

Safety Data Sheet

1. Identification

Product name : **CARTRIDGE Li GREASE**

Supplier's details

Manufacturer : NICHIMOLY DIVISION DAIZO CORPORATION
Address : 639-Kousyukawahara, Goka-machi, Sashima-gun,
Ibaraki 306-0304 Japan
Name of section : Quality Assurance Dept.
Telephone : +81(280)-80-1577
Monday - Friday, 9:00 am- 5:00 pm
(We are sorry that there is only a reception in Japanese.)
Fax : +81(280)-84-2620

2. Hazard identification

GHS Classification

	Category
Physical Hazard	: —
Health Hazard	
Serious eye damage/eye irritation	: Category2
Environmental Hazard	
Hazardous to the aquatic environment, acute toxicity	: Category3
Hazardous to the aquatic environment, chronic toxicity	: Category3

Pictogram



Signal word : Warning

Hazard statement

Physical Hazard	: —
Health Hazard	: H319 Causes serious eye irritation
Environmental Hazard	: H402 Harmful to aquatic life
	: H412 Harmful to aquatic life with long lasting effects

Precautionary Statement

Prevention	: P202 Do not handle until all safety precautions have been read and understood.
	P264 Wash hand thoroughly after handling.
	P273 Avoid release to the environment.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response	: P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	+P338
	P337+P313 If eye irritation persists: Get medical attention.

Storage : —

Disposal : P501 Dispose of the remaining product and container in accordance with relevant laws and local regulation.

3. Composition/information on ingredients

Substance/mixture : Mixture
Common name : Grease

Ingredient name	CAS No.	mass%
Refined mineral oil	Non-disclosure	80 ~ 90%
Lithium soap	Non-disclosure	5 ~ 15%
Additive	Non-disclosure	≤ 5%

4. First-aid measures

If inhaled : Move to fresh air.
If symptoms develop and persist, get medical attention.
If not breathing, give artificial respiration.

If on skin : Wash with plenty of water.
If skin irritation or rash occurs: Get medical attention.

If in eyes : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

If swallowed : Rinse mouth.
Get immediate medical attention.
Do not induce vomiting.
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Never give anything by mouth to an unconscious person.

Most important symptoms/effects. : Currently, there is no useful information.

5. Fire-fighting measures

Suitable extinguishing media : Use dry chemical, carbon dioxide, chemical foam.
Inappropriate Extinguishing Media: Straight streams of water

Specific hazards arising from the chemical : Generates toxic gas by burning.
Combustion Products: Carbon oxide

Special protective actions for fire-fighters : Wear fire resistant or flame retardant clothing.
Fight fire with normal precautions from a reasonable distance.
Extinguishing activities on windward side.
In case of leakage, eliminate all ignition sources.
If safe to do so, remove the product from the fire area.
Avoid breathing vapor from overheated material.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures : See personal protection recommendations in Section 8.
Evacuate surrounding areas.
Provide adequate ventilation.
Wear appropriate respirator when ventilation is inadequate.

Environmental precautions : Prevent spill from entering drains and waterways
Do not allow to enter the ground / soil.
Avoid release to the environment.

Methods and materials for containment and cleaning up : Stop leak if safe to do so.
For small spills wipe up with paper towel and place in container for disposal.
Absorb spillage to prevent material damage.
Remember, adding an absorbent material does not remove a physical, health, or environmental hazard.
Use spark-proof tools and explosion-proof equipment.
Dispose it by a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling	
Handling	: Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Storage	: Store in accordance with law. Protect from sunlight. Store in a well-ventilated place. Store at temperatures not exceeding 40°C.
Technical measures	: Do not subject to grinding/shock/friction. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatibility	: Strong oxidizing agents

8. Exposure controls/personal protection

Control parameters	:	<table border="1"><thead><tr><th>Ingredient name</th><th>TLV-TWA</th></tr></thead><tbody><tr><td>Refined mineral oil</td><td>5 mg/m³</td></tr></tbody></table>	Ingredient name	TLV-TWA	Refined mineral oil	5 mg/m ³
Ingredient name	TLV-TWA					
Refined mineral oil	5 mg/m ³					
Appropriate engineering controls	:	Ensure adequate ventilation, especially in confined areas.				
Individual protection measures, such as personal protective equipment	:					
Eye/face protection	:	Wear protective gloves/protective clothing/eye protection/face protection. If contact is likely, safety glasses with side shields are recommended.				
Skin protection	:	Use chemical resistant impermeable clothing by suit to prevent skin contact. Chemical/oil resistant clothing is recommended.				
Respiratory protection	:	No personal respiratory protective equipment normally required.				
Thermal hazards	:	Avoid breathing vapor from overheated material. Wear respiratory protection.				

9. Physical and chemical properties

Appearance	:	Semisolid
Colour	:	Light brown
Odor	:	Slight smell
Flash point	:	≥ 190°C

10. Stability and reactivity

Reactivity	:	Stable under normal conditions of storage and use.
Chemical Stability	:	Stable under normal conditions of storage and use.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	:	Keep away from heat, spark and flame.
Incompatible materials	:	strong bases strong acids
Hazardous decomposition products	:	Vapor or toxic gas may be produced during actual use. Carbon oxide

11. Toxicological information

Acute toxicity	:	Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
----------------	---	---

Ingredient name	L D50 (Oral, Rat)
Refined mineral oil	5000 mg/kg

- Skin corrosion/irritation : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Serious eye damage/irritation : Based on the hazard classification and content ratio of the raw material, it is classified.
- Respiratory or skin sensitization : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Germ cell mutagenicity : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Carcinogenicity : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Reproductive toxicity : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Specific target organ toxicity — single exposure : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Specific target organ toxicity — repeated exposure : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.
- Aspiration hazard : Based on the hazard classification and content ratio of the raw material, it is classified as Conclusive but not sufficient for classification, Out of category, or Data lacking.

1 2. Ecological information

- Toxicity : Currently, there is no useful information.
- Persistence and degradability : Currently, there is no useful information.
- Bioaccumulative potential : Currently, there is no useful information.
- Mobility in soil : Currently, there is no useful information.
- Hazardous to the ozone layer : Currently, there is no useful information.
- Hazardous to the aquatic environment, acute toxicity : Based on the hazard classification and content ratio of the raw material, it is classified.
- Hazardous to the aquatic environment, chronic toxicity : Based on the hazard classification and content ratio of the raw material, it is classified.

1 3. Disposal considerations

- Dispose of contents in accordance with all local, regional, national, and international regulations.
- Do not puncture or incinerate container.
- Dispose of waste product in a permitted industrial waste facility.
- Do not dump into sewers, on the ground or into any body of water.
- The product should not be allowed to enter drains or watercourses.

1 4. Transport information

- UN number : Not applicable
- Transport hazard class : Not applicable

- Transport of in accordance with laws and local regulations.
- Confirm no damages, corrosion and leakages of containers before transportation.
- Load containers in a way of no falling, overturning or damage.

1 5. Regulatory information

Accordance with relevant laws and local regulation.

1 6. Other information

The contents of the description are prepared based on material and data available at the present time, and it may be revised by new findings.

Since the content of the description is to provide the information and is not guaranteed, we recommend considering the source well, or confirming by examination if you make an important decision.

The values such as content and physicochemical properties are not guaranteed values.

Notes are intended for ordinary handling, and in the case of special handling, please consider implementing safety measures suitable for usage purpose and method.