Multi-Purpose Lithium Grease

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name
Multi-Purpose Lithium Grease

Product Number
MPL

Material Uses
Lubricating Grease

Supplier/Manufacturer
U.S. Lubricants
A Division of U.S. Venture, Inc.
425 Better Way
Appleton, WI 54915
Phone: 920.735.8298

In Case of Emergency
920.735.8298

CAS Registry Number: Not applicable for mixtures

Chemical Family: Petroleum Hydrocarbon

Chemical Formula: Proprietary

Chemical Name: Proprietary Additized Petroleum Hydrocarbon Mixture

Preparation/Revision Date: 10/2013

Section 2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS #</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrosion Inhibitor</td>
<td>Proprietary</td>
<td></td>
<td></td>
<td>0.1 – 1</td>
</tr>
</tbody>
</table>

*In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity has been withheld as a trade secret

*Regulated by OSHA (29 CFR 1910.1200)
All ingredients of this product are on the TSCA Inventory List.

Section 3. HAZARDS IDENTIFICATION

Classification of the substance or mixture: Skin Sens. 1A H317

GHS label elements
Hazard pictograms:

Signal word: Warning

Hazard statements: H317 - May cause an allergic skin reaction

Precautionary statements: Prevention: P261 - Avoid breathing fume, mist, vapours, spray
Section 4. FIRST AID MEASURES

Description of First Aid Measures
First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

After Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

After Skin Contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

After Eye Contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

After Ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

Most Important Symptoms and Effects, Both Acute and Delayed
After Inhalation: May cause respiratory irritation.
After Skin Contact: May cause skin irritation or allergic reaction.
After Eye Contact: Direct contact with the eyes is likely to be irritating.
After ingestion: May cause gastrointestinal irritation.

Indication of Any Immediate Medical Attention and Special Treatment Needed
No additional information available.

Section 5. FIRE FIGHTING MEASURES

Extinguishing Media:
Unsuitable: None known.

Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not flammable
Explosion Hazard: Product is not explosive
Reactivity: No dangerous reactions known under normal conditions of use.

Advice for Fire-Fighters
Precautionary measures fire:  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Firefighting Instructions:  Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Protection during firefighting:  Do not enter fire area without proper protective equipment, including respiratory protection.

**Section 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

General measures:  Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

For Non-Emergency Personnel:  Wear Protective equipment as described in Section 8.

For Emergency Responders:  Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

**Environmental Precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

**Methods and Material for Containment and Cleaning Up**

For Containment:  Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up:  Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep or shovel spills into appropriate container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

**Section 7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

Precautions for Safe Handling:  Do not handle until all safety precautions have been read and understood. Keep away from sources of ignition - No smoking. Provide appropriate exhaust ventilation at places of dust forming. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**Conditions for Safe Storage, Including any Incompatibilities**

Storage Conditions:  Keep the container tightly closed. Store in a dry, cool and well-ventilated place.

**Specific End Use**

No additional information available.
Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Controls
Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Gloves. Protective goggles. Protective clothing.

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Semi-solid.
Appearance: Grease
Color: Amber.
Odor: Petroleum-like odour.
Odor Threshold: No data available
pH: 7 - 7.2
Relative Evaporation Rate: No data available
Melting Point: No data available
Freezing Point: No data available
Boiling Point: > 371 °C (700 °F)
Flash Point: > 204 °C (400 °F)
Self-Ignition Temperature: No data available
Decomposition Temperature: No data available
Flammability (solid, gas): No data available
Vapor Pressure: < 1 mmHg (20 °C)
Relative Vapor Density @ 20C: No data available
Relative Density: 0.8956 (20 °C)
Solubility: Water: < 5 %
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: > 1000 cSt
Viscosity, dynamic: No data available
Explosive Properties: No data available
Oxidizing Properties: No data available
Explosive Limits: No data available

**Section 10. STABILITY AND REACTIVITY**

**Reactivity**
No dangerous reactions known under normal conditions of use.

**Chemical Stability**
Stable under recommended handling and storage conditions (see section 7).

** Possibility of Hazardous Reactions**
None known

**Conditions to Avoid**
None known.

**Incompatible Materials**
Strong oxidizing agents

**Hazardous Decomposition Products**

**Section 11. TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
<tr>
<td>Symptoms/injuries after inhalation</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>Symptoms/injuries after skin contact</td>
<td>May cause skin irritation or allergic reaction.</td>
</tr>
<tr>
<td>Symptoms/injuries after eye contact</td>
<td>Direct contact with the eyes is likely to be irritating.</td>
</tr>
<tr>
<td>Symptoms/injuries after ingestion</td>
<td>May cause gastrointestinal irritation.</td>
</tr>
<tr>
<td>Chronic symptoms</td>
<td>May cause an allergic skin reaction.</td>
</tr>
</tbody>
</table>
Section 12. ECOLOGICAL INFORMATION

Toxicity
No additional information available

Persistence and degradability
No additional information available

Bioaccumulative potential
No additional information available

Mobility in soil
No additional information available

Other adverse effects
No additional information available

Section 13. TRANSPORTATION INFORMATION

DOT Name:
DOT Technical Name:
DOT Hazard Class: Not Regulated by DOT
UN Number:
DOT Packing Group:

Section 14. WASTE DIPOSAL INFORMATION

Incineration is the recommended method of disposal observing all local, state, and federal regulations. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

Section 15. REGULATORY INFORMATION

US Federal regulations

<table>
<thead>
<tr>
<th>U.S. Lubricants Forging Compound</th>
</tr>
</thead>
<tbody>
<tr>
<td>All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory</td>
</tr>
<tr>
<td>All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

International regulations
No additional information available

US State regulations
California Proposition 65
This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

<table>
<thead>
<tr>
<th>Silica: Crystalline, quartz (14808-60-7)</th>
<th></th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>8.7 µg/day</td>
<td></td>
</tr>
</tbody>
</table>

**Section 16. OTHER INFORMATION**

Indication of changes: Revision 1.0: New SDS Created.
Revision date: 10/16/2014
Other information: Author: BCS.

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard: 1 - Must be preheated before ignition can occur.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

**HMIS III Rating**

- Health: 1*
- Flammability: 1
- Physical: 0
- Personal Protection: 

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