

## SAFETY DATA SHEET

### 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : **NLTS 2**

Identification of Substance/Preparation

: Lubricating Grease

SDS NO. : RD16814\_Eng

Company Identification

Manufacture & Distributor : SHIMANO NORTH AMERICA FISHING, INC.

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

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

Manufacture & Distributor : SHIMANO EUROPE B.V.

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

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

Manufacture & Distributor : SHIMANO INC.

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

(Business Hours Only)

### 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	>70wt%
Trade secrets	Lithium soap	<15wt%
Trade secrets	Additives	<10wt%
Trade secrets	Mineral oil	<5wt%

### 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 (CO<sub>2</sub>)

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	beige
Odor	characteristic
Density	approx. 0.83 g/cm <sup>3</sup> , 20°C
pH	not available
Change in condition	ca. 190°C (drop point, JIS K2220.8)
Boiling point	not available
Flash point	not applicable °C
Ignition temperature	no data °C
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapor pressure	not applicable
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.
Serious Eye Damage/ Irritation	:	No data available.
Sensitization Respiratory	:	No data available.
Sensitization Skin	:	No data available.
Germ Cell Mutagenicity	:	No data available.
Carcinogenicity	:	No data available.
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.

#### 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 applicable

UN No. not applicable

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.

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16. OTHER INFORMATION

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

Reference   : NOK KLÜBER CO.,LTD, 6 May 2015, "NLTS 2" , Safety Data Sheet,  
   2276-GHS, NOK KLÜBER CO.,LTD.

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