

SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : **GREASE for Waterproof**

Identification of Substance/Preparation

: GREASE

Application : Industrial Lubricating Grease

SDS NO. : RD16366_Eng

Company Identification

Distributor : SHIMANO NORTH AMERICA FISHING, INC.

Address : 9560 Palmetto Commerce Parkway Ladson, South Carolina 29456 U.S.A.

Phone number : +1-949-951-5003 (Business Hours Only)

Distributor : SHIMANO EUROPE B.V.

Address : High Tech Campus 92 NL-5656 AG Eindhoven, The Netherlands

Phone number : +31-402-612222 (Business Hours Only)

Distributor : SHIMANO INC.

Address : 3-77 Oimatsu-cho Sakaiku Sakai OSAKA 5908577, JAPAN

2. HAZARDS IDENTIFICATION

GHS classification :

Physical Hazards	Flammable Solids	Not classified
Health Hazards	Acute Toxicity (oral)	Not classified
	Acute Toxicity (dermal)	Classification not possible
	Acute Toxicity (inhalation)	Classification not possible
	Skin Corrosion / Irritation	Classification not possible
	Serious Eye Damage / Eye Irritation	Classification not possible
	Respiratory or Skin Sensitization	Classification not possible
	Germ Cell Mutagenicity	Classification not possible
	Carcinogenicity	Classification not possible
	Reproductive Toxicity	Classification not possible
	Specific Target Organ Toxicity - Single Exposure	Classification not possible
	Specific Target Organ Toxicity - Repeated Exposure	Classification not possible
	Aspiration Hazard	Classification not possible
Environmental Hazards	Hazardous to Aquatic Environment - Acute Toxicity	Classification not possible
	Hazardous to Aquatic Environment - Chronic Toxicity	Classification not possible
	Hazardous to Ozone Layer	Not classified

GHS Label Elements :
Symbol No symbol
Signal word No signal word
Hazard statement No hazard statement
Precautionary statement Prevention Not applicable
Response Not applicable
Storage Not applicable
Disposal Not applicable

Other information : Prolonged skin contact may cause skin irritation and/or dermatitis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical names and synonyms : Lubricating grease

CAS No	Components	Value
Trade Secrets	Synthetic hydrocarbon oil	-
Trade Secrets	Barium complex soap	-
Trade Secrets	Mineral oil	<1wt%
Trade Secrets	Additives	-

4. FIRST-AID MEASURES

After inhalation : Remove victim to fresh air. If symptoms persist, call a physician.
After contact with skin : Wash off with mild cleaners and plenty of water. If symptoms persist, call a physician.
After contact with eyes : Rinse with plenty of water. If symptoms persist, call a physician.
After ingestion : If large amounts are swallowed, do not induce vomiting. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray, foam, dry powder, carbon dioxide (CO₂)
Unsuitable extinguishing media : High volume water jet
Special hazards : In case of fire the following can be released: Carbon monoxide, hydrocarbons
Special protective equipment for firefighters : Standard procedure for chemical fires.
Additional information
Water mist may be used to cool closed containers.
In the event of the fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions : Not required
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up/taking up : Use mechanical handling equipment.
Dispose of absorbed material in accordance with the regulations.

7. HANDLING AND STORAGE

- Handling
- Advice on safe handling
No special handling advice required.
- Advice on protection against fire and explosion
No special precautions required.
- Storage
- Requirements on storage conditions
Store at room temperature in the original container.
- Incompatible materials
Incompatible with oxidizing agents. Do not store together with food.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Additional advice on system design : not applicable
- Ingredients and specific control parameters : None
- Personal protective equipment
- Respiratory protection : No special protective equipment required.
- Hand protection : Wear chemical-resistant gloves.
- Eye protection : Wear safety glasses.
Do not wear contact lenses when working with chemicals.
- Body protection : Wear clean, body-covering clothing to minimize dermal exposure.
- General protection and hygiene measures
- : Avoid prolonged and/or repeated contact with skin.
Remove soiled or soaked clothing immediately.
Clean skin thoroughly after work; apply skin cream.

9. PHYSICAL AND CHEMICAL PROPERTIES Typical Values

Form	Paste
Color	Milk White
Odor	Characteristic
Density	approx. 0.96 g/cm ³ , 20°C
pH	not available
Change in Condition	>240°C (drop point, JIS K2220.8)
Boiling point	not available
Flash point	not applicable °C
Ignition temperature	not applicable °C
Lower explosion limit	not available
Upper explosion limit	not available
Vapor Pressure	not available
Vapor density	not available
Water solubility	insoluble
Partition coefficient(n-octanol/water)	not available
Decomposition temperature	not available

10. STABILITY AND REACTIVITY

Stability	: Stable
Conditions to avoid	: None
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	: None under normal use
Additional information	: None

11. TOXICOLOGICAL INFORMATION

The toxicological data has been taken from products of similar composition.

Acute toxicity	: No information
Skin Corrosion / Irritation	: Prolonged skin contact may cause skin irritation and/or dermatitis.
Eye Damage / Irritation	: No information
Sensitization	: No information
Germ Cell Mutagenicity	: No information
Carcinogenicity	: No information
Reproductive Toxicity	: No information
Specific Target Organ Toxicity	: Single Exposure No information Repeated Exposure No information
Aspiration Hazard	: No information

12. ECOLOGICAL INFORMATION

Information on elimination (persistence and degradability)

Product is insoluble in water. May be separated out mechanically in purification plants.

Behavior in environmental compartments

Ecological injuries are not known or expected under normal use.

Ecotoxic effects

Aquatic toxicity is unlikely due to low solubility.

Additional information

Should not be released into the environment.

13. DISPOSAL CONSIDERATIONS

This product can be incinerated when in compliance with local, state and federal regulations.

Offer rinsed packaging material to local recycling facilities.

14. TRANSPORT INFORMATION

UN class : Not Regulated

UN No. : Not Regulated

Advice on transportation

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Please refer to the law and local regulations, etc. in each country.

16. OTHER INFORMATION

Complied by: * NOK KLÜBER CO.,LTD
* SHIMANO INC.

Reference : NOK KLÜBER CO.,LTD, 6 May 2015, "ISO FLEX TOPAS NB 52", Safety Data Sheet, 1194-GHS, NOK KLÜBER CO.,LTD.

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