1. PRODUCT AND COMPANY IDENTIFICATION
- Product Name: M-GSMOS
- Product Use: Lubricating Grease

-Supplier
Mold Components Division, MISUMI Die & Mold Business Company, MISUMI Corporation
Iidabashi First Bldg., 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-8583, Japan
TEL: +81-3-5805-7190
FAX: +81-3-5805-7191
Administrative Number: M-GS1130_ENG

2. CONPOSITION / INFORMATION ON INGREDIENTS
Substance/mixture: Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>% By Weight</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refined Mineral Oil</td>
<td>90.0</td>
<td>-----------</td>
</tr>
<tr>
<td>Oxidation Stabilizer</td>
<td>5.0</td>
<td>-----------</td>
</tr>
<tr>
<td>Molybdenum Disulfide</td>
<td>5.0</td>
<td>-----------</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION
Classification: Dose not correspond to classification standards.
Dangerousness: N/A
Toxicity: Unknown
Environmental Impact: Unknown
PRTR Law: Type 1 No.346 Substance Molybdenum compound Contain 5g per 100g of M-GSMOS.

4. FIRST AID MEASURES
Eyes: Flush eyes, including under the eyelids, with large amount of water.
      If irritation persists, seek medical attention.
Skin: Wash thoroughly with mild soap and water. Receive treatment from doctor if necessary.
Ingestion: Give copious amount of water or preferably milk and seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES
Cut off combustion source to the fire and extinguish it using a fire extinguishing agent. Also, cool down nearby tanks, building, etc., using a water spray to prevent the fire is forming & spreading. Extinguish the fire fore windward and wear a respirator as necessary.

Flush Point: $>200^\circ$C
Auto-Ignition Temp: No Data
Flammable Limits LFL: Yes
Unusual Fire & Explosive Hazards: Vapors are heavier than air and can travel along the ground to remote ignition source.

Fire Fighting Equipment: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Additional Notes: N/A

6. ACCIDENTAL RELEASE MEASURES
In case of small amount of leakage, collect it in an empty container by Absorbing with earth or sand and wash off the remains with a large amount of water. In case of large amount of leakage, prevent it from flowing with earth or and, lead it to a safe place, cover the surface with form, etc. And, if possible, collect it in a container. Wash off the remains with large amounts of water. In this case, make sure that it should not be brained to a river, etc.

7. HANDLING AND STORAGE
Handling: Wear protective gear to avoid inhalation and prevent it from coming in contact with eyes, skin or clothing. Work from windward if possible. Keep it away from high temperature substances, spark or flame. Prevent if it’s from coming in contact with strong acid chemicals. Take measures against static electricity and wear conductive work clothing and shoes. Use up all before disposing of it. Keep children away from the work site.

Storage: Avoid direct sunlight and store it where temperature dose not rise over $40^\circ$C.
Do not allow oxidizing or organic hyperacid substances nearby.
Transportation: Use a container which can prevent temperature from rising over 40°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Respiratory Protection: Organic Vapor type.
Ventilation: Local exhaust, Mechanical type.
Protective Glove: Rubber or Plastic recommended.
Eye Protection: Chemical workers goggles.
Wear: Long sleeve clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Black gray
Odor: Mild
Physical State: Paste
Vapor Pressure: No data
Boiling Point: No data
Vapor Density: No data
Solubility in Water: Not soluble
Specific gravity: 0.90(25°C)
Evaporation Rate: Not determined
Melting point: No data

10. STABILITY AND REACTIVITY
Stability: This product is stable under all normal condition of storage.
Hazardous polymerization will not occur.
Incompatibility: Oxidizing material can cause a reaction.
Hazardous Decomposition Products: None

11. TOXICOLOGICAL INFORMATION
Toxicological Information: No experimental toxicological data on the preparation as such is available.

12. ECOLOGICAL INFORMATION
Ecological Information: No data on possible environmental effects have been found.

13. DISPOSAL CONSIDERATION
Disposal Methods: Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION
DOT Hazard Class: Not Regulated
SEA Transport: Not Regulated
AIR Transport: Not Regulated

15. REGULATORY INFORMATION
US Federal Regulations: Clean air act
SARA Hazard Categories: None
Regulatory Status: Not a controlled product
PRTR Law: With 5% Molybdenum Disulfide (Type 1, No-346)

16. OTHER INFORMATION
All reasonable care has been taken in the preparation of the information contained herein, the manufacturer extend no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser’s intended purposes or for consequences of its use.