



# Material Safety Data Sheet

## 8100 X-CLEAN 5W30

102010

Version nr : 1.00

Revised : 28/02/2008

Supersedes : / /

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

#### Product Information

Commercial Product Name **8100 X-CLEAN 5W30**  
Product code **102010**  
Others Codes : **102020, 102022, 102025, 102028**

Use of the Substance/Preparation  
4 Stroke engine lubricant

#### Manufacturer, importer, supplier

Supplier MOTUL - Regulation Departement  
Zone Industrielle - Chemin du Corps de Garde  
77360 VAIRES SUR MARNE - FRANCE  
Telephone 33.1.64.72.86.23  
Telefax 33.1.64.72.86.28  
**EMERGENCY TELEPHONE NUMBER** **ORFILA : 33.1.45.42.59.59**  
Responsible Department Health and Safety Department

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation			
<u>Hazardous components</u>	<u>Weight %</u>	<u>CAS-No.</u>	<u>EINECS-No.</u>
Calcium long chain alkyl salicylate R52/53	< 3 %	Polymer	-
Alkyldithiophosphate de zinc Xi,R41,R38,N,R51/53	< 1,5 %	68649-42-3	272-028-3

### 3. HAZARDS IDENTIFICATION

#### EC Label

Specific hazards none under normal use  
- physico-chemical properties No hazards resulting from material as supplied.  
- properties affecting health None known

### 4. FIRST AID MEASURES

General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Inhalation	Move to fresh air.
- Eye contact	If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids.
- Skin contact	Consult a physician if necessary Take off all contaminated clothing immediately.
- Ingestion	Wash off immediately with soap and plenty of water. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media dry powder  
foam

**MOTUL**

119, bd Félix Faure  
B.P. 94  
93303 Aubervilliers Cedex  
France

phone : 0033.1.48.11.70.00  
fax : 0033.1.48.33.28.79  
Email : alafeuil@motul.fr

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- Extinguishing media which must not be used for safety reasons	carbon dioxide (CO2) high volume water jet
- Specific hazards	Incomplete combustion produces toxic gases, such as CO, CO2, various forms of hydrocarbons, aldehydes etc., and soots.
- Specific methods	In the event of fire, wear self-contained breathing apparatus.
- Under fire conditions:	Dispose of promptly.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Depending on the risk of exposure, wear gloves, goggles, and protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Environmental precautions	Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained. For environmental protection remove and wash all contaminated protective equipment before re-use.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contaminated surfaces will be extremely slippery. Prevent product from entering drains. Use personal protective equipment. Shovel into suitable container for disposal.

### 7. HANDLING AND STORAGE

#### Handling

- Technical measures/Precautions	Provide sufficient air exchange and/or exhaust in work rooms.
- Safe handling advice	Avoid contact with skin and eyes.

#### Storage

- Technical measures/Storage conditions	Use only receptacles, joints, pipes, etc, which are resistant to hydrocarbons. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not let product enter drains. Keep at temperatures between 5 and 40 °C. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not smoke. Store in original container. Keep in a bunded area. Incompatible with oxidising agents.
- Incompatible products	

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Personal protective equipment

*Respiratory protection*

*Hand protection (EN 420, EN 374-3)*

Breathing apparatus needed only when aerosol or mist is formed.  
protective gloves

Glove material : nitrile rubber

Layer thickness : 0,11 mm

Breakthrough time : > 480 Min.

safety glasses

*Eye protection (EN 166)*  
*Skin and body protection (DIN - EN 465)*

As required, wear a face mask, fluid-proof protective clothing, and safety boots (when handling drums)

Don't wear ring, watch or similar thing which will be able to hold the product and may give rise to some skin diseases,

Handle in accordance with good industrial hygiene and safety practice.

Take off all contaminated clothing immediately.

When using do not eat or drink.

Avoid contact with the skin and the eyes.

*Hygiene measures*

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form

liquid

Colour

amber ASTM D1500: 2

pH

Not applicable

Flash point

234 °C ASTM D 92

open cup

Water solubility

insoluble

Solubility in other solvents

soluble

Soluble in hydrocarbons

Viscosity

72,6 mm<sup>2</sup>/s à 40°C ASTM D 445

Explosion limits

not applicable

Specific gravity

0,848 à 20 °C ISO 12185

## 10. STABILITY AND REACTIVITY

Stability

Stable at normal conditions

Materials to avoid

Incompatible with oxidising agents.

Hazardous decomposition products

Incomplete combustion produces toxic gases, such as CO, CO<sub>2</sub>, various forms of hydrocarbons, aldehydes etc., and soots.

## 11. TOXICOLOGICAL INFORMATION

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Local effects

The following toxicological data shown are those obtained from tests on products of similar composition in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.

Acute toxicity

Ingestion

Health injuries are not known or expected under normal use.

Eye contact

Weakly toxic

Skin contact

Mild eye irritation

Inhalation

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.

Chronic toxicity

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.

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

**12. ECOLOGICAL INFORMATION**

Mobility

Soil : In consideration of its physical and chemical characteristics, the product has only slight mobility in the soil.

Water : Insoluble, the product spreads over the surface of the water.

Do not flush into surface water or sanitary sewer system.

Aquatic toxicity

no data available

Ecotoxicity effects

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products

Send to an approved Waste Collector

Collect all waste in suitable and labelled containers and dispose of in compliance with licence from HMIP issued under sections 6 &amp; 7 of the Radioactive Substances Act 1960.

Do not flush into surface water or sanitary sewer system.

Contaminated packaging

Where possible recycling is preferred to disposal or incineration.

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Send to an approved Waste Collector

In accordance with local and national regulations.

**14. TRANSPORT INFORMATION**Land transport

Class

not regulated

Sea transport

Class

not regulated

Air transport

Class

not regulated

**15. REGULATORY INFORMATION**EC Label

The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

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### France

This safety data sheet complies with the recommendations of European Community and French regulations. Contact your local branch for adaptation to specific national requirements.

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## 16. OTHER INFORMATION

### 16. Other information

This dossier supplements the technical notifications for use, but does not replace them. The information which it contains is based on our knowledge relating to the product in question on the date indicated.

The information is given in good faith. The user's attention is also drawn to possible risks incurred if a product is employed for uses other than those for which it was designed. The information dossier does not, under any circumstances, discharge the user from the obligation of being aware of, and of applying, all the texts which govern his sphere of activity. He shall be solely responsible for taking the precautions associated with the use which he makes of the product. All the statutory provisions referred to are intended simply to assist the recipient in fulfilling the obligations incumbent upon him. This enumeration must not be considered to be exhaustive. The recipient must ensure that no obligations are incumbent upon him, as a result of texts other than those cited, relating to the holding and handling of the product, for which he alone is responsible.

Text of R phrases mentioned in Section 2      R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This data sheet conforms to standards defined by directives 2001/58/CE  
Data sheet prepared by MOTUL.

IMPORTANT: The information in this Data Sheet applies only to the products designated herein and produced or supplied by us. It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge.

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