

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

# U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

|                                   |  |
|-----------------------------------|--|
| IDENTITY                          | <i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i> |
| <b>MOLY GREASE RL728 (270015)</b> |  |

## Section I

DOT Hazard Class.: **Non-Hazardous**

|   |  |
|---|--|
| Manufacturer's Name<br><b>Beaver Research Company</b>   | Emergency Telephone Number<br><b>1-800-255-3924 (Chem-Tel)</b>                   |
| Address (Number, Street, City, State, and ZIP Code)<br><b>3700 E. Kilgore Road, Portage, MI 49002</b> | Telephone Number For Information<br><b>269-382-0133</b>                          |
| NFPA Rating:<br>Health=1 Flammability=1<br>Reactivity=0<br>Special=-                                  | HMIS Rating:<br>Health=1 Flammability=1<br>Reactivity=0<br>Personal Protection=B |
|   | Date Prepared<br><b>11/03/93</b>   |
|   | Signature of Preparer (optional)   |

## Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL                   | ACGIH TLV                  | Carcinogen Ref. Source** | % (optional) |
|---|----------------------------|----------------------------|--------------------------|--------------|
| Petroleum Oil Mixture (8002-05-9)                                 | 5mg/M3<br>TWA for oil mist | 5mg/M3<br>TWA for oil mist | d                        |              |

WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.

## Section III - Physical/Chemical Characteristics

|                         |       |  |     |
|-------------------------|-------|--|-----|
| Boiling Point           | N/A   | Specific Gravity (H2O = 1)             | 0.8 |
| Vapor Pressure (mm Hg)  | <0.01 | Vapor Pressure: PSIG @ 70°F (Aerosols) | N/A |
| Vapor Density (AIR = 1) | 12    | Evaporation Rate (Butyl Acetate = 1)   | N/A |

Solubility in Water

Negligible

Appearance and Odor

Gray/black gel with oil odor.

## Section IV - Fire and Explosion Hazard Data

|   |                  |            |            |
|---|------------------|------------|------------|
| Flash Point (Method Used)<br>>400°F COC | Flammable Limits | LEL<br>N/D | UEL<br>N/D |
|---|------------------|------------|------------|

Extinguishing Media

Dry chemical (preferred), carbon dioxide, foam, water.

Special Fire Fighting Procedures

Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, part full or empty drum.

## Section V - Reactivity Data

|           |          |                     |     |
|-----------|----------|---------------------|-----|
| Stability | Unstable | Conditions to Avoid | N/A |
|           | Stable   |                     |     |

Incompatibility (Materials to Avoid)

Chlorine or oxygen

Hazardous Decomposition or Byproducts

Thermal: unidentified organics. Oxidation: oxides of carbon.

|                          |                |                     |                       |
|--------------------------|----------------|---------------------|-----------------------|
| Hazardous Polymerization | May Occur      | Conditions to Avoid | Oxidizing atmospheres |
|                          | Will Not Occur |                     |                       |

**Section VI - Health Hazard Data**

|                    |             |       |            |
|--------------------|-------------|-------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
|                    | Yes         | Yes   | Yes        |

Health Hazards (Acute and Chronic)

**Inhalation:** Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness. **Eyes:** May cause irritation. **Skin:** May cause irritation. **Ingestion:** May cause vomiting, nausea, diarrhea.

|                  |      |                  |                 |
|------------------|------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| N/A              | N/A  | N/A              | N/A             |

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

Dermatitis

Emergency and First Aid Procedure

**Eyes:** Wash with large amounts of water. If irritation persists, call a physician.

**Skin:** Remove contaminated clothing. Wash with soap and water.

**Inhalation:** Remove to fresh air

**Ingestion:** DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.

Waste Disposal Method

Dispose of in accordance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storage

Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None required.

|             |                     |        |         |     |
|-------------|---------------------|--------|---------|-----|
| Ventilation | Local Exhaust       | Normal | Special | N/A |
|             | Mechanical(General) | N/A    | Other   | N/A |

Protective Gloves

Oil resistant types.

Eye Protection

Splash goggles or safety glasses.

Other Protective Clothing or Equipment

Oil resistant apron.

Work/Hygienic Practices

Do not work in oil soaked clothing. Wash after handling.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\*Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only