SECTION 1. CHEMICAL PRODUCT AND COMPANY NAME

Hammer Grease
Part No. A-90582

Makita U.S.A., Inc.
14930-C Northam Street
La Mirada, CA  90638

Prepared By:  Stan Rodrigues
Date Revised:  07/19/2023

EMERGENCY CONTACT INFORMATION

Telephone Number for Information:  MAKITA:  1-510-657-9881
Emergency Response
For Chemical Emergency
Spills, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada 1-800-424-9300

SECTION 2. HAZARD IDENTIFICATION

EU Information:
Classification (67/548/EEC or 1999/45EC):  Not classified
Classification (EC1272/2008):

Physical Hazards:
- Flammable solids:  Not classified
- Pyrophoric solid:  Not classified
- Self-heating substances and mixtures:  Not classified
- Corrosive to metals:  Not classified

Health Hazards:
- Acute toxicity (oral):  Not classified
- Acute toxicity (dermal):  Not classified
- Acute toxicity (inhalation: mist):  Classification not possible
- Skin corrosion/irritation:  Classification not possible
- Serious eye damage/eye irritation:  Classification not possible
- Sensitization-respiratory:  Classification not possible
- Sensitization-skin:  Classification not possible
- Germ cell mutagenicity:  Classification not possible
- Carcinogenicity:  Classification not possible
- Toxic to reproduction:  Classification not possible
- Specific target organ systemic toxicity following single exposure:  Classification not possible
- Specific target organ systemic toxicity following repeated exposure:  Classification not possible
- Aspiration toxicity:  Classification not possible
CONTINUED: SECTION 2. HAZARD IDENTIFICATION

Environmental Hazards:
- Hazardous to the aquatic environment-acute hazard: Classification not possible
- Hazardous to the aquatic environment-chronic hazard: Classification not possible
The hazards without the above mentioned are “Not applicable” or “Classification not possible”.

Hazard Pictogram(s): No pictogram
Signal Word(s): No signal word
Hazard Statement(s): No hazard statement
Precautionary Statement(s):
- Prevention: Not required
- Response: Not required
- Storage: Not required
- Disposal: Not required
Other Hazards: Combustibility. Keep away from ignition sources such as heat/sparks/open flames.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s):</th>
<th>CAS#</th>
<th>EC#</th>
<th>Wt%</th>
<th>EU Symbol</th>
<th>EU R-Phrase</th>
<th>USA OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EU ILV</th>
<th>DFG MAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refined mineral base oil</td>
<td>Confidential</td>
<td>Confidential</td>
<td>45-55</td>
<td>None</td>
<td>None</td>
<td>5mg/m³ (TWA: as oil mist)</td>
<td>5mg/m³ (TWA as oil mist):</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Synthetic hydrocarbon base oil</td>
<td>Confidential</td>
<td>Confidential</td>
<td>40-50</td>
<td>None</td>
<td>None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Lithium soap thickener</td>
<td>Confidential</td>
<td>Confidential</td>
<td>1-10</td>
<td>None</td>
<td>None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Additives</td>
<td>Confidential</td>
<td>Confidential</td>
<td>1-5</td>
<td>None</td>
<td>None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>(Organic molybdenum.)</td>
<td>68412-26-0</td>
<td>270-180-5</td>
<td>&lt;1</td>
<td>None</td>
<td>None</td>
<td>15 mg/m³ TWA: Total dust as Mo</td>
<td>10 mg/m³ TWA: Insoluble compounds, as Mo</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

Carcinogen:
- Chemical Name: None
- CAS#: Reference:
No component of this product is listed as a human carcinogen or a potential carcinogen in IARC Monographs, U.S. NTP, OSHA regulation, and Annex VI of Regulation (EC) 1272/2008.

Refined mineral base oil, by definition, is considered hazardous according to OSHA. Because it carries Threshold limit value (TLV) for mineral oil mist. Refined mineral base oil contain <3.0% DMSO extractable material.

PBT substance and vPvB substance:
- Chemical Name: None
- CAS#: Category:
No component of this product is a PBT or vPvB substance under Regulation (EC) 1907/2006.
### SECTION 4. FIRST AID MEASURES

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation:</td>
<td>Remove exposed person to fresh air if adverse effects are observed.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>Do not make person vomit unless directed to do so by medical personnel.</td>
</tr>
<tr>
<td>Eye:</td>
<td>Flush immediately with water for at least 15 minutes. Get immediate medical attention.</td>
</tr>
<tr>
<td>Skin:</td>
<td>Wash with soap and water. Get medical attention if irritation develops.</td>
</tr>
<tr>
<td>Note to Physicians:</td>
<td>Treat symptomatically.</td>
</tr>
</tbody>
</table>

### SECTION 5. FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extinguishing Media:</td>
<td>Use water fog, foam, dry chemical or carbon dioxide to extinguish flames.</td>
</tr>
<tr>
<td>Unsuitable Extinguishing Media:</td>
<td>DO NOT use forcible water.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>Wear self-contained breathing apparatus and protective clothing if involved in a fire of other materials.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>Not known</td>
</tr>
<tr>
<td>Special Hazards Arising from the Substance or Mixture:</td>
<td></td>
</tr>
<tr>
<td>Hazardous Combustion Products:</td>
<td>CO, CO₂, Oxides of sulfur</td>
</tr>
<tr>
<td>Other Properties:</td>
<td>None</td>
</tr>
<tr>
<td>Advice for Firefighters:</td>
<td>None</td>
</tr>
</tbody>
</table>

