



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

## AST Food Grade Silicone Spray SAFETY DATA SHEET

### Section 1- Product and Company Identification

**Product Code:** 17065

**Manufacture/Supplier :** Anti-Seize Technology  
2345 N. 17<sup>th</sup> 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 )  
**Web:** infotrac.net

**Product Use:** General lubrication

**Date:** Jan 2018

### Section 2-Hazard Identification

**GHS Classification ( Hazcom 2012):**

Aerosol- Category 1  
Skin irritation, Category 2  
Eye irritation, Category 2A  
Aspiration Hazard, Category 1  
Gases under pressure-compressed gas  
STOT-Single Exposure (narcotic effects)-Category3

**Label Elements:**



**Signal word:**  
DANGER

**Hazard Phrases:**

H222,H229—Extremely flammable aerosol, Pressurized container may burst if heated  
H304—May be fatal if swallowed and enters airways  
H319—Causes serious eye irritation

H315—Causes skin irritation  
H336—May cause drowsiness or dizziness

**Precautionary Phrases: General**

P101—If medical advice is needed, have product container or label at hand  
P102—Keep out of reach of children.  
P103—Read label before use.

**Precautionary Phrases: Prevention**

P210—Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking  
P211—Do not spray on an open flame or other ignition source  
P251—Do not pierce or burn, even after use.  
P264—Wash thoroughly after handling.  
P280—Wear protective gloves/protective clothing/eye protection, face protection.  
P261- Avoid breathing gas/mist /vapor/spray  
P271—Use only outdoors or in a well ventilated area

**Precautionary Phrases: Response**

P301+P310-IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331- Do NOT induce vomiting  
P305+P351+P338—IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.  
P337+P313—If eye irritation persists, get medical advice/attention.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water  
P332+P313—If skin irritation occurs: get medical advice/ attention  
P362+P364-Take off contaminated clothing and wash it before reuse.  
P304+P340- IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312—Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage:**

P403—Store in a well ventilated place  
P405—Store lock up  
P410—Protect from sunlight  
P412—Do not expose to temperatures exceeding 50°C/122°F.

**Disposal:** Dispose of contents in accordance with local, regional and national regulations.

**Section 3- Composition/ Information on Ingredients**

CHEMICAL	CAS NUMBER	PERCENT
ACETONE	67-64-1	24-48
PETROLEUM GASES, LIQUIFIED, SWEETENED	68476-86-8	20-40
n-HEPTANE	142-82-5	11-27
SILICONE	63148-62-9	5-9

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

#### Section 4 – First Aid Measures

**Eye:** Flush eyes with water, holding the eyelids apart, remove contact lenses if present and easy to do. Rinse for 15-20 minutes. Get medical attention if irritation develops or persists.

**Skin:** Wash thoroughly with plenty of water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention. Eliminate all sources of ignition.

**Ingestion:** Rinse mouth, do NOT induce vomiting, if vomiting occurs naturally lie on your side. If large amounts ingested, seek immediate medical attention.

**Most important symptoms and effects, both acute and delayed:** None known.

**Indication of any immediate medical attention and special treatment needed:** May result in drowsiness or dizziness if adequate ventilation is lacking. Immediate medical attention required if ingested. Call a POISON CENTER/ doctor.

#### Section 5 – Fire Fighting Measures

**Suitable and Unsuitable Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical. Do not use water and foam on the same surface, as water destroys the foam.

**Special Hazards Arising from the Chemical:** Eliminate all sources of ignition and open flames. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

**Special Equipment and Precautions for Fire-Fighters:** Contents under pressure. Containers may rupture or burst when heated. Isolate hazard area, remove all sources of ignition. Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Dispose of debris and contaminated water in accordance with all official regulations.

#### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Flammable/combustible material. Remove all unnecessary personnel, immediately eliminate all sources of ignition and open flames. Wear appropriate personal protective equipment. Use caution: slip hazard, do not walk through or touch hazard area unless in proper personal protective equipment. Use absorbent material to clean up spill and put into suitable container for disposal in accordance with all official regulations.

