

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006, article 31

FOMLUBE GRM 30

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Identifier**
Trade name : FOMLUBE GRM 30
- 1.2 Relevant identified uses of the substance/mixture and uses advised against**
Relevant identified uses : Lubricant, for industrial use only.
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer/Supplier : FenS bv.
: Amundsenweg 28
: 4462 GP GOES / Netherlands
: Tel. +31 113 - 573 220
: Fax +31 113 - 573 776
: E: sales@fens.nl
: I: www.fens.nl
- 1.4 Emergency contact telephone number** : +31 113 - 579 095

2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Classification according to Regulation (EC) No. 1272/2008 : The product is not classified according to the GHS regulation.
- 2.2 Label elements**
Labelling according to Regulation (EC) No. 1272/2008 : void
Hazard pictograms : void
Signal Word : void
Hazard Statements : void
- 2.3 Other hazards** : Please take care of the precautions for the treatment of fluorine containing products. Dangerous decomposition products may be formed at temperatures exceeding 300°C.
- Results of PBT and vPvB assessment**
PBT : Not applicable
vPvB : Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Mixture**
Description: : Organic thickener in synthetic oil
Dangerous Components : Void

4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
- 4.1.1 After inhalation** : Supply fresh air.
- 4.1.2 After skin contact** : Wash off with soap and water and rinse thoroughly.
- 4.1.3 After eye contact** : Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- 4.1.4 After swallowing** : Seek medical treatment.
- 4.2 Most important symptoms and effects, both acute and delayed** : No further relevant information available
- 4.3 Indication of any immediate medical attention and special treatment needed** : No further relevant information available

5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable extinguishing agents : CO₂ extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006, article 31

FOMLUBE GRM 30

- | | |
|---|--|
| Unsuitable extinguishing agents which shall not be used for safety reasons | : Water with a full water jet. |
| 5.2 Special hazards arising from the substance or mixture | : Carbon Monoxide (CO), Carbon Dioxide (CO ₂), Hydrogen Fluoride (HF) |
| 5.3 Advice for fire fighters | : Wear self-contained breathing apparatus and protective suit. |
| Protective equipment | Do not inhale explosion gasses or combustion gases.
Dispose of fire debris and contaminated firefighting water in accordance with official regulations. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|--|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | : Particular danger of slipping on leaked/spilled product.
Ensure adequate ventilation. |
| 6.2 Environmental precautions | : Do not allow to enter drainage system, surface or ground water. |
| 6.3 Methods and material for containment and cleaning up. | : Collect spillage. Dispose of at a licensed waste collection centre. |
| 6.4 Reference to other sections | : See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 13 for information on disposal. |

7. HANDLING AND STORAGE

- | | |
|---|--|
| 7.1 Precautions for safe handling | : Do not smoke when handling the product. |
| Information about protection against explosions and fires | : Keep ignition sources away. Do not smoke. |
| 7.2 Conditions for safe storage, including incompatibilities | |
| Requirements to be met by storerooms and containers | : Store only in the original container. |
| Information about storage in one common storage facility | : Observe hints for combined storage. |
| Further information about storage conditions | |
| Recommended storage temperature | : Room temperature. |
| 7.3 Specific end use(s) | : No further relevant information available. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | |
|---|---|
| Additional information about design of technical systems | : No further data; see item 7. |
| 8.1 Control parameters. | |
| Components with critical values that require monitoring at the workplace | : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| 8.2 Exposure controls | |
| Personal protective equipment | |
| 8.2.1 General protective and hygienic measures | : The usual precautionary measures should be adhered to when handling the lubricant. |
| 8.2.2 Breathing equipment | : Not necessary if room is well-ventilated. |
| 8.2.3 Protection of hands | : In case of repeated or prolonged contact wear gloves.
Nitrile-rubber protective gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent) |
| 8.2.4 Eye protection | : Safety glasses with side protection |
| 8.2.5 Body protection | : Protective work clothing. |

9. Physical and chemical properties

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006, article 31

FOMLUBE GRM 30

9.1 Information on basic physical and chemical properties

General Information

Appearance

Form : Paste
Colour : White
Smell : Odourless

Change in condition

Melting point/Melting range : Not determined

Boiling point/Boiling range : Not determined

Flash point : Not applicable

Ignition temperature : Not determined

Danger of explosion : Not determined

Density : 1,9 g/cm³

Solubility in water : Insoluble

9.2 Other information : No further relevant information available

10. STABILITY AND REACTIVITY

10.1 Reactivity : No further relevant information available.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided : No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions : Reacts with strong acids and oxidising agents. Reacts with alkaline metals.

10.4 Conditions to avoid : To avoid thermal decomposition do not overheat (>300°C)

10.5 Incompatible materials : No further relevant information available.

10.6 Hazardous decomposition products : None in case of appropriate storage/handling/transport.
During thermal decomposition: Danger of toxic fluorine based pyrolysis products.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Primary irritant effect:

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

Serious eye damage/irritation : Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity : Based on available data, the classification criteria are not met.

STOT-single exposure : Based on available data, the classification criteria are not met.

STOT-repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity : No further relevant data available.

12.2 Persistence and degradability : No further relevant data available.

12.3 Bio accumulative potential : No further relevant data available.

12.4 Mobility in soil : No further relevant data available.

12.5 Results of PBT and vPvB assessment : PBT – not applicable / vPvB – not applicable

12.6 Other adverse effects : No further relevant data available.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006, article 31

FOMLUBE GRM 30

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
- Recommendation** : Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- European Waste catalogue** : It is not possible to state the European waste code from the CE catalogue since the classification of these codes is done according to the individual industries. Therefore several codes can be related to one product. The correct classification can be done by the user only.
- Uncleaned packagings**
- Recommendation** : Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- 14.1 UN-Number** : Void
ADR, ADN, IMDG, IATA
- 14.2 UN proper shipping name** : Void
ADR, ADN, IMDG, IATA
- 14.3 Transport hazard class(es)** : Void
ADR, ADN, IMDG, IATA-class
- 14.4 Packaging group** : Void
ADR, IMDG, IATA
- 14.5 Environmental hazards**
- Marine pollutant:** : No
- 14.6 Special precautions for user** : Not applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** : Not applicable

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance/mixture** : Not listed
- National regulations**
- Water hazard class** : Water hazard class 1 (self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment** : A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative