

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing and revision 15.11.2021

Version number 3

Modification: 15.11.2021

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** **Fluoronox MS 30/2**
- **Article number:** 503013
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Grease
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
ECCO Gleittechnik GmbH  
Salzsteinstrasse 4  
D- 82402 SEESHAUPT  
DEUTSCHLAND  
Tel: +49(0)8801/970  
Fax: +49(0)8801/9730
- **Further information obtainable from:** msds@ecco-gleittechnik.de
- **1.4 Emergency telephone number:** In case of emergency immediately call the poison control centre.

### SECTION 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 CLP 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**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Perfluorinated polyether grease with PTFE and additives
- **Dangerous components:** nothing
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Not applicable, because solids and paste is free of solvents.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **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.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
Non-flammable product.
- **5.2 Special hazards arising from the substance or mixture** Do not breathe gases and smokes from fire

(Contd. on page 2)

EU

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Modification: 15.11.2021

**Trade name: Fluoronox MS 30/2**

(Contd. of page 1)

- **5.3 Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

### SECTION 6: Accidental release measures

- **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 any water course.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **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 disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
No special measures required.  
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit 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.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
Nitrile rubber, NBR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Safety glasses

(Contd. on page 3)

EU

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Version number 3

Modification: 15.11.2021

**Trade name: Fluoronox MS 30/2**

(Contd. of page 2)

**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

· <b>Form:</b>	Paste
· <b>Colour:</b>	White
· <b>Odour:</b>	neutral
· <b>Odour threshold:</b>	Not determined.

· <b>pH-value:</b>	Not applicable.
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**· Change in condition**

· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	Undetermined.

· <b>Flash point:</b>	Not applicable.
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· <b>Flammability (solid, gas):</b>	Not determined.
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· <b>Decomposition temperature:</b>	Not determined.
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· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
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· <b>Explosive properties:</b>	Product does not present an explosion hazard.
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**· Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· <b>Vapour pressure:</b>	Not applicable.
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· <b>Density at 20 °C:</b>	1.9 g/cm <sup>3</sup>
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· <b>Relative density</b>	Not determined.
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· <b>Vapour density</b>	Not applicable.
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· <b>Evaporation rate</b>	Not applicable.
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· <b>Solubility in / Miscibility with water:</b>	Insoluble in hydrocarbons and alcohols Insoluble.
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· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
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· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not applicable.
· <b>Kinematic:</b>	Not applicable.

· <b>9.2 Other information</b>	No further relevant information available.
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**SECTION 10: Stability and reactivity**

· <b>10.1 Reactivity</b>	No further relevant information available.
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· <b>10.2 Chemical stability</b>	
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· <b>Thermal decomposition / conditions to be avoided:</b>	Stable at environment temperature.
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· <b>10.4 Conditions to avoid</b>	No further relevant information available.
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· <b>10.5 Incompatible materials:</b>	strong Lewis acid
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· <b>10.6 Hazardous decomposition products:</b>	
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	Hydrocarbons, CO, CO <sub>2</sub>
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	Danger of toxic fluorine based pyrolysis products.
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**SECTION 11: Toxicological information****· 11.1 Information on toxicological effects**

· <b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
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· <b>Primary irritant effect:</b>	
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· <b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
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· <b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
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· <b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
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(Contd. on page 4)

EU

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Version number 3

Modification: 15.11.2021

**Trade name: Fluoronox MS 30/2**

(Contd. of page 3)

**· Additional toxicological information:**

· <b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b>	
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· <b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
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· <b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
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· <b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
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· <b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
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· <b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
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· <b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
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**SECTION 12: Ecological information****· 12.1 Toxicity**

· <b>Aquatic toxicity:</b>	No further relevant information available.
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· <b>12.2 Persistence and degradability</b>	No further relevant information available.
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· <b>12.3 Bioaccumulative potential</b>	No further relevant information available.
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· <b>12.4 Mobility in soil</b>	No further relevant information available.
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**· Additional ecological information:****· General notes:**

	Water hazard class 1 (Self-assessment): slightly hazardous for water
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	Do not allow product to reach ground water, water course or sewage system.
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· <b>12.5 Results of PBT and vPvB assessment</b>	
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· <b>PBT:</b>	Not applicable.
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· <b>vPvB:</b>	Not applicable.
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· <b>12.6 Other adverse effects</b>	No further relevant information available.
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**SECTION 13: Disposal considerations****· 13.1 Waste treatment methods**

· <b>Recommendation</b>	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
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· <b>Uncleaned packaging:</b>	
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· <b>Recommendation:</b>	Disposal must be made according to official regulations.
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**SECTION 14: Transport information**

· <b>14.1 UN-Number</b>	
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· <b>ADR, IMDG, IATA</b>	Void
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· <b>14.2 UN proper shipping name</b>	
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· <b>ADR, ADN, IMDG, IATA</b>	Void
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· <b>14.3 Transport hazard class(es)</b>	
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· <b>ADR, ADN, IMDG, IATA</b>	
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· <b>Class</b>	Void
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· <b>14.4 Packing group</b>	
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· <b>ADR, IMDG, IATA</b>	Void
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· <b>14.5 Environmental hazards:</b>	Not applicable.
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· <b>14.6 Special precautions for user</b>	Not applicable.
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· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	
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	Not applicable.
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· <b>UN "Model Regulation":</b>	Void
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**SECTION 15: Regulatory information**

· <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
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· <b>Directive 2012/18/EU</b>	
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· <b>Named dangerous substances - ANNEX I</b>	None of the ingredients is listed.
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(Contd. on page 5)

EU

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(Contd. of page 4)

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

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

· **Department issuing SDS:** see item 1

· **\* Data compared to the previous version altered.**

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