SAFETY DATA SHEET

Revision Date: 05/15/2015
Revision Number: 001.1

1. PRODUCT AND COMPANY INFORMATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Item number(s):</th>
<th>NSN(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphite Petrolatum Anti-Seize</td>
<td>07-00, 07-01, 07-02, 07-03, 07-35</td>
<td>8030-01-044-5035</td>
</tr>
<tr>
<td>Meets SAE-AMS-2518</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product Type/Use:</td>
<td>NSN(s):</td>
<td>Region(s):</td>
</tr>
<tr>
<td>Lubricant</td>
<td>8030-01-044-5035</td>
<td>United States</td>
</tr>
<tr>
<td>Restriction of Use:</td>
<td>NSN(s):</td>
<td>Telephone:</td>
</tr>
<tr>
<td>None Identified</td>
<td></td>
<td>949 646-9035</td>
</tr>
<tr>
<td>Company Address:</td>
<td>NSN(s):</td>
<td>Product Emergency:</td>
</tr>
<tr>
<td>Armite Laboratories Inc.</td>
<td>07-00, 07-01, 07-02, 07-03, 07-35</td>
<td>CHEM-TEL  800-225-3924</td>
</tr>
<tr>
<td>1560 Superior Ave Ste. A-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa Mesa, CA 92627</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. HAZARD IDENTIFICATION

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Hazard Class</th>
<th>Hazard Category</th>
<th>Pictogram(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warning</td>
<td>Eye Irritant</td>
<td>2B</td>
<td>None Required</td>
</tr>
</tbody>
</table>

Hazard Statements: Causes Eye Irritant
May cause irritation to the skin, eyes, and respiratory tract. If ingested, may cause gastrointestinal disturbances.

Precautionary Statements

Prevention: Wash hands thoroughly after handling. Wear protective eye and face protection. Wear protective gloves if sensitive.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to remove, and continue to rinse. Do not rub eyes. IF INGESTED: May cause gastrointestinal disturbances.

Storage: Store in a tightly closed container at ambient temperature.

Disposal: Follow all Federal, State and local regulations when disposing this material. Do not allow to enter waterways.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of chemicals (GHS).

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component(s)</th>
<th>CAS Number</th>
<th>Percentage by weight*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Jelly (Petrolatum)</td>
<td>8009-03-8</td>
<td>48-52</td>
</tr>
<tr>
<td>Graphite (synthetic)</td>
<td>7782-42-5</td>
<td>52-48</td>
</tr>
</tbody>
</table>

*Exact percentage may be a trade secret, concentration range is provided to assist user in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation: No emergency care anticipated. When molten only (molten product can cause thermal burns) seek medical attention.

Skin contact: Wash with soap & water. When molten only (molten product can cause thermal burns). In serious cases, use emergency shower immediately. Flush skin thoroughly for 15 minutes while removing contaminated clothing. Obtain medical attention.

Eye contact: Flush with plenty of water. If irritation persists get medical attention. (Molten product can cause thermal burns)
Flush eyes with water and continue washing for 15 minutes. Obtain medical attention.

Ingestion: Do not induce vomiting. When molten only (molten product can cause thermal burns) – Seek medical attention if necessary.
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5. FIRE FIGHTING MEASURES

Extinguishing media: Treat as oil fire: Foam, dry chemical, carbon dioxide or water spray (fog). DO NOT use water jet.

Special firefighting procedures: Do not use water jet. Oil will float on water and can spread any fire.

Unusual fire or explosion hazard: Following products may be produced during fire: Oxides of carbon.

Special protective equipment for firefighters: Self-contained breathing apparatus for larger fires.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Avoid runoff to sewers and waterways. Product should not enter sewer or waterways. Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape/shovel material. Stop any leak when risk subsides. Use methods consistent with local regulations.

Clean-up method: Surfaces will be extremely slippery, use care to avoid falling. Scrape up as much material as possible. Clean residue with soap & water.

