses or goggles or face shield

**Skin:** Rubber gloves may be worn to prevent skin drying.

**Respiratory:** Not required in normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Flashpoint:** Organic solid, so fire is possible at elevated temperature or contact with ignition source.

**Autoignition Temperature:** N/A

**Boiling Point:** N/A

**Melting Point:** 300°C

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**% Solubility in Water:** Not soluble

**Pour Point:** N/A

**Molecular Formula:** (C<sub>2</sub>H<sub>6</sub>OSi)<sub>n</sub>

**Odor / Appearance:** Odorless, transparent pseudoplastic solid

**Lower Flammability Limit:** N/A

**Upper Flammability Limit:** N/A

**Specific Gravity:** 0.99

**% Volatile:** N/A

**Evaporation Rate (Water=1):** N/A

**Viscosity:** N/A

**Octanol / Water Partition Coefficient:** N/A

**pH:** N/A

**Molecular Weight:** N/A

## 10. STABILITY AND REACTIVITY

**Stability / Incompatibility:** Stable under ordinary conditions of use and storage. Not known incompatibilities or conditions to avoid.

**Hazardous Reactions / Decomposition Products:** Carbon dioxide, carbon monoxide and silicone dioxide when heated to decomposition. Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Symptoms of Overexposure:** Very slight irritation of eyes, skin, respiratory and gastrointestinal systems.

**Acute Effects:** Slight irritant. Extremely large oral doses may produce gastrointestinal disturbances

**Eye Contact:** Slight irritation of the eyes

**Skin Contact:** Slight irritation of skin

**Inhalation:** Slight irritation of respiratory tract

**Ingestion:** Slight irritation of gastrointestinal tract

**Target Organs Effects:** N/A

**Chronic Effects:** N/A

**Medical Conditions Aggravated by Exposure:** Preexisting skin disorders, eye problems or respiratory problems.

**Acute Toxicity Values:** N/A

## 12. ECOLOGICAL INFORMATION

**Environmental Fate:** Not Determined.

**Environmental Toxicity:** Not Determined.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable federal, state and local environmental regulations

## 14. TRANSPORT INFORMATION

**US DOT (United States Department of Transportation):** Not regulated

**IATA (International Air Transport Association):** Not regulated

**IMO (International Maritime Organization):** Not regulated

## 15. REGULATORY INFORMATION

**CERCLA:** No

**SARA/Title III:** No

**TSCA Inventory:** 8a PAIR / 8d

**Cal. Proposition 65:** N/A

**WHMIS:** No

**DSL:** Yes

**NDSL:** NO

## 16. OTHER INFORMATION

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