

Data Sheet according to article 32 EU-Regulation 1907/2006

Commercial Product Name: BergaFat F-100 Premium

Revision date: 02.02.2023

Version: 2.0/en

Print date: 02.02.2023



1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Commercial Product Name	BergaFat F-100 Premium
CAS no.	68440-15-3
EC-No.	270-438-7

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Feed
Recommended restrictions	No information available.

Details of the supplier of the product safety information

Company designation	Berg + Schmidt GmbH & Co. KG An der Alster 81 20099 Hamburg Telephone: + 49 (0) 40 / 284 09 58-0 FAX: + 40 (0) 40 / 284 039-33 Email: sds@berg-schmidt.de Internet: www.berg-schmidt.de
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Emergency telephone number

Emergency telephone number	+49 (0) 40-284 09 58-0
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2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008	This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
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Label elements

Hazard precautions	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
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3. Composition/information on ingredients

CAS no.	68440-15-3
EC-No.	270-438-7

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities, in accordance with EU or national regulations should be referred to in Section 3.

4. First aid measures

Description of first aid measures

General advice	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove affected person from the danger area and lay down. Change contaminated, saturated clothing. Do not leave affected person unattended.
If inhaled	Remove person to fresh air and keep comfortable for breathing.
In case of skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

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In case of eye contact After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

If swallowed Do NOT induce vomiting.
Rinse mouth.
Call a doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Immediate medical attention Treat symptomatically.

5. Firefighting measures

Extinguishing media

Suitable extinguishing media Water spray jet
Dry extinguishing powder
Carbon dioxide (CO₂)
alcohol resistant foam

Extinguishing media which must not be used for safety reasons Full water jet

Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases In case of fire may be liberated:
carbon monoxide
Carbon dioxide (CO₂)
Pyrolysis products, toxic

Advice for firefighters

Special protective equipment for fire-fighting In case of fire: Wear self-contained breathing apparatus.

Additional information on firefighting Do not allow water used to extinguish fire to enter drains, ground or waterways.
Treat runoff as hazardous.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protection equipment.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Provide for sufficient ventilation, particularly in closed rooms.

Environmental precautions

Environmental precautions Avoid release to the environment.
Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.

Methods and material for containment and cleaning up

Methods for cleaning up Remove leaked material dry using explosion-proof vacuum cleaner or moistened with a broom and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).
Clean contaminated articles and floor according to the environmental legislation.

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Reference to other sections

Reference to other sections See protective measures under point 7 and 8.
Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling It is recommended to design all work processes always so that the following is excluded:
Inhalation
dermal
Eye contact
oral
Avoid dust formation.
Take precautionary measures against static discharges.

Precautions When using do not eat, drink or smoke.
Wash hands before breaks and after work.

Advice on protection against fire and explosion Usual measures for fire prevention.

Conditions for safe storage, including any incompatibilities

Storage space and container requirements Keep container tightly closed in a cool, well-ventilated place.
Store in a dry place.

German storage class 10-13

Specific end use(s)

Specific use(s) No information available.

8. Exposure controls/personal protection

Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls

Respiratory protection In case of inadequate ventilation wear respiratory protection.

Hand protection The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Eye protection Wear eye glasses with side protection according to EN 166.

Skin and body protection When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

General protective and hygiene measures Technical measures and the application of suitable work processes have priority over personal protection equipment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	solid
Colour	cream coloured to white
Odour	characteristic
Odour threshold	No data available
pH	No data available
Melting point [°C] / Freezing point [°C]	> 50
Boiling point [°C]	No data available
Flash point [°C]	> 100
Evaporation rate [kg/(s m ²)]	No data available
Flammability	No data available
Explosion limits [Vol-%]	
Lower limit	No data available
Explosion limits [g/m ³]	
Lower limit	No data available
Vapour pressure [kPa]	No data available
Density [g/cm ³]	No data available
Relative density	No data available
Solubility	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
Autoignition temperature [°C]	No data available
Decomposition temperature [°C]	No data available
Viscosity, dynamic [kg/(m s)]	No data available
Viscosity, kinematic [mm ² /s]	No data available
Explosive properties	No data available
Oxidising properties	No data available

Other information

Other data No information available.

10. Stability and reactivity

Reactivity

Reactivity No hazardous reaction when handled and stored according to provisions.

Chemical stability

Chemical stability The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Hazardous reactions No information available.

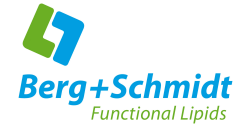
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Conditions to avoid

Conditions to avoid Avoid high temperatures or direct sunlight.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials

Materials to avoid Keep away from strongly acidic and alkaline materials as well as oxidizers.

Hazardous decomposition products

Hazardous decomposition products Decomposition products in case of fire: see section 5.

11. Toxicological information

Information on toxicological effects

Oral toxicity [mg/kg]	>2000
Test criterion	LD50
Dermal toxicity [mg/kg]	No information available.
Inhalative toxicity [mg/l]	No information available.
Irritant effect on skin	No information available.
Irritant effect on eyes	No information available.
Sensitization	No information available.
Carcinogenic effects	No information available.
Mutagenicity	No information available.
Reproduction toxicity	No information available.
Symptoms	No information available.
Specific target organ toxicity (single exposure) [mg/kg]	
Route of exposure	No information available.
Specific target organ toxicity (repeated exposure) [mg/kg]	
Route of exposure	No information available.
Aspiration hazard	
experience	No information available.

12. Ecological information

Toxicity

Toxicity to fish [mg/l]	No information available.
Toxicity to daphnia [mg/l]	No information available.
Toxicity to algae [mg/l]	No information available.

Persistence and degradability

Biodegradability	No information available.
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Bioaccumulative potential

Bioaccumulation No information available.

Mobility in soil

Mobility

Mobility No information available.

Results of PBT and vPvB assessment

Results of PBT characteristics determination This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Other adverse effects

Environmental hazards No data available

13. Disposal considerations

Waste treatment methods

Disposal considerations Contain and dispose of waste according to local regulations.

Uncleaned empty packaging Dispose according to legislation.

14. Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.2 UN proper shipping name	Non dangerous good	Non dangerous good	Non dangerous good
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.

Special precautions for user

Precautions No information available.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code No information available.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations No further relevant information available.

Chemical safety assessment

Safety assessment For this substance a chemical safety assessment has not been carried out.

16. Other information

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Recommended restrictions No information available.

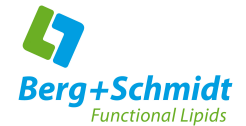
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Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Modifications of the previous version are denoted with an asterisk (*).