

# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)



## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name : NAUTIC GREASE

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Grease

### 1.3. Details of the supplier of the safety data sheet

Registered company name : MOTUL  
Address : 119, Boulevard Felix Faure. 93300 AUBERVILLIERS CEDEX FRANCE  
Telephone : 33.1.48.11.70.00. Fax: 33.1.48.33.28.79.  
Email : motul\_hse@motul.fr

Registered company name (importer): High Performance Lubricants Ltd  
21 O'Rorke Road, Penrose, Auckland 1061  
PO Box 12 826 Penrose, Auckland, New Zealand  
09 571 1366

### 1.4 24 HOUR EMERGENCY TELEPHONE NUMBER: 09 929 1483/0800 446 881 (toll free)

### 1.5 NATIONAL POISON LINE 0800 764 766

## SECTION 2 : HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### In compliance with EC regulation No. 1272/2008 and its amendments.

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation

6.4A

9.1C

### 2.2. Label elements

#### In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

Signal Word :

WARNING

Hazard statements :

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

**3.2. Mixtures**

**Composition :**

Identification	(EC) 1272/2008	Note	%
CAS: 4259-15-8 EC: 224-235-5 REACH: 01-2119493635-27	ZINC BIS[O,O-BIS(2-ETHYLHEX YL)] BIS(DITHIOPHOSPHATE	GHS05, GHS09 Dgr Eye Dam. 1, H318 Aquatic Chronic 2, H411	2.5 <= x % < 10

#### SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

##### 4.1. Description of first aid measures

###### In the event of exposure by inhalation :

Remove the victim to fresh air. If the symptoms persist, call a physician.

###### In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
If there is any redness, pain or visual impairment, consult an ophthalmologist.  
Wash immediately and abundantly with water, including under the eyelids.

###### In the event of splashes or contact with skin :

Immediately remove all soiled clothing.  
Wash immediately and abundantly with soap and water.

###### In the event of swallowing :

Seek medical attention, showing the label.

##### 4.2. Most important symptoms and effects, both acute and delayed

No data available.

##### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

#### SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

##### 5.1. Extinguishing media

###### Suitable methods of extinction

Dry agent, foam, carbon dioxide.

###### Unsuitable methods of extinction

High volume water jet

##### 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.  
Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

##### 5.3. Advice for firefighters

No data available.

#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.  
Spilled product may make surfaces slippery.

###### For non first aid worker

Avoid any contact with the skin and eyes.

###### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

##### 6.2. Environmental precautions

Prevent any material from entering drains or waterways.

##### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

#### 6.4. Reference to other sections

No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Avoid contact with eyes.

#### Fire prevention :

Prevent access by unauthorised personnel.

Take precautionary measures against static discharges by bonding and grounding equipment.

No smoking.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

Ensure good ventilation at the workplace

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Do not breathe fumes, vapour, spray.

### 7.2. Conditions for safe storage, including any incompatibilities

Store between 5°C and 40°C in a dry, well ventilated place.

Only use hydrocarbon-resistant containers, joints and pipes.

#### Storage

Keep out of reach of children.

#### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

#### Suitable technical inspections

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Personnel shall wear regularly laundered overalls.

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

#### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Breathing apparatus only when aerosol or spray are formed.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state :	Paste.
Color:	Amber

#### Important health, safety and environmental information

pH :	Not relevant.
Boiling point/boiling range :	251 °C.
Flash Point Interval :	PE > 100°C.
Vapour pressure (50°C) :	Not relevant.
Density :	< 1
Water solubility :	Insoluble.
Melting point/melting range :	151 °C.

### 9.2. Other information

No data available.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Keep away from heat and from sources of ignition

### 10.5. Incompatible materials

Strong oxidants

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

#### 11.1.1. Substances

No toxicological data available for the substances.

#### 11.1.2. Mixture

#### Skin corrosion/skin irritation :

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties to the product

#### Serious damage to eyes/eye irritation :

eye irritation

## SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

### 12.1. Toxicity

#### 12.1.2. Mixtures

Fish toxicity : No observed effect.  
LC50 > 100 mg/l  
Duration of exposure : 96 h

Crustacean toxicity : No observed effect.  
EC50 > 100 mg/l  
Duration of exposure : 48 h

Algae toxicity : No observed effect.  
ECr50 > 100 mg/l  
Duration of exposure : 72 h

### 12.2. Persistence and degradability

#### 12.2.2. Mixtures

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

The product is insoluble in water and will spread on the surface

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

### German regulations concerning the classification of hazards for water (WGK) :

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

### Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

12 01 12 \* spent waxes and fats

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

## SECTION 15 : REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK) :**

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

**15.2. Chemical safety assessment**

No data available.

**15.3 This substance is to be managed using the conditions specified in an applicable Group Standard**

HSR002606

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark