

SECTION 1. CHEMICAL PRODUCT AND COMPANY NAME

**Hammer Grease
Part No. A-90582**

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: 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
Health Hazards:	Corrosive to metals:	Not classified
	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

Ingredient(s):

Chemical Name / Generic Name	CAS#	EC#	Wt%	EU symbol	EU R-Phrase	USA OSHA PEL	ACGIH TLV	EU ILV	DFG MAK
Refined mineral base oil	Confidential	Confidential	45-55	None	None	5mg/m ³ (TWA: as oil mist)	5mg/m ³ (TWA as oil mist):	Not established	Not established
Synthetic hydrocarbon base oil	Confidential	Confidential	40-50	None	None	Not established	Not established	Not established	Not established
Lithium soap thickener	Confidential	Confidential	1- 10	None	None	Not established	Not established	Not established	Not established
Additives	Confidential	Confidential	1- 5	None	None	Not established	Not established	Not established	Not established
(Organic molybdenum.)	68412-26-0	270-180-5	<1	None	None	15 mg/m ³ TWA: Total dust as Mo	10 mg/m ³ TWA: Insoluble compounds, as Mo	Not established	Not established

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

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

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media:	
Extinguishing Media:	Use water fog, foam, dry chemical or carbon dioxide to extinguish flames.
Unsuitable Extinguishing Media:	DO NOT use forcible water. Wear self-contained breathing apparatus and protective clothing if involved in a fire of other materials.
Special Fire Fighting Procedures:	
Unusual Fire and Explosion Hazards:	Not known
Special Hazards Arising from the Substance or Mixture	
Hazardous Combustion Products:	CO, CO ₂ , Oxides of sulfur
Other Properties:	None
Advice for Firefighters:	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:	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.
Conditions for Safe Storage, Including Any Incompatibilities:	Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.
Specific End Uses:	Lubricating grease.

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:	<input type="checkbox"/> Required	<input checked="" type="checkbox"/> Not Required	Not ordinarily required.
Eye/Face Protection:	<input checked="" type="checkbox"/> Required	<input type="checkbox"/> Not Required	Wear safety glasses.
Skin Protection:	<input checked="" type="checkbox"/> Required	<input type="checkbox"/> 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:	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
Possibility of Hazardous Reactions:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur
Conditions to Avoid:	Heat, sparks, flames, and other ignition sources.
Incompatible Materials:	Acids. Oxidizing agents such as H ₂ O ₂ , permanganates and perchlorates. Halogens and halogenated compounds.
Hazardous Decomposition Products:	CO, CO ₂ 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, Thickeners, 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.
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SECTION 14. TRANSPORT INFORMATION

UN#:	None
UN Proper Shipping Name:	None
Transport Hazard Class(es):	None
Packing Group:	None
Environmental Hazards:	None
Marine Pollutant:	<input type="checkbox"/> Yes Chemical name (wt%) _____ <input checked="" type="checkbox"/> 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:	
Classification (EC1272/2008):	See SECTION 2.
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

Other Information: None

Literature Reference:

- U.S. Department of Labor, 29CFR Part 1910.
- U.S. Environmental Protection Agency, 40CFR Part 372.
- U.S. Consumer Product Safety Commission, 16CFR Part 1500.
- Safe Drinking Water and Toxic Enforcement Act of 1986.
- 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.
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens.
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans.
- DFG, list of MAK and BAT Values.
- EU Directive 76/769/EEC, 67/548/EEC, 88/379/EEC, 1999/45/EC and their amendments.
- EU Regulation (EC) 3093/94, (EEC) 2455/92, (EC) 1907/2006, (EC) 1272/2008 and their amendments.

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.
EU ILV: Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC, 2000/39/EC and 2006/15/EC.
DFG MAK: MAK (Maximale Arbeitsplatz-Konzentration) under Deutsche Forschung gemeinschaft.
PBT: Persistent, Bio accumulative and Toxic.
vPvB: Very Persistent and very Bio accumulative.