

**SECTION 1. CHEMICAL PRODUCT AND COMPANY NAME**

**Hammer Bit Grease 100ML**  
**Part No. 194683-7**  
**HM & HR Series**

**Safety Data Sheet**

Complies with the OSHA Hazard  
Communication Standard :  
29 CFR 1910 1200

Makita U.S.A., Inc. 14930-C Northam Street La Mirada, CA 90638	Prepared By : Stan Rodrigues
	Date Revised: 12/13/2016

**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**

**Hazards Category**

**Acute Toxicity(Oral):** Category 4

**Respiratory/Skin Sensitizer:** Category 1

**Hazardous to The Aquatic Environment(Acute):** Category 3

**Hazardous to The Aquatic Environment(Chronic):** Category 3

The one without the description cannot be classified.

**Allocation of Label Elements**

Pictogram

**Exclamation mark**



**Signal Word:**

Warning

**Hazard Statement**

Harmful if swallowed

May cause an allergic skin reaction

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

### SECTION 3. COMPOSITION, INFORMATION OR INGREDIENTS

Ingredients and Contents		
Component name	CAS number	wt%
Mineral oil	Trade secret	80~90
Lithium soap	Trade secret	5~10
2,6 Di-tert-butyl-p-cresol	128 -37- 0	<1

### SECTION 4. FIRST AID MEASURE

<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you are no feeling well.
<b>Skin:</b>	Wash with plenty of soap and water. Call a physician if you are not feeling well..
<b>Eye:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
<b>Ingestion:</b>	Rinse mouth. Do not induce vomiting. Call a physician.

### SECTION 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media:</b>	Dry chemical, carbon dioxide(CO <sub>2</sub> ), and foam
<b>Specific Fire Fighting:</b>	Must not use water to extinguish fires. Quickly removed from the surrounding flammable. The use of extinguishing agents specified. Firefighting is done from the windward. On small fires use carbon dioxide (CO <sub>2</sub> ) or dry chemical. On large fires use dry chemical or foam. Sealed containers that are exposed to high temperatures over the water to cool.
<b>Protection for Fire-Fighter:</b>	Wear full body protective clothing with breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Wear protective equipment's in case of operation.
<b>Environmental Precautions:</b>	Avoid release to the environment.
<b>Methods for Cleaning Up:</b>	Remove potential ignition source in vicinity as soon as possible. Prepare extinguishing agent. Prevent leakage by enclosing with nonflammables and collect into empty container by scoop or the like. Absorbed to non-flammable dry sand, if a large amount of spill to prevent enclosed in embankment Spilled material is collected in a container that can be sealed, then remove to safe place. Deposits, waste treatment is based on the local regulations. Working from the windward, to evacuate people downwind.

**SECTION 7. HANDLING AND STORAGE**

<b>Handling:</b>	<p>Use in a well-ventilated area.</p> <p>Keep away from heat, spark and flames.</p> <p>Use spark-proof tools and explosion-proof equipment.</p> <p>After handling, wash well hands and face and rinse your mouth.</p> <p>Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower.</p> <p>Leakage, overflow, to prevent scattering, we do not generate steam in vain.</p> <p>In the handling area and deny unnecessary entry.</p> <p>Resting place shall not bring contaminated protective equipment such as gloves.</p> <p>Wear protective equipment's when risk of exposure occurs.</p> <p>To work in an enclosed area that you work with appropriate protective equipment with a local exhaust ventilation sufficient</p>
<b>Precautions:</b>	<p>Do not breathe vapor or mist</p> <p>Handling of the outdoors, as much as possible to work from the windward.</p>
<b>Handling Precautions for Safety:</b>	<p>Avoid physical damage to containers.</p> <p>Keep containers securely sealed when not in use.</p>
<b>Storage:</b>	<p>Fire prohibited strictly,</p> <p>Keep away from sources of ignition.</p> <p>Store in a cool, dry, well-ventilated area away from incompatible substances.</p> <p>Separate from oxidizing materials.</p> <p>Store in a tightly closed container.</p>
<b>Safe Containers and Packaging Materials:</b>	<p>None in particular.</p>

**SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<b>Engineering Controls:</b>	<p>Handling equipment is used explosion-proof.</p> <p>Ventilation fans and other electrical service must be non-sparking and have an explosion-proof design. That the equipment and shall become hot, and the source of ignition in the vicinity of the location, such</p> <p>Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.</p>
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<b>Exposure Limit Values:</b>	
<b>Chemical name</b>	<b>ACGIH</b>
Mineral oil	TWA 5mg/m3(mist)
2,6-Di-tert-butyl-p-cresol	TWA 2mg/m3(IFV)

<b>Personal Protective Equipment</b>	
<b>Respiratory Protection:</b>	Wear a gas mask for organic gas as required.
<b>Skin Protection:</b>	Oil-resistant gloves
<b>Eye Protection:</b>	Wear chemical worker's goggles.
<b>Skin and Body Protection:</b>	Such as long-sleeved work clothes
<b>Hygiene Measures:</b>	<p>Do not eat, drink or smoke during work.</p> <p>Replacement of the adsorbent, such as the mask is performed each time or use plans.</p>

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Semi-solid
<b>Color:</b>	Brown
<b>Odour:</b>	Oil odor
<b>pH:</b>	Not available
<b>Boiling Point (°C):</b>	Not available
<b>Melting Point (°C):</b>	Not available
<b>Flash point (°C):</b>	≥200 (Base oil)
<b>Auto-ignition Temperature (°C):</b>	Not available
<b>Flammability or Explosive Limits:</b>	
<b>Lower</b>	Not available
<b>Upper</b>	Not available
<b>Vapour Pressure (KPa):</b>	Not available
<b>Vapour Density:</b>	Not available
<b>Relative density(g/cm<sup>3</sup>):</b>	0.91
<b>Solubility:</b>	Insoluble in water
<b>Partition Coefficient: n-octanol/water:</b>	Not available
<b>Decomposition Temperature (°C):</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal temperatures and pressures.
<b>Reactivity:</b>	No self-reactive
<b>Conditions to Avoid:</b>	Heat, flames, ignition sources and incompatibles.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide and other oxidized substances.

## SECTION 11. TOXICOLOGICAL INFORMATION

Chemical name	Acute toxicity (oral)	Acute toxicity (dermal)	Acute toxicity (inhalation: gas)	Acute toxicity (inhalation: vapour)	Acute toxicity (inhalation: dust, mist)	Skin corrosion /irritation	Serious eye damage / eye irritation
Mineral oil	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Lithium soap	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
2,6-Di-tert-butyl-p-cresol	Category 4	Category 5	Not applicable	Classification not possible	Classification not possible	Category 3	Category 2B

**CONTINUED: SECTION 11. TOXICOLOGICAL INFORMATION**

<b>Chemical name</b>	<b>Respiratory / skin sensitizer</b>	<b>Germ cell mutagenicity</b>	<b>Carcinogenicity</b>	<b>Toxic to reproduction</b>	<b>Specific target organs/systemic toxicity following single exposure</b>	<b>Specific target organs/systemic toxicity following repeated exposure</b>	<b>Aspiration hazard</b>
Mineral oil	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Lithium soap	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
2,6-Di-tert-butyl-p-cresol	Respiratory sensitizer: Not classified; Skin sensitizer: Category 1	Not classified	Not classified	Not classified	Category 1 (nervous system)	Category 2 (lung, liver, thyroid gland)	Classification not possible

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Chemical name</b>	<b>Hazardous to the aquatic environment (Acute)</b>	<b>Hazardous to the aquatic environment (Chronic)</b>
Mineral oil	Classification not possible	Classification not possible
Lithium soap	Classification not possible	Classification not possible
2,6-Di-tert-butyl-p-cresol	Category 1	Category 1

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose of contents /container in accordance with local / regional / national / international regulations.

**SECTION 14. TRANSPORT INFORMATION**

<b>UN Class:</b>	Not regulated
<b>UN No.:</b>	Not regulated
<b>Packing Group:</b>	Not regulated

## **SECTION 15. REGULATORY INFORMATION**

Follow all regulations in your country.

## **SECTION 16. OTHER INFORMATION**

References:           JIS Z 7250  
                          GHS data-base (NITE)

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.