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 : 800 2T FL OFF ROAD
   Product code : 16801

1.2. Relevant identified uses of the substance or mixture and uses advised against
   2-stroke engine lubricant

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. Telex: .
   Email : motul_hse@motul.fr

1.4. Emergency telephone number : +44 (0) 1235 239 670.
   Association/Organisation : ORFILA.
   Other emergency numbers
   UNITED STATES: 001 886 928 0789 / CANADA: 001 800 579 7421 / MEXICO : +52 55 5004 8763
   BRAZIL : +55 11 3197 5891 / COLOMBIA : +57 1 508 7337 / ARGENTINA : +54 11 5984 3690 / CHILE : +562 2582 9336

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
   In compliance with EC regulation No. 1272/2008 and its amendments.
   May produce an allergic reaction (EUH208).
   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.

2.2. Label elements
   In compliance with EC regulation No. 1272/2008 and its amendments.
   Additional labeling :
   EUH208 Contains ALKARYLSULFONATE À CHAINE LONGUE DE CALCIUM. May produce an allergic reaction.
   Hazard statements :
   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 :
   P273 Avoid release to the environment.
   Precautionary statements - Disposal :
   P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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 fulfills 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 :
<table>
<thead>
<tr>
<th>Identification</th>
<th>(EC) 1272/2008</th>
<th>Note</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 84605-20-9</td>
<td>Aquatic Chronic 4, H413</td>
<td></td>
<td>2.5 &lt;= x % &lt; 10</td>
</tr>
<tr>
<td>EC: 617-593-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLYAMINE SUCCINIMIDE POLYOLEFINIQUE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 128-39-2</td>
<td>GHS07, GHS09</td>
<td></td>
<td>1 &lt;= x % &lt; 2.5</td>
</tr>
<tr>
<td>EC: 204-884-0</td>
<td>Wng</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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:
In the event of an allergic reaction, seek medical attention.
Remove the victim to fresh air. If the symptoms persist, call a physician.

In the event of splashes or contact with eyes:
To be translated (XML)

In the event of splashes or contact with skin:
In the event of an allergic reaction, seek medical attention.
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 (CO2)
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 first aid worker
First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
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.
No special precaution apart from the observance of hygiene rules

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.
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

Appropriate engineering controls
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 in accordance with standard EN166.

- **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

<table>
<thead>
<tr>
<th>General information</th>
<th>Fluid liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
</tr>
</tbody>
</table>

**Important health, safety and environmental information**

<table>
<thead>
<tr>
<th>pH</th>
<th>Not relevant.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point Interval</td>
<td>FP &gt; 100°C</td>
</tr>
<tr>
<td>Vapour pressure (50°C)</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Density</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>120.2 mm²/s à 40°C</td>
</tr>
</tbody>
</table>

#### 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
Take precautionary measures against static discharges.

#### 10.5. Incompatible materials

- Strong oxidants
- Acids

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form:
SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
No data available.

11.1.1. Substances
No toxicological data available for the substances.

11.1.2. Mixture

Skin corrosion/skin irritation:
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.

Serious damage to eyes/eye irritation:
Mild eye irritation

Respiratory or skin sensitisation:
Contains at least one sensitising substance. May cause an allergic reaction.

Aspiration hazard:
“Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.”
May cause lung damage if swallowed

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

12.1.1. Substances

ALKYLPHÉNOL RAMIFIÉ ET UN ALKYLPHÉNOL RAMIFIÉ DE CALCIUM (CAS: 121158-58-5)
Fish toxicity:
LC50 = 40 mg/l
Duration of exposure: 96 h

Crustacean toxicity:
EC50 = 0.037 mg/l
Factor M = 10
Duration of exposure: 48 h
NOEC = 0.0037 mg/l
Factor M = 10
Duration of exposure: 21 jours

Aquatic plant toxicity:
EC50 = 0.36 mg/l
Factor M = 1
Duration of exposure: 72 h

12.1.2. Mixtures
No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

ALKYLPHÉNOL RAMIFIÉ ET UN ALKYLPHÉNOL RAMIFIÉ DE CALCIUM (CAS: 121158-58-5)
Biodegradability:
Non-rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

ALKYLPHÉNOL RAMIFIÉ ET UN ALKYLPHÉNOL RAMIFIÉ DE CALCIUM (CAS: 121158-58-5)
Octanol/water partition coefficient:
log Koe = 7.14

Bioaccumulation:
BCF = 794.33

12.4. Mobility in soil
Not very mobile 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  
Do not dispose of the product in the natural environment, effluents or surface waters.

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.

SECTION 14 : TRANSPORT INFORMATION  
Exempt from transport classification and labelling.

14.1. UN number  
-

14.2. UN proper shipping name  
-

14.3. Transport hazard class(es)  
-

14.4. Packing group  
-

14.5. Environmental hazards  
-

14.6. Special precautions for user  
-

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. 2017/776 (ATP 10)

- 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.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :  
NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=None
15.2. Chemical safety assessment
No data available.

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 :

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H360F</td>
<td>May damage fertility.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H413</td>
<td>May cause long lasting harmful effects to aquatic life.</td>
</tr>
</tbody>
</table>

Abbreviations :
CMR : Carcinogenic, mutagenic or reprotoxic.
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 : Wassergefahrdungsklasse (Water Hazard Class).
PBT : Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.