

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : **BFS Oil**  
 Identification of Substance/Preparation : General purpose-lubricating oil  
 SDS NO. : BFS1445 \_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 Hour Only)  
 Manufacture & Distributor : SHIMANO EUROPE B.V.  
 Address : High Tech Campus 92 NL-5656 AG Eindhoven, The Netherlands  
 Emergency Phone number : +31-402-612222 (Business Hour Only)  
 Manufacture & Distributor : SHIMANO INC.  
 Address : 3-77 Oimatsu-cho Sakaiku Sakai OSAKA 5908577, JAPAN

### 2. HAZARDS IDENTIFICATION

GHS classification

Physical Hazards	Flammable Liquids	Not classified
Health Hazards	Acute Toxicity (oral)	Not classified
	Acute Toxicity (dermal)	Classification not possible
	Acute Toxicity (inhalation)	Category 4 (mist)
	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
Environmental Hazards	Aspiration Hazard	Category 1
	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 >



< Signal word >

Danger

< Hazard Statement >

Harmful if inhaled (mist)  
May be fatal if swallowed and enters airways

< Precautionary Statement >

Prevention	Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.
Response	IF SWALLOWED : Immediately call a POISON CENTER or doctor / physician. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/if you feel unwell. Do NOT induce vomiting.
Storage	Store locked up.
Disposal	Dispose of contents / container in accordance with local / regional / national / international regulations.
Other information	Prolonged skin contact may cause skin irritation and / or dermatitis.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names and synonyms : Lubricating oil

CAS No.	Components	Value
68649-11-6	1-Decene dimers hydrogenated	100wt%

### 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	Risk of slipping due to leakage / spillage of product.
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	Avoid formation of aerosol.
Advice on protection against	No special precautions required.
Storage	
Requirements on storage conditions	Store at room temperature in the original container.
Incompatible materials	Incompatible with oxidizing agents.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional advice on system design	Not applicable
Ingredients and specific control parameters	None
<u>Personal protective equipment</u>	
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

Form	: liquid
Color	: colorless
Oder	: characteristic
Density	: approx. 0.79 g/cm <sup>3</sup> ,20°C
pH	: not available
Change in condition	: not available
Boiling point	: not available
Flash point	: > 150 °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
Flammability	: Flammable liquid
Kinematic viscosity	: approx. 5 mm <sup>2</sup> / s ( 40 °C )
Particle characteristics:	: not available

## 10. STABILITY AND REACTIVITY

Stability	stable
Conditions to avoid	Do not heat above flash point.
Material 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	: Inhalation - Harmful if inhaled (mist); the acute toxicity LC50 (Rat) of 1-Decene dimers hydrogenated is 1.17 mg/l, Category 4 was assigned.
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	: May be fatal if swallowed and enters airways; As the following ingredient classified in Category 1, 1 - Decene dimers hydrogenated, is contained at a concentration $\geq 10\%$ , and the kinematic viscosity is less than or equal to 20.5 mm <sup>2</sup> / s, Category 1 was assigned.

## 12. ECOLOGICAL INFORMATION

Information on elimination ( persistence and degradability )	Product is insoluble in water.
Behavior in environmental compartments	May be separated out mechanically in purification plants. Ecological injuries are not known or expected under normal use.
Eco toxic 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	:	
IATA	:	not applicable
IMDG	:	not applicable
UN shipping name	:	
IATA	:	not applicable
IMDG	:	not applicable
UN class	:	
IATA	:	not applicable
IMDG	:	not applicable
Packing group	:	
IATA	:	not applicable
IMDG	:	not applicable
ERG No:	:	not applicable

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

NSF H1 registration

The information provided in this Safety Data Sheet is correct the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid if the material is used in combination with any other materials or if it is processed, unless specified in the text.