

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
Sector of Use : SU3, Industrial uses: Uses of substances as such or in preparations at industrial sites.
- 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
: 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
- | CAS Number | Wt% | Component Name |
|------------|------|---|
| 69991-61-3 | ≥ 60 | Ethene, tetrafluoro-, oxidized, polymd. |
| 9002-84-0 | ≤ 40 | Polytetrafluoroethylene |

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.

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|---|---|
| 4.1.4 After swallowing | : Rinse out mouth and then drink plenty of water.
In case of persistent symptoms consult doctor. |
| 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

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|---|---|
| 5.1 Extinguishing media | |
| Suitable extinguishing agents | : CO ₂ extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. |
| 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 | |
| Protective equipment | : Do not inhale explosion gases or combustion gases. |

6. ACCIDENTAL RELEASE MEASURES

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|--|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | : Particular danger of slipping on leaked/spilled product. |
| 6.2 Environmental precautions | : Do not allow product to reach sewage system or water bodies. |
| 6.3 Methods and material for containment and cleaning up. | : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) |
| 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

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|---|---|
| 7.1 Precautions for safe handling | : No special precautions necessary if used correctly. |
| Information about protection against explosions and fires | : No special measures required. |
| 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 | : Not required. |
| Further information about storage conditions | : None |
| 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 | |

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- 8.2.1 General protective and hygienic measures** : The usual precautionary measures should be adhered to when handling the lubricant.
- 8.2.2 Protection of hands** : Protective gloves
- Material of gloves : Nitrile rubber, NBR. Recommended thickness of the material: ≥ 1 mm
- Penetration time of glove material : The exact break trough time has to found out by the manufacturer of the protective gloves and has to be observed. For the mixture of chemicals mentioned below the penetration time has to be at least ≥ 60 minutes (Permeation according to EN 374 Part 3: Level 3).
- Not suitable are gloves made of the following materials : Leather gloves, Strong gloves.
- 8.2.3 Eye protection** : Safety glasses
- 8.2.4 Body protection** : Protective work clothing.

9. Physical and chemical properties

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** : No dangerous reactions known.
- 10.4 Conditions to avoid** : No further relevant information available.
- 10.5 Incompatible materials** : No further relevant information available.
- 10.6 Hazardous decomposition products** : None in case of appropriate storage/handling/transport.

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.
- : Based on available data, the classification criteria are not met.
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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)	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	
Reproductive toxicity	
STOT-single exposure	
STOT-repeated exposure	
Aspiration hazard	

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.

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. Disposal must be made according to official regulations.
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	: Not restricted
ADR, ADN, IMDG, IATA	
14.2 UN proper shipping name	: Not restricted
ADR, ADN, IMDG, IATA	
14.3 Transport hazard class(es)	: Not restricted
ADR, ADN, IMDG, IATA-class	
14.4 Packaging group	: Not restricted
ADR, IMDG, IATA	
14.5 Environmental hazards	: Not applicable
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 Chemical safety assessment	: A chemical safety assessment has not been carried out.
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16. OTHER INFORMATION

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This information is based on our present knowledge. However, it shall not constitute to guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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