

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

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

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media:	Dry chemical, carbon dioxide(CO ₂), and foam
Specific Fire Fighting:	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 ₂) or dry chemical. On large fires use dry chemical or foam. Sealed containers that are exposed to high temperatures over the water to cool.
Protection for Fire-Fighter:	Wear full body protective clothing with breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective equipment's in case of operation.
Environmental Precautions:	Avoid release to the environment.
Methods for Cleaning Up:	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

Handling:	<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>
Precautions:	<p>Do not breathe vapor or mist</p> <p>Handling of the outdoors, as much as possible to work from the windward.</p>
Handling Precautions for Safety:	<p>Avoid physical damage to containers.</p> <p>Keep containers securely sealed when not in use.</p>
Storage:	<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>
Safe Containers and Packaging Materials:	<p>None in particular.</p>

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	<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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Exposure Limit Values:	
Chemical name	ACGIH
Mineral oil	TWA 5mg/m3(mist)
2,6-Di-tert-butyl-p-cresol	TWA 2mg/m3(IFV)

Personal Protective Equipment	
Respiratory Protection:	Wear a gas mask for organic gas as required.
Skin Protection:	Oil-resistant gloves
Eye Protection:	Wear chemical worker's goggles.
Skin and Body Protection:	Such as long-sleeved work clothes
Hygiene Measures:	<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

Physical State:	Semi-solid
Color:	Brown
Odour:	Oil odor
pH:	Not available
Boiling Point (°C):	Not available
Melting Point (°C):	Not available
Flash point (°C):	≥200 (Base oil)
Auto-ignition Temperature (°C):	Not available
Flammability or Explosive Limits:	
Lower	Not available
Upper	Not available
Vapour Pressure (KPa):	Not available
Vapour Density:	Not available
Relative density(g/cm³):	0.91
Solubility:	Insoluble in water
Partition Coefficient: n-octanol/water:	Not available
Decomposition Temperature (°C):	Not available

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures.
Reactivity:	No self-reactive
Conditions to Avoid:	Heat, flames, ignition sources and incompatibles.
Hazardous Decomposition Products:	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

Chemical name	Respiratory / skin sensitizer	Germ cell mutagenicity	Carcinogenicity	Toxic to reproduction	Specific target organs/systemic toxicity following single exposure	Specific target organs/systemic toxicity following repeated exposure	Aspiration hazard
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

Chemical name	Hazardous to the aquatic environment (Acute)	Hazardous to the aquatic environment (Chronic)
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

UN Class:	Not regulated
UN No.:	Not regulated
Packing Group:	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.