OPEN GEAR LUBE, Aerosol
SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17055

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: Aerosol lubricant
Restriction of Use: Use only as directed

Date: July 14, 2020

Section 2-Hazard Identification

Classification:

Aerosol – Category 1
Aspiration hazard - Category 1
Eye irritation - Category 2A
Reproductive Toxicity - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2

Label Elements:

Signal word: Danger

Hazard Statements – Physical:
H222,H229 - Extremely flammable aerosol, Pressurized container may burst if heated.

Hazard Statements- Health:
H304 - May be fatal if swallowed and enters airways.
H319- Causes serious eye irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.
H361 - Suspected of damaging fertility or the unborn child.
Precautionary Statements – 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 Statements – 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.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P254 - Wash hands thoroughly after handling.
P260 - Do not breathe mist, vapors, or spray.

Precautionary Statements – Response:
P314 - Get medical advice/attention if you feel unwell
P308 + P313 - IF exposed or concerned: Get medical advice/attention.
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

Precautionary Statements – Storage:
P405 - Store locked up
P410 - Protect from sunlight
P412 - Do not expose to temperatures exceeding 50 C/ 122F.

Precautionary Statements – Disposal:
P501 - Dispose of contents and container in accordance with all local, regional, national, and international regulations.

### Section 3- Composition/ Information on Ingredients

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>15-26</td>
</tr>
<tr>
<td>Asphalt, oxidized</td>
<td>64742-93-4</td>
<td>10-22</td>
</tr>
<tr>
<td>Mineral oil, Petroleum distillates, hydrotreated (mild) Heavy paraffinic</td>
<td>64742-54-7</td>
<td>9-21</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>7-15</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>4-8</td>
</tr>
<tr>
<td>Hexane</td>
<td>110-54-3</td>
<td>2-5</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>2-4</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

Inhalation:
Remove source of exposure or move person to fresh air and keep comfortable for breathing.
If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.
Eliminate all ignition sources if safe to do so.

Eye Contact:
Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take are not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact:
Take off immediately all contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Store contaminated clothing under water and wash before reuse or discard.

Ingestion:
Rinse mouth. Do NOT induce vomiting. Immediately call POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

Section 5 – Fire Fighting Measures

Suitable Extinguishable Media:
Use water, fog, dry chemical, or carbon dioxide. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Unsuitable Extinguishable Media:
Water may be ineffective but can be used to cool containers exposed to heat or flame.

Specific Hazards in Case of Fire:
Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Aerosol Cans may rupture when heated. Heated cans may burst. In fire, will decompose to carbon dioxide, carbon monoxide.

Fire-Fighting Procedures:
Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Special Protective Actions:

wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Care should always be exercised in dust/mist areas.

Section 6 – Accidental Release Measures

Emergency Procedure:
Flammable/combustible material.
ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area) Stay upwind: out of low areas. Immediately turn off or isolate any source of ignition. Keep, unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.

Recommended Equipment:

Wear safety glasses and gloves.

Personal Precautions:

ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area.) Use explosion proof equipment. Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Hazards:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Section 7 – Handling and Storage

General:
For industrial and institutional use only.
For used by trained personnel only.
Keep away from children.
Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.
Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements:
Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:
Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated areas away from heat, direct sunlight, and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should beet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.
Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create fire hazard.

Store at temperatures below 120°F.

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>STODDARD SOLVENT</td>
<td>500ppm, OSHA TWA</td>
</tr>
<tr>
<td></td>
<td>100ppm, ACGIH, TWA</td>
</tr>
<tr>
<td>BUTANE</td>
<td>250 ppm NIOSH TWA</td>
</tr>
<tr>
<td></td>
<td>1000 ppm ACGIH TWA</td>
</tr>
<tr>
<td>HEXANE</td>
<td>500 ppm OSHA TWA</td>
</tr>
<tr>
<td></td>
<td>50 ppm NIOSH TWA</td>
</tr>
<tr>
<td></td>
<td>50 ppm ACGIH TWA</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>800 ppm NIOSH TWA</td>
</tr>
<tr>
<td></td>
<td>1000 ppm ACGIH TWA</td>
</tr>
<tr>
<td>ISOPARAFFINIC PETROLEUM DISTILLATE</td>
<td>500 ppm OSHA TWA</td>
</tr>
<tr>
<td>MINERAL OIL, PETROLEUM DISTILLATES,</td>
<td>500 ppm OSHA</td>
</tr>
<tr>
<td>Hydrotreated (mild) Heavy Paraffinic</td>
<td></td>
</tr>
<tr>
<td>H-HEPTANE</td>
<td>500 ppm OSHA</td>
</tr>
<tr>
<td></td>
<td>85 ppm NIOSH</td>
</tr>
<tr>
<td></td>
<td>400 ppm ACGIH</td>
</tr>
<tr>
<td></td>
<td>500 ppm ACGIH STEL</td>
</tr>
<tr>
<td>PROPANE</td>
<td>1000 ppm TWA OSHA PEL</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. Chemical resistant clothing is also recommended to avoid prolonged contact. Avoid unnecessary 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</td>
<td>Black aerosol liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>solvent like until dry</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not established</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>No data</td>
</tr>
<tr>
<td>High Boiling Point</td>
<td>156°F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&lt;73°F</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL: 1 UEL: 9.5</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>1605.27 mmHg (Calculated @ 20°C,68°F )</td>
</tr>
<tr>
<td>VOC Content</td>
<td>430.65 g/l</td>
</tr>
<tr>
<td>VOC</td>
<td>49.5%</td>
</tr>
<tr>
<td>VOC Regulatory</td>
<td>430.65 g/L</td>
</tr>
<tr>
<td>Vapor Density (air = 1)</td>
<td>slower than ether</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.8</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not soluble</td>
</tr>
<tr>
<td>Octanol/Water Partition Coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not oxidizing</td>
</tr>
<tr>
<td>Aerosol Fire Protection Level</td>
<td>Level 2</td>
</tr>
<tr>
<td>Aerosol</td>
<td>Not available</td>
</tr>
<tr>
<td>Aerosol, ( NFPA 30B)</td>
<td></td>
</tr>
<tr>
<td>VOC:</td>
<td>49.5%</td>
</tr>
<tr>
<td>VOC Regulatory</td>
<td>430.65 g/L</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Propellant is a flammable gas.</td>
</tr>
</tbody>
</table>

### SECTION 10- STABILITY AND REACTIVITY

**Stability**

Stable

**Conditions to Avoid**

High temperatures
Section 11 – Toxicological Information

**Incompatible Materials**
None known

**Hazardous Reactions/Polymerization**
Will not occur

**Hazardous Decomposition Products**
In fire, will decompose to carbon dioxide, carbon monoxide

**Section 12 – Ecological Information**

**Toxicity**
Harmful to aquatic life with long lasting effects

**Persistence and Degradability**
No data available

**Bio-accumulative Potential**
64742-54-7 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC contains constituents with the potential to bioaccumulate
Mobility in Soil
64742-54-7 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC
Liquid under most environmental conditions. Floats on water. If it enters soil, it will absorb to soil particles and will not be mobile

Other Adverse Effects
No data available

Section 13 – Disposal Consideration

Water Disposal
Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld, or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse

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

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

CERCLA Hazardous Substances (Section 103)/RQ: Hexane
SARA Hazard Category (311/312): Propane, Isopropane, Butane, Hexane, Stoddard Solvent, Mineral Oil, Asphalt
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: 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.