7. HANDLING AND STORAGE

Handling: Do not handle at temperatures > 40°C (104°F) unless wearing protective equipment. Prevent contact with eyes.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

Storage: Store in a cool place protected from light. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphite (synthetic)</td>
<td>2 mg/m3 (All forms of graphite except graphite fibers)</td>
<td>15 mg/m3 (Total Dust) TWA</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5mg/m3 (Respirable Fraction) TWA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits. Practice good industrial hygiene by washing with soap & water after each use.

Respiratory protection: Use NOISH approved respirator is there is a potential to exceed exposure limits. Observe OSHA regulations for respirator use. (29 CFR 1910.134).

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact in sensitive persons.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Paste</th>
<th>Flash point:  &gt;93.4°C (200°F) Method: PMCC  ASTM D93</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Light grey</td>
<td>VOC content:  nil</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild petroleum</td>
<td>Boiling point: &gt; 260° (500°F)</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not available</td>
<td>Melting point: &gt;54°C (130°F)</td>
</tr>
</tbody>
</table>
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pH: Neutral
Solubility in water: Insoluble
Specific gravity: Not available
Partition coefficient: Not available
Flammable/Explosive limits
- Lower limits: Not determined
- Upper limits: Not determined

Vapor Pressure: <0.01 kPa (<0.08 mm Hg) (at 20°C)
Density: 1.30 g/cm³
Kinematic Viscosity: Not available
Vapor Density: >5 (Air = 1)
Autoignition temp: No Data
Evaporation rate (butyl acetate = 1): <0.01 compared to butyl acetate

10. STABILITY AD REACTIVITY

Stability: Stable under normal conditions
Conditions to avoid: Avoid ignition source. Keep away from heat.
Hazardous decomposition products: Carbon monoxide, carbon dioxide

Incompatible materials: Very strong oxidizers. Condition is aggravated when material is heated.
Hazardous reactions: Graphite reacts vigorously with liquid potassium, potassium peroxide and will ignite with chlorine trifluoride and fluorine. If graphite contacts liquid potassium, rubidium, or caesium at 300°C, intercalation compounds may be formed. These compounds may explode on contact with water or ignite in air.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, eyes

Potential Health Effects/Symptoms
Inhalation: No known significant effects or critical health hazards as high viscosity makes inhalation unlikely.
Skin contact: No known significant effects or critical hazards.
Eye contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards as grease results in gastric distress negating bio-accumulation concerns.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>LD50s and LC50s</th>
<th>Immediate and Delayed Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphite (Synthetic)</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Hazardous Component(s)</td>
<td>NTP Carcinogen</td>
<td>IARC Carcinogen</td>
</tr>
<tr>
<td>Graphite (Synthetic)</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity: No effects are expected from this material due to its insolubility. Insolubility leads to non-bioavailability.

Mobility: N/A

Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

13. DISPOSAL CONSIDERATIONS

Recommended method of disposal: Treatment, transportation and disposal must be in accordance with applicable Federal, State and Local regulations. Do not flush to surface water or sanitary sewer system.
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14. TRANSPORTATION INFORMATION

US Dept of Transportation (49 CFR): Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

15. REGULATORY INFORMATION

United States Regulatory Information

ACDIH: 2mg/m3 (TVL All forms of graphite except graphite fibers)
CAA Section 112: Not listed
CERCLA: Not Listed
IRAC: Not listed
NPT: Not listed
OSHA: 15mg/m3 (Total Dust) (PEL Synthetic Graphite 5mg/m3 (Respirable fraction) (PEL Synthetic Graphite)
SARA Title III: Not listed
TSCA: Not listed

State Regulations

California PROP 65: Not listed.
MA Substance List: Listed as 2, 4 (graphite, synthetic)
NJRTK Hazardous Substance List: Not listed
PA Hazardous Substance List: Listed (graphite)

Other

DSL – All material listed
WHMIS: The mixture is not specifically listed in the Canadian Transportation of Dangerous Goods regulations.

16. OTHER INFORMATION

Prepared by: Armite Laboratories, Inc.
Original Issue date: April 1, 2015

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