



ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

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: Jan 26, 2015

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Not hazardous in accordance with the OSHA Hazard Communication Standard (29CFR 1910.1200).

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

Ingredient	CAS #	%
Polydimethylsiloxane	63148-62-9	70-95
PTFE	9002-84-0	1-5

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 up 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

Hazardous Component	ACGIH TLV	OSHA PEL	OTHER
Polydimethylsiloxane	Not established	Not established	
PTFE	15mg/m3 (as mist)		

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

Appearance: Translucent , viscous grease	Vapor Density (air = 1): Not available
Odor: Mild vinegar like odor	Specific Gravity: 1.1
Odor Threshold: Not established	Water Solubility: Not soluble
pH: No data	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available
Boiling Point: No Data	Decomposition Temperature: Not available
Flash Point: >482°F (COC)	Viscosity: Not available
Evaporation Rate: Not available	Explosion Properties: None
Flammable Limits: LEL: Not established UEL: Not established	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	
VOC Content: <0.1	

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: Thermal breakdown of this product during fire or very high heat conditions may evolve Carbon oxides and traces of incompletely burned carbon compounds. Silicon Dioxides, Formaldehyde.

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.