

## Section 1. Chemical Product and Company Name

**Hammer Bit Grease**  
**Part No. 194683-7**

## Safety Data Sheet

Complies with the OSHA Hazard  
Communication Standard:  
29 CFR 1910.120

Makita U.S.A. Inc.  
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La Mirada, CA 90638

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## Emergency Contact Information

<b>Telephone Number for Information:</b>	Makita 510-657-9881
<b>Emergency Response:</b>	For Chemical Emergency Spills, Leaks, Fire Exposure or Accidents Call CHEMTREC, Day or Night Within USA and Canada 1-800-424-9300

## Section 2. Hazards Identification

### Hazards Category

<b>Reproductive Toxicity:</b>	Category 2
<b>Hazardous to The Aquatic Environment (Acute):</b>	Category 3
<b>Hazardous to The Aquatic Environment (Chronic):</b>	Category 3

**The one without the description cannot be classified.**

### Allocation of Label Elements

**Pictogram:** Health Hazard



**Signal Word:** Warning

**Hazard Statement:** May cause infertility or harm to an unborn child  
May cause harm to breast-fed children  
Harmful to aquatic life  
Harmful to aquatic life with long lasting effects

### Section 3. Composition/ Information on 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 Measures

<b>Inhalation:</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if necessary.
<b>Skin:</b>	Wash with plenty of soap and water. If skin irritation occurs, seek medical attention.
<b>Eye:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if necessary.
<b>Ingestion:</b>	Rinse mouth. Do not induce vomiting. Seek medical attention if necessary.

### Section 5. Fire Fighting Measures

<b>Extinguishing Media:</b>	Use dry chemical, carbon dioxide (CO <sub>2</sub> ) and foam to extinguish fire.
<b>Specific Fire Fighting:</b>	Do not use water to extinguish fire. Remove flammable materials in surrounding area immediately in case of fire. Use the specified extinguishing agents. Fires should be approached from windward. On small fires use carbon dioxide (CO <sub>2</sub> ) or dry chemical. On large fires use dry chemical or foam. Sealed containers exposed to high temperatures should be cooled with water.
<b>Protection of Fire Fighter:</b>	Wear full body protective clothing with breathing apparatus.

## Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Wear suitable protective equipment.
<b>Environmental Precautions:</b>	Avoid environmental contamination.
<b>Methods for Cleaning Up:</b>	Remove potential ignition sources in the vicinity as soon as possible. Prepare extinguishing agent. Prevent leakage by using suitable containers and absorbent material. Absorbed to non-flammable dry sand if a large amount of spill to prevent enclosed embankment. Collect spilled material in a container that can be sealed, then remove to a safe place. Dispose of waste in accordance with local regulations. Working from windward, to evacuate people downwind.

## Section 7. Handling and Storage

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

## Section 8. Exposure/Personal Protection

<b>Engineering Controls:</b>	Handling equipment is used explosion-proof. Attach an exhaust device to prevent vapor from staying. Avoid placing hot materials in the vicinity of ignition sources. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
<b>Exposure Limit Values:</b>	
<b>Chemical name</b>	<b>ACGIH</b>
Mineral oil	TWA 5mg/m <sup>3</sup> (mist)
2,6-Di-tert-butyl-p-cresol	TWA 2mg/m <sup>3</sup> (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 workers goggles.
<b>Skin and body protection:</b>	Such as long-sleeved work clothes.
<b>Hygiene Measures:</b>	Do not eat, drink or smoke while working grease. Masks should be replaced after each use.

## Section 9. Physical and Chemical Properties

<b>Physical State:</b>	Semi-solid
<b>Color:</b>	Brown
<b>Odor:</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>Vapor Pressure (KPa):</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative Density (g/cm<sup>3</sup>):</b>	Not available
<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 pressure.
<b>Reactivity:</b>	Not 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: Vapor)	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	Not applicable to category	Not applicable to category	Not applicable to category	Not applicable to category	Classification not possible	Not applicable to category	Category 2B

Chemical Name	Respiratory/ Skin Sensitizer	Germ Cell Mutagenicity	Carcinogenicity	Toxic to Reproduction	Specific Target Organs/ Systemic Toxicity Following Repeated 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. Classification not possible; Skin sensitizer. Not possible	Classification not possible	Classification not possible	Category 2	Category 1 (nervous system)	Category 2 (lung, liver)	Classification not possible

## Section 12. Ecological Information

Chemical Name	Hazardous to the Aquatic Environment (Acute)	Hazardous to the Aquatic Environment (Chronic)	Hazard to the Ozone Layer
Mineral Oil	Classification not possible	Classification not possible	Classification not possible
Lithium soap	Classification not possible	Classification not possible	Classification not possible
2,6-Di-tert-butyl-p-cresol	Category 1	Category 1	Classification not possible

## Section 13. Disposal Considerations

Dispose contents in accordance with applicable local, state and federal regulations.

## Section 14. Transport Information

UN Class	Not Regulated
UN No.	Not Regulated
Packing Group	Not Regulated

## Section 15. Regulatory Information

Follow all local, state and federal regulations.

## Section 16. Other Information

### References:

JIS Z 7253 (2019)

GHS database (NITE)

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