### SECTION 6. ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Precautions, Protective</td>
<td>Eliminate all ignition sources. Evacuate surrounding areas.</td>
</tr>
<tr>
<td>Equipment and Emergency Procedures:</td>
<td>Should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.</td>
</tr>
<tr>
<td>Environmental Precautions:</td>
<td>Sweep material and place in a disposal container. Dispose of via a licensed waste disposal contractor.</td>
</tr>
<tr>
<td>Methods and Material for Containment and Cleaning up:</td>
<td></td>
</tr>
<tr>
<td>Reference to Other Sections:</td>
<td>None</td>
</tr>
</tbody>
</table>

### SECTION 7. HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautions for Safe Handling:</td>
<td>Put on appropriate personal protective equipment (see SECTION 8). Workers should wash hands and face before eating, drinking and smoking. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.</td>
</tr>
<tr>
<td>Conditions for Safe Storage, Including Any Incompatibilities:</td>
<td>Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.</td>
</tr>
<tr>
<td>Specific End Uses:</td>
<td>Lubricating grease.</td>
</tr>
</tbody>
</table>
SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: Oil mist, mineral: ACGIH; TLV-TWA 5 mg/m³ (as oil mist).

Exposure Controls:

Engineering Controls: When mist is generated, the limited part should be ventilated.

Personal Protection Equipment(s):

Respiratory Protection: ☐ Required ☒ Not Required Not ordinarily required.

Eye/Face Protection: ☒ Required ☐ Not Required Wear safety glasses.

Skin Protection: ☒ Required ☐ Not Required To prevent contact, wear impervious clothing such as gloves, apron.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Appearance: Yellow, Semi-Fluid
Odor: Bland odor
pH: No data available
Boiling Point/Range (°C): Not applicable
Melting Point/Range (°C): Not applicable
Decomposition Temperature (°C): Not applicable
Flash Point (°C): 200 SETA
Flammable (Explosive) Limits: No data available
Autoignition Temperature(°C): No data available
Flammability: No data available
Explosive Properties: Not applicable
Oxidizing Properties: Not applicable
Vapor Pressure: No data available
Vapor Density: No data available
Density/Specific Gravity: Ca. 0.86 (25°C)
Water Solubility: Negligible
Fat Solubility: No data available
Partition Coefficient (n-Octanol/Water): No data available
Percent Volatile (%): No data available
Evaporation Rate: Not applicable
Viscosity (m Pa s): Not applicable
Other Information: None
SECTION 10. STABILITY AND REACTIVITY

Reactivity:  Not known
Chemical Stability:  ☑ Stable  □ Unstable
Possibility of Hazardous Reactions:  □ May Occur  ☑ Will Not Occur
Conditions to Avoid:  Heat, sparks, flames, and other ignition sources.
Incompatible Materials:  Acids. Oxidizing agents such as H2O2, permanganates and perchlorates. Halogens and halogenated compounds.
Hazardous Decomposition Products:  CO, CO₂ Oxides of sulfur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:  Oral rats LD50: > 5000 mg/kg: Not classified
                  Dermal rats LD50: > 5000 mg/kg: Not classified
                  Inhalation (vapor): No data available
                  Inhalation (mist): No data available
Skin corrosion/irritation:  No data available
Serious eye damage/eye irritation:  No data available
Sensitization-respiratory:  No data available
Sensitization-skin:  No data available
Germ cell mutagenicity:  No data available
Carcinogenicity:  Base oil, Thickener, Additives: Not listed by IARC, OSHA, NTP, EU and ACGIH.
Toxic to Reproduction:  No data available
Specific target organ systemic toxicity following single exposure:  No data available
Specific target organ systemic toxicity following repeated exposure:  No data available
Aspiration Toxicity:  No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:
Aquatic:  No data available
Terrestrial:  No data available
Persistence/ Degradability:  No data available
Bio accumulative potential:  No data available
Mobility in soil:  No data available
Results of PBT and vPvB assessment:  None
Other Adverse Effects:  None
SECTION 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:
Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

SECTION 14. TRANSPORT INFORMATION

UN#: None
UN Proper Shipping Name: None
Transport Hazard Class(es): None
Packing Group: None
Environmental Hazards: None
Marine Pollutant: □ Yes Chemical name (wt%) __________________________
□ No
Special Precautions for User: None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: None

SECTION 15. REGULATORY INFORMATION

EU Information:
Hazardous Component(s): None
Classification (67/548/EEC or 1999/45EC):
Symbol & Indication: Not required
R-Phrase: Not required
S-Phrase: Not required
Dangerous Component(s): None
Special Precautions under 67/548/EEC Article 8 and 13 or 1999/45/EC Annex V:
Not required
Specific Provisions in Relation to Protection of Man or the Environment:
76/769/EEC: Not regulated
(EC) 2037/2000: Not regulated
(EC) 304/2003: Not regulated
(EC) 1907/2006 Title VII: Not regulated
(EC) 1907/2006 Title VIII: Not regulated
Others: None
USA Information:
Information on the Label under OSHA HCS:
Signal Word(s): Not required
Hazard Warning: Not required
Safety Advice: Not required
Hazardous Component(s): Not required
SARA Title III, 313:
Chemical Name: None Wt%:
California Proposition 65:
Chemical Name: None Wt%:
## SECTION 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Other Information:</th>
<th>None</th>
</tr>
</thead>
</table>

**Literature Reference:**

- U.S. Environmental Protection Agency, 40CFR Part 372.
- Title III of the Superfund Amendments and Reauthorization Act of 1986.
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices.
- DFG, list of MAK and BAT Values.

**Abbreviations:**

EU: European Union.

OSHA PEL: PEL (Permissible Exposure Limit) under Occupational Safety and Health Administration.

ACGIH TLV: TLV (Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.


DFG MAK: MAK (Maximale Arbeitsplatz-Konzentration) under Deutsche Forschung gemeinschaft.

PBT: Persistent, Bio accumulative and Toxic.

vPvB: Very Persistent and very Bio accumulative.