**PRODUCT DESCRIPTOR**

WD-40® SPECIALIST® HEAVY-DUTY HIGH TEMPERATURE GREASE was engineered to meet the demands of protecting high-speed bearings in applications involving high temperatures and heavy mechanical loads. Able to resist melting up to 625° F, it’s also excellent in cold weather. High Temperature Grease is an effective solution for heavy-duty trucks, as well as farm and construction equipment, and it’s useful for everyday applications around the home.

**PHYSICAL and CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Green colored grease</td>
</tr>
<tr>
<td>Odor:</td>
<td>Slight petroleum oil odor</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not established</td>
</tr>
<tr>
<td>pH:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Melting/Freezing Point:</td>
<td>Not established</td>
</tr>
<tr>
<td>Boiling Point/Range:</td>
<td>&gt;231.1°C (&gt;448 · F)</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>&gt;221.1°C (&gt;430°F)</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not established</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VOC:</td>
<td>Not established</td>
</tr>
<tr>
<td>Flammable Limits:</td>
<td>Not established</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not established</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not established</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>0.9 g/cm³</td>
</tr>
<tr>
<td>Solubilities:</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition Coefficient; n-octanol/water:</td>
<td>Not established</td>
</tr>
<tr>
<td>Autoignition Temperature:</td>
<td>Not established</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>Not established</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>&gt;21 cSt (&gt;0.21 mm²/s) @ 40°C (104 · F)</td>
</tr>
<tr>
<td>Pour Point:</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

**PERFORMANCE RESULTS**

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Deep Blue</td>
<td></td>
</tr>
<tr>
<td>Texture</td>
<td>Smooth, Tacky</td>
<td></td>
</tr>
<tr>
<td>Thickner Type</td>
<td>Lithium Complex</td>
<td></td>
</tr>
<tr>
<td>NLGI Grade</td>
<td>ASTM D 217</td>
<td>2</td>
</tr>
<tr>
<td>Dropping Point (degrees F)</td>
<td>ASTM D 2265</td>
<td>600</td>
</tr>
<tr>
<td>Four Ball Wear (mm)</td>
<td>ASTM D 2266</td>
<td>0.53</td>
</tr>
<tr>
<td>Bearing corrosion in 5% ssw</td>
<td>ASTM D 5969</td>
<td>Pass</td>
</tr>
</tbody>
</table>
PACKAGING SPECIFICATION

<table>
<thead>
<tr>
<th>Saleable Unit</th>
<th>Master Case/Display</th>
<th>Load without Pallet</th>
<th>Load with GMA Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth/Length</td>
<td>Width</td>
<td>Height</td>
<td>Cubic Ft</td>
</tr>
<tr>
<td>2.1875</td>
<td>2.1875</td>
<td>9.3125</td>
<td>0.0258</td>
</tr>
<tr>
<td>11.1250</td>
<td>4.5000</td>
<td>9.5625</td>
<td>0.2770</td>
</tr>
<tr>
<td>44.3000</td>
<td>35.7500</td>
<td>47.8100</td>
<td>44.0190</td>
</tr>
<tr>
<td>48.0000</td>
<td>40.0000</td>
<td>52.8100</td>
<td>58.6778</td>
</tr>
</tbody>
</table>

HANDLING AND STORAGE


DISPOSAL

If this product becomes a waste, it would not be expected to meet the criteria of a RCRA of a hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Dispose in accordance with federal, state, and local regulations.

SPECIAL USE WARNINGS

The Following Controls are recommended for Normal Consumer Use of this Product
Engineering Controls: Use in a well-ventilated area.
Personal Protection:
Eye Protection: Avoid eye contact.
Skin Protection: Avoid prolonged skin contact. Wash hands with soap and water after use.
Respiratory Protection: None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are recommended
Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.
Personal Protection:
Eye Protection: Safety goggles recommended where eye contact is possible.
Skin Protection: Wear chemical resistant gloves.
Respiratory Protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.
Work/Hygiene Practices: Wash with soap and water after handling.
U.S. Federal Regulations:
CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:
Hazard Category For Section 311/312: Acute Health
Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Reporting requirements: Zinc Compounds (<2%)
Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

Canadian Environmental Protection Act: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.