SG-ONE™ (Light & Heavy)
Silicone Grease w/PTFE
SAFETY DATA SHEET

Section 1- Product and Company Identification

Product type: Silicone Grease

Manufacture / Supplier: Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

Phone: 847-455-2300
Fax: 847-455-2371
Web: antiseize.com
Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)
1-352-323-3500 (International)
Date: December 20, 2018

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Label Elements: None

Signal word: None

Hazard Phrases: None

Precautionary Phrases:
Wash thoroughly after handling.

Response:
Skin: wash with soap and water, using a nail brush. Pay particular attention to finger nails and open wounds.

Eyes: flush eye with water for 15 minutes, lifting the eyelids. If irritation persists consult a physician.

Ingestion: not a likely route of exposure, do not induce vomiting. Use a gastric lavage, and call a poison control center or a physician.

Inhalation: No significant effects expected from a short term exposure.

Storage:
When not in use keep container closed
Keep away from children

Other Hazards: No further information
### Section 3- Composition/ Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>70-95</td>
</tr>
<tr>
<td>PTFE</td>
<td>9002-84-0</td>
<td>1-5</td>
</tr>
</tbody>
</table>

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

### Section 4 – First Aid Measures

**Eye:** Rinse opened eye for several minutes under running water. If symptoms persist, get medical attention.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

**Ingestion:** Rinse mouth with water. Do not induce vomiting.

**Most Important symptoms and effects, both acute and delayed:** Respiratory tract irritation, eye irritation.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical. Dry chemical is preferred.

**Special Hazards Arising from the Product:** None anticipated.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**
Use appropriate personal protection equipment. If fumes are present, wear a NIOSH approved respirator. Wear protective gloves. Wipe up or scrape up and contain for disposal. Dispose of saturated absorbent or cleaning materials appropriately.

**Environmental Hazards:** Spilled material, even in small quantities, may present a slip hazard. Scrape us as much material as possible. Spilled materials will solidify over time. Dispose of in accordance with appropriate Local, State and Federal guidelines.

**Methods and Materials for Containment and Clean up.**
Use absorbent materials, scrape up excess material for proper disposal.

### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Do not take internally. Do not handle contact lenses until all materials are removed from hands.

**Conditions for Safe Storage, Including any Incompatibilities.**
Use reasonable care and store away from oxidizing materials. Store away from heat, sparks or open flames. Keep container closed when not in use.

**Section 8 – Exposure Controls / Personal Protection**

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polydimethysiloxane</td>
<td>Not established</td>
<td>Not established</td>
<td></td>
</tr>
<tr>
<td>PTFE</td>
<td>15mg/m3 (as mist)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Engineering controls:** Use local ventilation if air movement is not adequate to maintain air quality below established exposure limits.

**Individual Protection Measures:**

**Respiratory Protection:** Normally not required under standard conditions of use.

**Eye/Face Protection:** Safety glasses with side splash shields are recommended.

**Skin Protection:** If prolonged or repeated exposure is expected, wear chemical resistant gloves such as vinyl or neoprene.

**Section 9 – Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Translucent, viscous grease</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Mild vinegar-like odor</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>No data</td>
</tr>
<tr>
<td><strong>Melting Point/Freezing Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>No Data</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>&gt;482°F (COC)</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>LEL</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>UEL</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>VOC Content</strong></td>
<td>&lt;0.1</td>
</tr>
</tbody>
</table>

**Other Properties:**

- **Vapor Density (air = 1):** Not available
- **Specific Gravity:** 1.1
- **Water Solubility:** Not soluble
- **Octanol/Water Partition Coefficient:** Not available
- **Autoignition Temperature:** Not available
- **Decomposition Temperature:** Not available
- **Viscosity:** Not available
- **Explosion Properties:** None
- **Oxidizing Properties:** Not oxidizing

**Section 10 – Stability and Reactivity**

**Reactivity:** Product is stable

**Chemical stability:** Stable under normal storage and handling conditions.

**Conditions to avoid:** No further information.

**Incompatible Materials:** Strong Oxidizing agents and acids

**Hazardous Decomposition Products:** Do not use this product at temperatures exceeding 450°F as small amounts of formaldehyde can potentially form. Thermal breakdown of this product during fire or very high heat conditions may evolve Carbon oxides and traces of incompletely burned carbon compounds.

**Section 11 – Toxicological Information**

Polydiemethylsiloxane: Oral LD50, Rat, >15,400 mg/kg
Section 12 – Ecological Information

Ecotoxicity effects  No adverse effects on aquatic organisms

Persistence and degradability  Solid material that is insoluble in water. No adverse effects are predicted.

Bioaccumulation  No bioaccumulation potential

Section 13 – Disposal Consideration

Waste disposal: Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

Section 14 – Transport Information

DOT
Proper Shipping Name: Not Regulated
DOT Hazard Class: None
UN Number: None
Packing Group: None

IMDG
Shipping Description: Not Regulated
Hazard Class: None
Identification Number: None
Packing Group: None

ICAO/IATA
Shipping Description: Not Regulated
ID Number: Not Regulated
Hazard Class: Not Regulated
Packing Group: None

Section 15 – Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not Hazardous

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product is not known to contain listed chemicals.

Section 16 – Other Information:

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.