**Environmental Hazards:** Report spills and releases as required to appropriate authorities. Prevent any spilled materials, or containers from entering waterways, sewers, storm drains or other drainage systems.

**Methods and Material for Containment and Cleaning Up:** Eliminate all sources of ignition using explosion proof equipment. Do not touch materials or damaged containers without the use of personal protective equipment. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

#### Section 7 – Handling and Storage

**Precautions for Safe Handling:** For industrial use only, for use by trained personnel only, keep away from children and wash hands after use. Avoid contact with eyes. Avoid breathing vapors and mists. Use with

adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Do not smoke while using.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight. Do not cut, drill, grind, weld or smoke near product or containers. Do not pressurize containers, keep away from all sources of ignition. Keep containers closed when not in use.

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

CHEMICAL NAME	EXPOSURE LIMITS
ACETONE	1000 ppm OSHA TWA 250 ppm NIOSH TWA 500 ppm ACGIH TWA
PETROLEUM GASES, LIQUEFIED, SWEETENED	2000 mg/m <sup>3</sup> , OSHA TWA 500 ppm OSHA TWA
n-HEPTANE	500 ppm OSHA TWA 85 ppm NIOSH TWA 400 ppm ACGIH

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

**Individual Protection Measures:**

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

**Section 9 – Physical and Chemical Properties**

<b>Appearance:</b> Clear liquid aerosol	<b>Vapor Density (air = 1):</b> Not available
<b>Odor:</b> Mild	<b>Specific Gravity:</b> 0.7
<b>Odor Threshold:</b> Not established	<b>Water Solubility:</b> Not soluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Melting Point/Freezing Point:</b> Not available	<b>Autoignition Temperature:</b> Not available
<b>Boiling Point:</b> 1°F to 157°F	<b>Decomposition Temperature:</b> Not available

<b>Flash Point:</b> Below 73°F	<b>Viscosity:</b> Not available
<b>Evaporation Rate:</b> Slower than ether	<b>Explosion Properties:</b> None
<b>Flammable Limits:</b> LEL: 1.9 UEL: 8.5	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure:</b> Not established	<b>Aerosol Fire Protection Level:</b> Not available
<b>VOC Content:</b> 58.99% <b>VOC:</b> 3.49 lb/gal	<b>Flammability (solid, gas):</b> Flashpoint below 73°F

**Section 10 – Stability and Reactivity**

**Reactivity:** Not reactive under normal conditions of use.

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

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Use with strong oxidizing chemicals such as concentrated acids.

**Incompatible Materials:** Avoid strong oxidizing agents and acids.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating including carbon monoxide and carbon dioxide.

**Section 11 – Toxicological Information**

**Long term Toxicological testing has not been performed on this product.**

**Section 12 – Ecological Information**

**Long term Ecological testing has not been performed on this product.**

**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 landfilled at an approved facility. Do not cut, glaze, weld, or use for any other purpose.

**Section 14- Transport Information**

**DOT Proper Shipping Name:** UN1950, Aerosols, 2.1, Limited Quantity

**DOT Technical Name:** None

**DOT Hazard Class:** 2.1

**UN Number:** UN1950

**DOT Labels Required (49CFR172.101):** LTD QTY

**IMDG Shipping Description:** UN1950, Aerosols, 2.1, FP -17 C, Limited Quantity, Marine Pollutant

**ID Number:** UN1950

**Hazard Class:** 2.1

**Packing Group:** None

**Labels Required:** None  
**Marking Required:** Limited Quantity Mark  
**Placards Required:** Limited Quantity and Marine Pollutant Mark On Transport Containers

**ICAO/IATA**  
**Proper shipping name:** Aerosol, Flammable  
**Hazard Class:** 2.1  
**Identification Number:** UN 1950  
**Packing Group:** None

**Section 15 – Regulatory Information**

**The following components are listed under SARA 312 Title III:** Acetone, Propane, Isobutane, Butane, n-Heptane

**The following components are listed under SARA 313 Title III:** None

**The following components are listed under TSCA:** Acetone, Propane, Isobutane, Butane, n-Heptane,

**The following components are listed under RCRA:** Acetone

**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.