

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: MOLYBDEN
Product code: 43000

Company/undertaking identification:

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. Telex: .
Email : motul_hse@motul.fr

Emergency telephone: +44 (0) 1235 239 670.

Association/Organisation: ORFILA.

Use of the substance/preparation:

Grease

2 - HAZARDS IDENTIFICATION

This product is not classified as flammable. Refer to the recommendations regarding the other products present on the site
This preparation is not classified as hazardous to health by directive 1999/45/EC.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)
This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
	68425-15-0	270-335-7	POLYSULFIDES, DI-TERT-DODECYL		53	1 <= x % < 2.5

Other substances with occupational exposure limits:

No known substance in this category present.

Other components:

Lithium soap based grease

4 - FIRST AID MEASURES

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

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 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:

Rinse the mouth with water then drink a lot of water.
Do not induce vomiting without medical advice.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Dry agent, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High volume water jet

Special protective equipment for fire-fighters:

Wear a self-contained breathing apparatus

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Do not breathe fumes.

6 - ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

Spilled product may make surfaces slippery.

Environmental precautions:

Prevent any material from entering drains or waterways.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

No special precaution apart from the observance of hygiene rules

Fire prevention:

Prevent access by unauthorised personnel.

Storage:

Keep away from heat.

Keep from freezing.

Storage limit 24 months

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Personnel shall wear regularly laundered overalls.

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

Respiratory protection:

Breathing apparatus only when aerosol or spray are formed.

Hand protection:

Type of gloves recommended :

- Nitrile

Eye and face protection:

Safety goggles

Skin protection:

Face shield, boots, fluid-impermeable clothing, safety shoes, if needed.

9 - PHYSICAL AND CHEMICAL PROPERTIES**General information:**

Physical state:	paste
Color:	black
odor	caractéristique

Important health, safety and environmental information:

pH of the substance or preparation:	not relevant.
The pH is impossible to measure or its value is not relevant.	
Flash point interval:	Flash point > 60°C
Vapour pressure:	Below 110 kPa (1.10 bar).
Density:	< 1
Water solubility:	Insoluble.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

Materials to avoid:

Strong oxidants

Hazardous decomposition products:

Toxic by-products such as carbon monoxide

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

In the event of splashes or contact with skin:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non allergic contact dermatitis and absorption through the skin.

In the event of splashes or contact with eyes:

Unlikely risk in normal conditions of use

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Mobility:

Not very mobile in soil.

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

Other adverse effects:

Germany: WGK 2 (VwVwS vom 17/05/99, KBws)

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

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

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 2009 - IMDG 2008 - ICAO/IATA 2009).

15 - REGULATORY INFORMATION

This preparation is not classified as hazardous to health by directive 1999/45/EC.

This product is not classified as flammable.

Classification by:

So called 'all preparations' Directive 1999/45/EC and its adaptations.

EC regulation 1272/2008 (CLP) and its adaptations (EC regulation 790/2009).

Particular provisions:

Germany: WGK 2 (VwVwS vom 17/05/99, KBws)

Table no 36

Disorders caused by oil and grease of mineral or synthetic origin.

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 product must not be used for any purposes other than those specified under heading 1 without first obtaining 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 given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

R 53	May cause long-term adverse effects in the aquatic environment.
------	---