



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

## FOOD MACHINERY LUBE ,AEROSOL SAFETY DATA SHEET

### Section 1- Product and Company Identification

**Product Code:** 17060

**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:** FOOD GRADE LUBRICANT

**Date:** March 22, 3019

### Section 2-Hazard Identification

**GHS Classification ( Hazcom 2012):**

Flammable Aerosol, Category 1

Gases under pressure-compressed gas

**Label Elements:**



**Signal word:**

Danger

**Hazard Phrases:**

Extremely flammable aerosol

Contains gas under pressure: may explode if heated

**Precautionary Phrases:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Do not spray on an open flames or other ignition source.

Pressurized Container: Do not pierce or burn, even after use

Store in well Ventilated place

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F

**Response:****IF INHALED:** remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell.

**IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician.Do **NOT** induce vomiting**IF ON SKIN:** Wash with plenty of soap and water.

If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash before reuse.

**Storage:**

Store in a well ventilated place

Protect from sunlight

Do not expose to temperatures exceeding 50°C/122°F

**Disposal:**

Dispose of contents in accordance with local, regional, national and international regulations.

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

| CHEMICAL          | CAS NUMBER | PERCENT |
|-------------------|------------|---------|
| WHITE MINERAL OIL | 8042-47-5  | 60-90   |
| PROPANE           | 74-98-6    | 4%-10%  |
| BUTANE            | 106-97-8   | 2%-5%   |
| ISOBUTANE         | 75-28-5    | 2%-5%   |

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 contacts lenses if easy to do so. Get medical attention if irritation develops or persists.**Skin:** Wash thoroughly with plenty of water. Get medical attention if irritation persists. Remove all contaminated clothing and wash thoroughly before reuse.**Inhalation:** Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention from a poison control center or doctor. Eliminate all ignition sources if possible.**Ingestion:** Rinse mouth, do NOT induce vomiting. Call a poison center/doctor. If vomiting occurs naturally lie person on side in a recovery position. Never give anything to an unconscious or convulsing person by mouth.**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. Carbon dioxide can displace oxygen, use with caution in confined spaces. Do not use water and foam on the same surface as water destroys the foam.

**Special Hazards Arising from the Chemical:** Contents under pressure, keep away from sources of ignition and open flames. If containers exposed to extreme heat they are susceptible to rupturing, often with violent force. In fire, will decompose to form carbon dioxide and carbon monoxide.

**Special Equipment and Precautions for Fire-Fighters:** Wear a protective pressure self contained breathing apparatus (SCBA) and full turnout gear.

#### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment. Use caution: slip hazard. ELIMINATE all sources of ignition in immediate area, keep unnecessary people away, isolate hazard area. Use absorbent sweeping compound to soak up material and put in proper container for disposal.

**Environmental Hazards:** Report spills and releases as required to appropriate authorities. Prevent spilled material from entering sewers, storm drains, or other drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

**Methods and Material for Containment and Cleaning Up:** Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Keep from entering waterways and sewers.

#### Section 7 – Handling and Storage

**Precautions for Safe Handling:**

For industrial use only  
Keep away from children  
Wash hands after use  
Do not get in eyes, on skin or clothing  
Do not eat, drink, or smoke in work areas

**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. Keep containers tightly closed and properly labeled. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous. Do not cut, drill, grind, weld near containers.

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

| CHEMICAL NAME     | EXPOSURE LIMITS   |
|-------------------|---|
| WHITE MINERAL OIL | 5mg/m <sup>3</sup> , ACGIH TLV, TWA, 8 hr. inhalable fraction<br>5mg/m <sup>3</sup> , OSHA PEL, TWA, 8 hr. inhalable fraction |
| BUTANE            | 800 ppm NIOSH TWA<br>1000 ppm ACGIH TWA   |
| PROPANE           | 1000 ppm OSHA TWA<br>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 29 CFR 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact . Wear a long sleeved shirt, pants and other protective clothing to minimize skin contact. Avoid unnecessary skin contact.

**Eye Protection:** Safety glasses or goggles with side shields are recommended where needed to avoid eye contact. Contact lenses may absorb irritants and cause corneal damage.

**Section 9 – Physical and Chemical Properties**

|  |   |
|--|---|
| <b>Appearance:</b> Clear colored liquid, aerosol | <b>Vapor Density (air = 1):</b> No data                   |
| <b>Odor:</b> odorless                            | <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> -60°C       | <b>Autoignition Temperature:</b> 354°C                    |
| <b>Boiling Point:</b> 260°C                      | <b>Decomposition Temperature:</b> Not available           |
| <b>Flash Point:</b> -104°C, propellant           | <b>Viscosity:</b> Not available                           |
| <b>Evaporation Rate:</b> Slower than ether       | <b>Explosion Properties:</b> None                         |
| <b>Vapor Pressure:</b> No Data                   |   |
| <b>VOC Content:</b> 30% ( 1.87 lb/gal)           | <b>Flammability (solid, gas):</b> 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:** In fire, will decompose to carbon dioxide, carbon monoxide.

## Section 11 – Toxicological Information

### Potential Health Effects:

**Eye:** May cause mild irritation, redness and a burning sensation.

**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.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Acute Toxicity:** Inhalation: overexposure may cause irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme over exposure may cause unconsciousness and possibly death.

## Section 12 – Ecological Information

**Ecotoxicity:** Not available

**Bioaccumulative Potential:** Not available

**Mobility in Soil:** Not available

**Other Adverse Effects:** Not available

## 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, grind, pressurize, weld, glaze empty containers as they may contain product residue.

## 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, **Hazard Class:** 2.1

**Packing Group:** None

**Labels Required:** None

**Marking Required:** Limited Quantity Mark

**Placards Required:** Limited Quantity

**ICAO/IATA**

**Proper shipping name:** Aerosol, Flammable

**Hazard Class:** 2.1  
**Identification Number:** UN 1950  
**Packing Group:** None

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| <b>Section 15 – Regulatory Information</b> |
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**SARA Hazard Category (311/312):** Fire Hazard, Pressure Hazard, Acute Health

**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.

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| <b>Section 16 – Other Information:</b> |
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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.