ALL-PURPOSE 4-WAY™, Aerosol Lubricant / Penetrant
SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17061

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: Multi-purpose lubricant and penetrating oil.

Restriction of Use:

Date: December 6, 2017

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):
Flammable Aerosol Category 1
Gases Under Pressure – Compressed Gas
May cause serious Eye Irritation, Category 3
Skin irritation, Category 2B
Aspiration Hazard, Category 2

Label Elements:

Signal word:
DANGER

Hazard Phrases:
Extremely Flammable aerosol.
Contains gas under pressure; may explode if heated.
 Causes eye irritation.
May cause skin irritation.
May be harmful if swallowed and enters airway.
Precautionary Phrases:
Prevention
Keep away from heat/sparks/open flames/hot surfaces-No smoking
Do not spray on an open flame or other ignition source.
Wash hands thoroughly after handling.
Pressurized container: Do not pierce or burn, even after use.

Response
IF IN EYES: Rinse cautiously 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 plenty of water.
If skin irritation occurs: Get medical attention.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell.

Storage
Store in a well-ventilated place.
Store locked up.
Protect from sunlight.
Do not expose (store) at temperatures exceeding 50°C / 122°F.

Disposal
Dispose of contents in accordance with local, regional and national regulations.
Other Hazards: None

Section 3 - Composition/ Information on Ingredients

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates</td>
<td>8052-41-3</td>
<td>20-40</td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>64742-47-8</td>
<td>20-40</td>
</tr>
<tr>
<td>2 butoxyethanol (skin)</td>
<td>111-76-2</td>
<td>5-16</td>
</tr>
<tr>
<td>Petroleum oil</td>
<td>64742-52-5</td>
<td>5-15</td>
</tr>
<tr>
<td>Proprietary Ingredients</td>
<td>Proprietary</td>
<td>5-15</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>5-15</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates ( 64742-47-8)</td>
<td>Not established</td>
</tr>
<tr>
<td>Petroleum Distillates ( 8052-41-3)</td>
<td>OSHA PEL 400ppm</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 400 ppm</td>
</tr>
<tr>
<td>2 butoxyethanol ( skin)</td>
<td>OSHA PEL 50ppm</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 20 ppm</td>
</tr>
<tr>
<td>Petroleum oil64742-52-5) as mist</td>
<td>OSHA PEL 5mg/m3</td>
</tr>
<tr>
<td>Proprietary Ingredients</td>
<td>Not established</td>
</tr>
<tr>
<td>Propane</td>
<td>ACGIH TLV 1000 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance: Amber colored liquid</td>
<td>Vapor Density (air = 1): 4.0</td>
</tr>
<tr>
<td>Odor: slight odor</td>
<td>Specific Gravity: 0.8</td>
</tr>
<tr>
<td>Odor Threshold: Not established</td>
<td>Water Solubility: Limited</td>
</tr>
<tr>
<td>pH: Not available</td>
<td>Octanol/Water Partition Coefficient: Not available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point: No Data</td>
<td>Autoignition Temperature: Not available</td>
</tr>
<tr>
<td>Boiling Point: No Data</td>
<td>Decomposition Temperature: Not available</td>
</tr>
<tr>
<td>Flash Point: Extremely flammable aerosol</td>
<td>Viscosity: Not available</td>
</tr>
<tr>
<td>Evaporation Rate: Slower than ether</td>
<td>Explosion Properties: None</td>
</tr>
<tr>
<td>Flammable Limits; LEL: 0.9 UEL: 2.2</td>
<td>Oxidizing Properties: Not oxidizing</td>
</tr>
<tr>
<td>Vapor Pressure: Not established</td>
<td>Aerosol Fire Protection Level: Level 3 aerosol</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

**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

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

**Ecotoxicity:** No Data

**Bioaccumulative Potential:** No Data

**Mobility in Soil:** No Data

**Other Adverse Effects:** No Data

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,

**ID Number:** UN1950

**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
Section 15 – Regulatory Information

CERCLA Hazardous Substances (Section 103)/RQ: Not subject to the reporting requirements.

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