MATERIAL SAFETY DATA SHEET

PRODUCT NAME: G-Rod Grease #800
Code No.: 02194

Emergency Phone Number(s):
Business: (800) 800-8444
Fax: (775) 355-8775

Address:
1350 East Glendale Ave
Sparks, NV 89431

Date Sent:

Product Name: G-Rod Grease #800

Barium Stearate Grease

SYNONYMS
Barium Grease

Chemical Family
Hydrocarbon

INFORMATION

MATERIALS OR COMPONENTS
%W  CAS NUMBER  CARCINOGEN OR IARC

<table>
<thead>
<tr>
<th>Material</th>
<th>%W</th>
<th>CAS Number</th>
<th>Carcinogen or IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium Tallow Fatty Acid Complex</td>
<td>20–30</td>
<td>68201-19-4</td>
<td>No</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>70–80</td>
<td>64742-52-5</td>
<td>No</td>
</tr>
</tbody>
</table>

PHYSICAL PROPERTIES

Boiling Point/Range
°C  700 °F

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point/Range</td>
<td>700</td>
</tr>
<tr>
<td>Melting Point</td>
<td>0</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>0</td>
</tr>
<tr>
<td>Molecular weight (Calculated)</td>
<td>NA</td>
</tr>
</tbody>
</table>

Specific Gravity (H2O=1)
0.90 @ / 16°C

Solubility in H2O
Nil

% Volatiles by Volume
0

Evaporation Rate
NA

Appearance and Odor
Fibrous Semi-Solid-Bland

Other

EXTINGUISHING MEDIA

Water-spray
Water-fog
Water-stream
CO2
Dry chemical
Alcohol foam
Foam
Earth or sand

SPECIAL FIRE FIGHTING PROCEDURES

Do not enter Building
Allow fire to burn
Water may cause frothing
Do not use water

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dust explosion
Sensitive to shock

Temperature

Other (Specify):

None

STABILITY

Stable

Unstable

CONDITIONS CONTRIBUTING TO INSTABILITY

Thermal decomposition

Photo degradation

Polymerization

Combustion

HAZARDOUS DECOMPOSITION PRODUCTS – THERMAL AND OTHER (list)

CO & CO2 IF INCOMPLETE COMBUSTION.

CONDITIONS TO AVOID

Heat

Open flames

Sparks

Other (Specify):

NA – Not Applicable

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Flush with

Water

Absorb with sand or inert material

Neutralize

Sweep or scoop up and remove

Keep upwind

Evacuate enclosed spaces.

Prevent Spread or spill

WASTE DISPOSAL METHOD – Consult federal, state, or local authorities for proper disposal procedures.

ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.
This product has been used for years with no known ill effects. It contains no known carcinogens or mutagens as defined by OSHA or IARC.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>68210-19-4</td>
<td>Barium Tallow Fatty Acid Complex</td>
<td>25–28</td>
</tr>
</tbody>
</table>

### TOXICITY INFORMATION

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Protective Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

**NFPA HAZARD RATING CODES**

- Least: 0
- Slight: 1
- Moderate: 2
- High: 3
- Extreme: 4

**PERMISSIBLE EXPOSURE LIMIT**

**ACGIH**: 20 mg/m³ For Mineral Oil

**OSHA**: 20

### HEALTH INFORMATION

<table>
<thead>
<tr>
<th>PRIMARY ROUTES OF ENTRY</th>
<th>EFFECTS OF EXPOSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Inhalation Effects</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
</tr>
<tr>
<td></td>
<td>Respiratory</td>
</tr>
<tr>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

### SAFETY PRECAUTIONS

- Normal Precautions Common to Good Manufacturing Practices Should be Followed

### SPECIAL PRECAUTIONS

<table>
<thead>
<tr>
<th>SPECIAL PRECAUTIONS</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wash Thoroughly</td>
<td></td>
</tr>
<tr>
<td>After Handling</td>
<td></td>
</tr>
<tr>
<td>Do Not Get in Eyes</td>
<td></td>
</tr>
<tr>
<td>or on Clothing</td>
<td></td>
</tr>
<tr>
<td>Do Not Breathe Dust</td>
<td></td>
</tr>
<tr>
<td>Vapors, Mist, Gas</td>
<td></td>
</tr>
<tr>
<td>Keep Container</td>
<td></td>
</tr>
<tr>
<td>Closed</td>
<td></td>
</tr>
<tr>
<td>Keep Away from</td>
<td></td>
</tr>
<tr>
<td>Sparks, Open Flames</td>
<td></td>
</tr>
<tr>
<td>Store in Tightly</td>
<td></td>
</tr>
<tr>
<td>Closed</td>
<td></td>
</tr>
</tbody>
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