SAFETY DATA SHEET
MICRO-PLATE Moly “B” Grease

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name: Micro-Plate Moly “B”
Product code: 2947MV
Other means of identification: Additized Petroleum Hydrocarbon Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: Industrial Lubricant

1.3. Details of the supplier of the safety data sheet
Como Lube & Supplies, Inc.
PO Box 16987
Duluth, MN 55802
Phone: (800) 962-5417

1.4. Emergency telephone number
Emergency number: CHEMTREC (24hrs): 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Skin Irrit. 2 H315

2.2. Label elements
GHS-US labelling
Hazard pictograms (GHS-US): GHS07
Signal word (GHS-US): Warning
Hazard statements (GHS-US): H315 - Causes skin irritation
Precautionary statements (GHS-US): P261 - Avoid breathing mist, fume, vapours
P264 - Wash hands, forearms and face thoroughly after handling
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear eye protection, protective clothing, protective gloves, face protection
P302+P352 - If on skin: Wash with plenty of water
P303+P365 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/container to licensed waste handling facility

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS-US)
No data available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Proprietary</td>
<td>&lt; 1.0</td>
</tr>
<tr>
<td>Polybutene</td>
<td>(CAS No) 9003-29-6</td>
<td>1 - 5</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
### SECTION 4: First aid measures

**4.1. Description of first aid measures**

| Description of first aid measures | First-aid measures general | Description: 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.
|                                | First-aid measures after inhalation | Description: 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.
|                                | First-aid measures after skin contact | Description: 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.
|                                | First-aid measures after eye contact | Description: 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.
|                                | First-aid measures after ingestion | Description: 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.

**4.2. Most important symptoms and effects, both acute and delayed**

| Symptoms/injuries | Causes skin irritation.
| Symptoms/injuries after inhalation | May cause respiratory irritation.
| Symptoms/injuries after skin contact | Causes skin irritation.
| Symptoms/injuries after eye contact | Direct contact with the eyes is likely to be irritating.
| Symptoms/injuries after ingestion | May cause gastrointestinal irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

### SECTION 5: Firefighting measures

**5.1. Extinguishing media**


**5.2. Special hazards arising from the substance or mixture**

| Fire hazard | Heating may cause a fire.
| Explosion hazard | Product is not explosive.
| Reactivity | No dangerous reactions known under normal conditions of use.

**5.3. Advice for firefighters**

| 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. Wear self-contained breathing apparatus and protective suit (see item 8).

### SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

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

**6.1.1. For non-emergency personnel**

| Protective equipment | Wear Protective equipment as described in Section 8.
| Emergency procedures | Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

| Protective equipment | Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

**6.2. Environmental precautions**

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

**6.3. 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.

**6.4. Reference to other sections**

No additional information available
MICRO-PLATE Moly “B”
Safety Data Sheet
Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mists. Keep away from sources of ignition - No smoking. Use appropriate personal protection equipment (PPE).

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. 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

9.1. Information on basic physical and chemical properties
- Physical state: Semi-solid.
- Appearance: Grease.
- Color: Black/Brown.
- Odor: No data available
- Odor Threshold: No data available
- pH: No data available
- Relative evaporation rate (butylacetate=1): No data available
- Melting point: No data available
- Freezing point: No data available
- Boiling point: > 232 °C (>450 °F)
- Flash point: > 95 °C (>204 °F)
- Auto-ignition temperature: No data available
- Decomposition temperature: No data available
- Flammability (solid, gas): No data available
- Vapour pressure: < 1 mmHg (20 °C)
- Relative vapour density at 20 °C: No data available
- Relative density: No data available
- Relative density of saturated gas/air mixture: 0.959 (20 °C)
- Solubility: Water: < 5 %
- Log Pow: No data available
- Log Kow: No data available
- Viscosity, kinematic: >1000 cSt
**SECTION 10: Stability and reactivity**

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

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

10.3. **Possibility of hazardous reactions**
None known.

10.4. **Conditions to avoid**
Heat. Open flame.

10.5. **Incompatible materials**
Strong oxidizing agents.

10.6. **Hazardous decomposition products**
Thermal decomposition generates: Carbon oxides (CO, CO₂).

**SECTION 11: Toxicological information**

11.1. **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>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Silica: Crystalline, quartz (14808-60-7)</strong></td>
<td>IARC group 1 - Carcinogenic to humans</td>
</tr>
</tbody>
</table>

The International Agency for Research on Cancer (IARC) has classified “silica dust, crystalline, in the form of quartz or cristobalite” as carcinogenic to humans (group 1). However these warnings refer to respirable crystalline silica dusts, and do not apply to grease mixtures in a non-solid form containing wetted silica in a semi-liquid suspension. As such, we have not classified this product as a carcinogen in accordance with the US OSHA Hazard Communication Standard (29 CFR §1910.1200) but recommend that users avoid inhalation of product in a mist form.

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<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>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>Causes skin irritation.</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>
</tbody>
</table>

**SECTION 12: Ecological information**

12.1. **Toxicity**
Ecology - general: No information available.

12.2. **Persistence and degradability**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>MicroPlate Moly “B” #2</td>
<td>No information available.</td>
</tr>
</tbody>
</table>
12.3. Bioaccumulative potential

| MicroPlate Moly “B” #2 | Bioaccumulative potential | No information available. |

12.4. Mobility in soil

| MicroPlate Moly “B” #2 | Ecology - soil | No information available. |

12.5. Other adverse effects

Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| Waste treatment methods | Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit. |
| Waste disposal recommendations | Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment. |

SECTION 14: Transport information

In accordance with DOT
Not hazardous for transport

Additional information

| Other information | No supplementary information available. |

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Door Closure MicroPlate “B” #2

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
| Delayed (chronic) health hazard |

15.2. International regulations

No additional information available

15.3. 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

Silica: Crystalline, quartz (14808-60-7)

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| Yes | No | No | No | Not available |

Molybdenum(IV) sulfide (1317-33-5)

U.S. - Massachusetts - Right To Know List

Silica: Crystalline, quartz (14808-60-7)

| U.S. - New Jersey - Right to Know Hazardous Substance List | U.S. - Pennsylvania - RTK (Right to Know) List | U.S. - Massachusetts - Right To Know List |

SECTION 16: Other information

Indication of changes: Revision 1.0: New SDS Creation.

Revision date: 12/04/2015
MICRO-PLATE Moly “B”
Safety Data Sheet
Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information : Author: SGS.

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 :

Revision date: 8/15/2016 Supersedes: Not Available Version: 1.0

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