

Safety Data Sheet (SDS)

1. Identification of the substance/preparation and of the company/undertaking

Product name: LS BELL HAMMER Cartridge No.0
Manufacturer/Supplier: SUZUKI KIKOH CO., LTD.
Address: 316-3 Matsuhidai, Matsudo, Chiba, 270-2214
Department: --
Tel: +81-47-385-5311
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Emergency telephone: +81-47-385-5311
Email: --
Recommended use of the chemical and restrictions on use: Lubricant. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

2. Hazard Identification

GHS classification

Physical hazards	Explosives	Not applicable
	Flammable gases	Not applicable
	Flammable aerosols	Not applicable
	Flammable, oxidizing gases	Not applicable
	Gases under pressure	Not applicable
	Liquefied gases	Not applicable
	Flammable liquids	Classification not possible
	Flammable solids	Not applicable
	Pyrophoric liquids	Classification not possible
	Pyrophoric solids	Not applicable
	Substances and mixtures, which in contact with water, emit flammable gases	Not classified
	Oxidizing liquids	Classification not possible
	Oxidizing solids	Not applicable
	Organic peroxides	Classification not possible
	Self-heating substances and mixtures	Classification not possible
Corrosive to metals	Not classified	
Health hazards	Acute toxicity (oral)	Not classified
	Acute toxicity (dermal)	Not classified
	Acute toxicity (inhalation: gases)	Not classified
	Acute toxicity (inhalation: vapour)	Not classified
	Acute toxicity (inhalation: dust and mist)	Category 4
	Skin corrosion/irritation	Category 3
	Serious eye damage/eye irritation	Category 2B
	Respiratory sensitizer	Not classified
	Skin sensitizer	Not classified
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Not classified
Reproductive toxicity	Not classified	

	Specific target organ toxicity following single exposure	Category 2 (lung)
	Specific target organ toxicity following repeated exposure	Category 4 (lung, skin)
	Aspiration hazard	Category 1
Environmental hazards	Acute hazards to the aquatic environment	Not classified
	Chronic hazards to the aquatic environment	Not classified
	Hazard to the ozone layer	Not classified

GHS Label elements:	
Signal word	Danger
Symbol	
Hazard statement	<p>H304: May be fatal if swallowed and enters airways.</p> <p>H316: Causes mild skin irritation.</p> <p>H320: Causes eye irritation.</p> <p>H332: Harmful if inhaled.</p> <p>H340: May cause genetic defects.</p> <p>H371: May cause damage to organs (lung).</p> <p>H372: Cause damage to organs (lung, skin) through prolonged or repeated exposure.</p>
Precautionary Statements	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P260: Do not breathe fume/gas/mist/vapour/spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P271: Use only outdoors or in a well-ventilated area.</p> <p>P281: Use personal protective equipment as required.</p>
Response Precautionary Statements	<p>P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P331: Do NOT induce vomiting.</p> <p>P332+P313: If skin irritation occurs: get medical advice/attention.</p> <p>P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P312: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do—continue rinsing.</p> <p>P337+P313: If eye irritation persists: get medical advice/attention.</p> <p>P308+P313: IF exposed or concerned: Get medical advice/attention</p> <p>P309+P311: IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.</p>
Storage precautionary statements	P405: Store locked up.
Disposal precautionary statements	P501: Dispose of contents/container according to relevant local and national regulations.

3. Composition/information on ingredients

Product description:	substance (); preparation/mixture (√)
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Ingredient (s)	By weight (%)	Chemical formula	MITI No.	CAS No.	PRTR Government ordinance No.	Notified information of hazardous and dangerous substances under Industry Safety and Health Law (Government ordinance No.)
Mineral oil (refined)	60-70	unspecified	Not applicable	trade secret	Not applicable	Article 18-2, Attached Table 9-168 of Cabinet order
Thickening agent (lubricating soap containing calcium)	25-35	unspecified	Not applicable	trade secret	Not applicable	Not applicable
Additives	3-10	unspecified	Not applicable	trade secret	Not applicable	Not applicable

4. First-aid measures

Adverse effects are not expected from this product. The following measures are for precautionary purpose.

After inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
After skin contact	Wash with soap and water. Wash contaminated clothes before reuse. Get medical attention if irritation occurs.
After eyes contact	Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing. If irritation persists, seek medical care.
After ingestion	Rinse mouth. Do not induce vomiting without professional guide. Immediately call a POISON CENTER or doctor/physician.
Acute effect and delayed effect	Acute effect: May be fatal if swallowed and enters airways. Causes mild skin irritation. Causes eye irritation. Harmful if inhaled. May cause damage to organs (lung). Delayed effect: Cause damage to organs (lung, skin) through prolonged or repeated exposure.
Personal protective equipment	Wear protective gloves/clothing/safety glasses/respirators when necessary.
Indication of immediate medical attention and treatment needed, if necessary	Treat according to symptoms.

5. Fire-fighting measures

Extinguishing Media	Use CO ₂ , chemical powder and foam for extinction. Do not use water spray.
Specific Hazards Arising from the Chemical	No special fire hazard under normal conditions.

Fire Fighting Method (General method)	Shut off air supply. Extinguish fire from upwind and cool down containers by water spray. Remove containers from fire area if it can be done without risk. Deny unnecessary entry to the place around the fire.
Fire Fighting Equipment	Firefighters must extinguish fire from upwind and wear full protective equipment. Wear impermeable gloves when skin protection. Wear respiratory protection as it may lack of oxygen or hazardous gas may be inhaled.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Deny unnecessary entry to the place around the release place. Use proper personal protective equipment as indicated in Section 8. Stop the leakage if it can be done without risk. Do not contact spills.
Environmental precautions	Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.
Methods and material for containment and cleaning up	Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container. For large spills, dike with earth and sand, etc. to prevent further spills. Flush the contaminated surface with water.
Precautionary measures for secondary hazard	Prevent leakage from flowing into enclosed space (e.g. drain, sewer, basement, etc.).

7. Handling and storage

Handling	
Technical measures	Use proper personal protective equipment as indicated in Section 8.
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe fume/gas/mist/vapour/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Handle with care to avoid damage of packaging.
Storage	
Conditions for safe storage	Store in a cool, well-ventilated and dry place. Avoid long-time exposure to direct sunlight. Store locked up. Keep out the reach of children.
Incompatible substances or mixtures	Strong oxidants.
Appropriate technical measures	Paste a label on each container indicating possible hazards and precautions. Do not stack too high to avoid falling down.
Packing materials	Recommend using sealed plastic containers.

8. Exposure controls/personal protection**Control parameters:**

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA	Japan Industry & Health Association-PELs
Mineral oil (refined)	5mg/m ³	5mg/m ³	3mg/m ³

Engineering Controls	Install eye washer and safety shower near handling and storage area. Provide local exhaust system or explosion-proof devices.
Personal Protective Equipment	
Respiratory Protection	When high concentration of vapour occurs, wear respiratory protective equipment (e.g. supplied-air respirator, breathing apparatus, etc.) and eye protective equipment (e.g. goggles).
Protection of hands	Wear impermeable rubber gloves
Protection of eyes	Wear safety glasses when liquid may splash.
Protection of body	Wear appropriate protective equipment (e.g. impermeable gloves, protective boots, etc.)
General protective and hygienic measures	Wash hands before breaks and at the end of work. Do not inhale vapour generated from processing. Avoid contact with eyes and skin.

9. Physical and chemical properties

General Information	
Form	Semi-solid
Colour	Light brown
Odour	Slight
pH	No data available
Melting point/Melting range	No data available
Boiling point/Boiling range	No data available
Flash point	>200°C
Self-igniting Temperature	No data available
Flammability (solid, gas, etc.)	Not applicable
Flammable/Explosive Limits	Lower: 1 (estimated), upper: 7 (estimated)
Vapour pressure	No data available
Vapour density	No data available
Evaporation Rate (Butyl acetate=1)	No data available
Specific gravity	Approximately 1.0 (25°C)
Solubility	Insoluble in water
n-octanol/Water Partition Coefficient	No data available
Volatile organic compound (VOC)	No data available
Decomposition temperature	No data available
Viscosity	No data available

10. Stability and reactivity

Stability	Stable under normal temperatures and pressures.
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Possibility of hazardous Reactions	No relevant information.
Conditions to avoid	Avoid long-time exposure to direct sunlight and heating. Keep out the reach of children.
Materials to avoid	Strong oxidants, acids and alkalis.
Hazardous Decomposition Products	Hazardous fume and gas (e.g. carbon oxides) may be released from heating.

