Product Code: 17063

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

Phone: 847-455-2300
Fax: 847-455-2371
Web: antisize.com

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)
1-352-323-3500 (International)
Web: infotrac.net

Product Use: Penetrating oil
Restriction of Use: Not Determined

Date: December 6, 2017

GHS Classification (Hazcom 2012):
Flammable aerosol Category 1
Gas under pressure, Dissolved gas
Skin Corrosion/irritation, Category 3
Eye Damage/irritation, Category 2B
Aspiration Hazard, Category 1

Label Elements:

Signal word:
Danger

Hazard Phrases:
Extremely flammable aerosol
Contains gas under pressure; may explode if heated
May be fatal if swallowed and enters airways
Causes mild skin irritation
Causes eye irritation
Precautionary Phrases:

Prevention:
Keep away from heat/sparks/open flames/hot surfaces-No smoking
Do not spray on an open flame or other ignition sources
Pressurized container-Do not pierce or burn even after use
Wash hands thoroughly after handling

Response:
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-
continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN: Wash with soap and water. If skin irritation occurs: Get medical attention.

Storage:
Store locked up
Protect from sunlight. Store in well ventilated place
Do not expose to temperatures exceeding 50°C/122°F

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

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum oil</td>
<td>64742-52-5</td>
<td>25-50</td>
</tr>
<tr>
<td>Oleic Acid</td>
<td>112-80-1</td>
<td>1-5</td>
</tr>
<tr>
<td>Methyl Isobutyl Ketone</td>
<td>108-10-1</td>
<td>25-50</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</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 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: Closed containers may explode from internal pressure build-up
when exposed to extreme heat and discharge contents. Liquid content of container will support combustion.
Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent.
Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide and other
toxic fumes.

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: Repeated exposure may cause skin dryness
or cracking. May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed: None Known
**Special Equipment and Precautions for Fire-Fighters:** Water may be used to cool containers to prevent pressure build-up

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### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment. Avoid breathing vapors. Ventilate area. Remove all ignition sources.

**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.

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### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Do not puncture or incinerate (burn) cans. Do not stick pins, nails or any other sharp objects into opening on the top of the can. Do not spray in eyes. Do not take internally. See product label for additional information.

**Conditions for Safe Storage, Including any Incompatibilities:** Store away from extreme heat and open flames. Do not store above 120°F.

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### Section 8 – Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum oil</td>
<td>5mg/m³ (as mist), OSHA PEL 5mg/m³ (as mist) ACGIH TLV</td>
</tr>
<tr>
<td>Oleic Acid</td>
<td>Not established</td>
</tr>
<tr>
<td>Methyl Isobutyl Ketone</td>
<td>100 ppm, OSHA PEL 20ppm, ACGIH TLV 75ppm ACGIH, STEL</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>5000 ppm, OSHA TWA, 8 hrs. 5000 ppm, ACGIH TWA, 8 hrs. 30,000 ppm ACGIH STEL, 15 minutes</td>
</tr>
</tbody>
</table>

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits.

**Individual Protection Measures:**

**Respiratory Protection:** None under normal use. Avoid breathing vapors. 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.

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.
### 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>Aerosol product</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>Solvent</td>
</tr>
<tr>
<td><strong>Odor Threshold:</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting Point/Freezing Point:</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Boiling Point:</strong></td>
<td>No determined</td>
</tr>
<tr>
<td><strong>Flash Point:</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>Slower than ether</td>
</tr>
<tr>
<td><strong>Flammable Limits:</strong></td>
<td></td>
</tr>
<tr>
<td>LEL:</td>
<td>Not established</td>
</tr>
<tr>
<td>UEL:</td>
<td>Not established</td>
</tr>
<tr>
<td><strong>Vapor Pressure:</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Water Solubility:</strong></td>
<td>Not soluble</td>
</tr>
<tr>
<td><strong>Specific Gravity:</strong></td>
<td>0.8</td>
</tr>
<tr>
<td><strong>Vapor Density (air = 1):</strong></td>
<td>Heavier than air</td>
</tr>
<tr>
<td><strong>Octanol/Water Partition Coefficient:</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Autoignition Temperature:</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Decomposition Temperature:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Explosion Properties:</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Oxidizing Properties:</strong></td>
<td>Not oxidizing</td>
</tr>
<tr>
<td><strong>Aerosol Fire Protection Level:</strong></td>
<td>Level 3 aerosol</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas):</strong></td>
<td>Gas</td>
</tr>
</tbody>
</table>

### 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

**Incompatible Materials:** No data

**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 studies have not been conducted for this product.

### Section 12 – Ecological Information

Long term ecological studies have not been conducted for 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. Refer to other sections of this document for hazard cautionary information.
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
Marking Required: Limited Quantity Mark
Labels Required: None
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

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

CERCLA Hazardous Substances (Section 103)/RQ: None

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.

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 this product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.