



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

AST™ INDUSTRIAL GRADE SILICONE SPRAY SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17067

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)
Web: infotrac.net

Product Use: Spray lubricant

Date: Jan 12, 2018

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Specific Target Organ Toxicity-Single Exposure (narcotic effects) , Category 3

Specific Target Organ Toxicity- Repeated Exposure-Category 2

Aspiration Hazard, Category 1

Skin irritation, Category 2

Aerosol-Category 1

Eye irritation, Category 2A

Reproductive Toxicity-Category 2

Flammable Aerosol, Category 1

Chronic aquatic toxicity, Category 3

Label Elements:



Signal word:
DANGER

Hazard Phrases:

H225—Highly flammable liquid and vapor

H222,H229—Extremely flammable aerosol, pressurized container may burst if heated.

H336—May cause drowsiness or dizziness

H373—May cause damage to organs through prolonged or repeated exposure
H304—May be fatal if swallowed and enters airways
H315—Causes skin irritation
H319—Causes serious eye irritation
H361—Suspected of damaging fertility or the unborn child.
H412—Harmful to aquatic life with long lasting effects

Precautionary Phrases:

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 Statements – Prevention:

P210—Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273—Avoid release to the environment
P280—Wear protective gloves/protective clothing/ eye protection/ face protection.
P211—Do not spray on an open flame or other ignition source.
P251—Do not pierce or burn, even after use.
P261—Avoid breathing fume/gas/mist/vapors/spray.
P271—Use only outdoors or in a well-ventilated area
P260 Do not breath dust/fume/gas/mist/vapor/spray
P264—Wash thoroughly after handling
P202—Do not handle until all safety precautions have been read and understood.

Response:

P303+P361+P353—**IF ON SKIN:** Take off immediately all contaminated clothing.
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.
P314—Get medical advice/attention if you feel unwell.
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 easy to do so.
P337+P313—If eye irritation persists: Get medical advice/attention.
P308+P313—IF exposed or concerned: get medical advice/attention.
P370+P378—In case of fire: Use water fog, dry chemical or carbon dioxide to extinguish

Storage:

P235—Keep cool.
P403—Store in a well ventilated place
P403+P405—Store in a well ventilated place. Store locked up.
P410—Protect from sunlight
P412—Do not expose to temperatures exceeding 50C/122F.

Disposal:

P501—Dispose of contents and container in accordance with all local, regional, national and international regulations.

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
ACETONE	67-64-1	10-30
HEXANE	110-54-3	10-25
BUTANE	106-97-8	13-23
PROPANE	74-98-6	5-11
ISOBUTANE	75-28-5	5-11
ISOPARAFFINIC PETROLEUM DISTILLATE	64742-47-8	4-10
SILICONE	63148-62-9	3-6

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. 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.

Ingestion: If large amounts ingested, seek medical attention.

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

Indication of any immediate medical attention and special treatment needed: Immediate medical attention generally not required.

Section 5 – Fire Fighting Measures

Suitable and Unsuitable Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical.

Special Hazards Arising from the Chemical: This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. 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: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: 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: 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.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
ACETONE	1000 ppm OSHA TWA 250 ppm NIOSH TWA 500 ppm ACGIH TWA
BUTANE	800 ppm NIOSH TWA 1000 ppm ACGIH TWA
HEXANE	500 ppm OSHA TWA 50 ppm NIOSH TWA 50 ppm ACGIH
ISOBUTANE	800 ppm NIOSH TWA 1000 ppm ACGIH
PROPANE	1000 ppm OSHA TWA 1000 ppm NIOSH TWA

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

Appearance: Clear colored liquid, aerosol	Vapor Density (air = 1): No Data
Odor: Slight	Specific Gravity: 0.8
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not

	available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available
Boiling Point: 1.75°F (low) 388°F (high)	Decomposition Temperature: Not available
Flash Point: Not available	Viscosity: Not available
Evaporation Rate: slower than ether	Explosion Properties: None
Flammable Limits: LEL: Not available UEL: Not available	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	
VOC Content: 58.9%	Flammability (solid, gas): Gas

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.

Section 11 – Toxicological Information

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

Potential Health Effects:

Eye: May cause mild irritation.

Skin: Prolonged contact may cause mild irritation of the skin.

Inhalation: No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation .

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

Chronic Hazards: Prolonged inhalation of thermal decomposition products may result in lung damage.

Carcinogen Status: None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

Section 12 – Ecological Information

Long term Toxicological 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.

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

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

The following components are listed under TSCA: Acetone, Propane, Isobutane, Butane

The following components are listed under RCRA: Acetone

California Proposition 65:  **WARNING:** This product can expose you to Hexane which is known to the State of California to cause male reproductive toxicity. For more information go to www.P65warnings.ca.gov

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.