11. Toxicological information

Acute toxicity: The toxicity data of this product has not been determined by testing or research, the toxicity data shown below is for reference only.	
LD 50/LC50 (Median lethal dose)	
Acute toxicity (Oral)	Mineral oil (refined): LD50 > 5,000mg/kg (rat) Classification of the whole product: not classified.
Acute toxicity (Dermal)	Mineral oil (refined): LD50 > 5,000mg/kg (rat) Classification of the whole product: not classified.
Acute toxicity (Inhalation)	Mineral oil (refined): LC50: 2.18mg/l/4(rat) Classification of the whole product: Category 4
Skin corrosion/irritation	Mineral oil (refined): Category 3 Classification of the whole product: Category 3
Serious eye damage/eye irritation	Mineral oil (refined): Category 2B Classification of the whole product: Category 2B
Respiratory sensitizer	No relevant classification for this product.
Skin sensitizer	No relevant classification for this product.
Germ cell mutagenicity	Mineral oil (refined): Category 2 Classification of the whole product: Category 2
Carcinogenicity	No relevant classification for this product.
Reproductive Toxicity	No relevant classification for this product.
Specific target organ toxicity following single exposure	Mineral oil (refined): Category 2 (lung) Classification of the whole product: Category 2 (lung)
Specific target organ toxicity following repeated exposure	Mineral oil (refined): Category 1 (lung, skin) Classification of the whole product: Category 1 (lung, skin)
Aspiration hazard	Mineral oil (refined): Category 1 Classification of the whole product: Category 1

12. Ecological information

Mobility in Soil	No data available.
Persistence and Degradability	No data available.
Bioaccumulative Potential:	No data available.
Ecotoxicity	No data available.

13. Disposal considerations

Disposal of waste	Minimize the hazard of waste by the methods of neutralization and stabilization.
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	<p>Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.</p> <p>After contents are completely removed, dispose of its container at hazardous or special waste collection point.</p> <p>Paste a label on the container indicating the possible hazards of the waste.</p>
Disposal of contaminated containers and packaging	<p>Cleaning containers according to relevant criteria and regulations.</p> <p>Remove contents thoroughly before disposal.</p>

14. Transport Information

International laws and regulations	
DOT/Air-Transportation-IATA/ICAO/Sea-Transportation-IMO/IMDG	
UN No.	Not applicable
Proper Shipping Name	Not regulated
Hazard Class	Not applicable
Packing Group	Not applicable
Marine Pollutant	Not applicable
Pictogram	Not applicable
Domestic laws and regulations	
Hazard class	Not applicable
UN No.	Not applicable
Proper Shipping Name	Not regulated
Packing Group	Not applicable
Land transportation (Fire-Fighting Law)	Category 4 (Flammable liquid): The fourth petroleum category
Sea transportation (Safety of Ships Law)	Not applicable
Air transportation (Aviation Law)	Not applicable
Emergency response guideline No.	Not applicable
Special precautions for user	Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. Regulatory information

Fire-Fighting Law	Category 4 (Flammable liquid): The fourth petroleum category (200°C-250°C)
Industry Safety and Health Law	
Notified information of hazardous and dangerous substances under this law	Mineral oil (refined): Article 18-2, Attached Table 9-168 of Cabinet order
Poisonous and Deleterious Substances Control Law	As for the whole product, no relevant classification according to this Law.

PRTR	Specified Class 1-chemicals under this law: not listed. Class 1-chemicals under this law: not listed. Class 2-chemicals under this law: not listed.
Law of Water Pollution Prevention	No relevant information.
Sewer Law	No relevant information.
Law of Air Pollution Prevention	No relevant information.
Law of Ocean Pollution Prevention	Avoid release to environment.
Laws of Waste Disposal and Cleaning	Dispose it according to laws of industrial waste disposal (Avoid spreading and leaking).
International Laws and Regulations	
67/548/EEC Annex I	No relevant classification.
TSCA (Toxic Substance Control Act)	As no specific CAS numbers, there is no relevant information can be found in the U.S. Toxic Substances Control Act Chemical Substance Inventory List.
Air Purification Law	This product does not contain any ozone-depleting substances of class I . This product does not contain any ozone-depleting substances of Class II .
Clean Water Act	None of the ingredients of this product are listed as Hazardous Substances under the CWA. None of the ingredients of this product are listed as Priority Pollutants under the CWA. None of the ingredients of this product are listed as Toxic Substances under the CWA.
Carcinogenicity categories	Not listed by ACGIH, IARC and NTP.

16. Other information

References:	1. GHS Technical Documents (Version 4 th and Version 5 th) 2. JIS Z 7253-2014 3. JIS Z 7250-2010 4. Industry Safety and Health Law 5. Poisonous and Deleterious Substances Control Law 6. Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances 7. Fire-Fighting Law 8. PRTR
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