

Safety Data Sheet as per regulation (EC) 1907/2006 - 2020/878

Commercial Product Name: BergaSoft SCI 80 Powder - BergaSoft SCI 80 Powder / MB

Revision Date: 16.12.2022

Replaces version from: 28.09.2021

Version: 3.0/en

Print date: 16.12.2022



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

1.1 Product identifier

Commercial Product Name **BergaSoft SCI 80 Powder - BergaSoft SCI 80 Powder /MB**

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

Relevant identified uses Cosmetics, personal care products

Recommended restrictions No information available.

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone number

Emergency telephone number +49-(0)551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 Eye Irrit. 2; H319 Aquatic Chronic 3; H412

2.2 Label elements

Hazard pictogram



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label

Fatty acids, coco, 2-sulfoethyl esters, sodium salts

H-statement(s)

H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

P-statement(s)

P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

* Article 59(1) - endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Hazard precautions

May form explosible dust-air mixture if dispersed.

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The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.1 Substances

Ingredient	Numbers
Fatty acids, coco, 2-sulfoethyl esters, sodium salts	CAS No.: 61789-32-0 EC-No.: 263-052-5 REACH No.: 01-2119974104-40

SECTION 4: First aid measures

4.1 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.
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.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray jet Dry extinguishing powder Carbon dioxide (CO ₂) alcohol resistant foam
Extinguishing media which must not be used for safety reasons	Full water jet

5.2 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 (CO ₂) Pyrolysis products, toxic May form combustible dust concentrations in air.
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5.3 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.

SECTION 6: Accidental release measures

6.1 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.

6.2 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.

6.3 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.

6.4 Reference to other sections

Reference to other sections

See protective measures under point 7 and 8.
Disposal: see section 13

SECTION 7: Handling and storage

7.1 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.

7.2 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

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.3 Specific end use(s)

Specific use(s)

No information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	solid
Colour	whitish, light yellow
Odour	characteristic
Odour threshold	No data available
Melting point [°C] / Freezing point [°C]	> 200
Boiling point [°C]	> 300
Flammability	No data available
Explosion limits [Vol-%]	
Lower limit	No data available
Explosion limits [g/m³]	
Lower limit	No data available
Flash point [°C]	No data available
Decomposition temperature [°C]	No data available
pH	4.7 - 7.0
Concentration	5%
Temperature [°C]	25
	No data available
Viscosity, kinematic [mm²/s]	No data available
Viscosity, dynamic [kg/(m s)]	No data available
Solubility	No data available
Water solubility [g/l]	0.102
Temperature [°C]	23

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Partition coefficient n-octanol / water
(log P O/W) -0.41



Temperature [°C] 20
No data available

Vapour pressure [kPa] No data available

Density [g/cm³] No data available

Relative density No data available

9.2.2 Other safety-related parameters

Evaporation rate [kg/(s m²)] No data available

Explosive properties not explosive.

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Hazardous reactions No information available.
Danger of dust explosion

10.4 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.
Formation of explosible dust/air mixtures

10.5 Incompatible materials

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

10.6 Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1 Information on the hazard classes within the meaning of Regulation (EU) No. 1272/2008

Oral toxicity [mg/kg]

Hazardous ingredients

Fatty acids, coco, 2-sulfoethyl esters, sodium salts				
Value	Test criterion	Test species	Remarks	Measuring method
> 2000	LD50	Rat	Source: ECHA	OECD 401

Dermal toxicity [mg/kg] No information available.

Inhalative toxicity [mg/l] No information available.

Irritant effect on skin

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Hazardous ingredients

Fatty acids, coco, 2-sulfoethyl esters, sodium salts			
Value	Measuring method	Test species	Remarks
non-irritant.	OECD 404	Rabbit	Source: ECHA

Irritant effect on eyes

Hazardous ingredients

Fatty acids, coco, 2-sulfoethyl esters, sodium salts			
Value	Measuring method	Test species	Remarks
Irritant	OECD 405	Rabbit	Source: ECHA

Sensitization

Hazardous ingredients

Fatty acids, coco, 2-sulfoethyl esters, sodium salts			
Value	Measuring method	Test species	Remarks
not sensitising.	OECD 406	Guinea pig	Source: ECHA

Mutagenicity

No information available.

Carcinogenic effects

No information available.

Reproduction toxicity

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.

11.2 Information about other hazards

* Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Hazardous ingredients

Fatty acids, coco, 2-sulfoethyl esters, sodium salts					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks
> 25	LC50	On-corhynchus mykiss (Rainbow trout)	OECD 203	96	Source: ECHA

Toxicity to daphnia [mg/l]

Hazardous ingredients

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Fatty acids, coco, 2-sulfoethyl esters, sodium salts					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Remarks
>= 32	EC50	Daphnia magna (Big water flea)	48	OECD 202	Source: ECHA

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

12.2 Persistence and degradability

Biodegradability

Hazardous ingredients

Fatty acids, coco, 2-sulfoethyl esters, sodium salts	
Value	Remarks
Readily biodegradable.	OECD 301D, Source: ECHA

12.3 Bioaccumulative potential

Bioaccumulation No information available.

12.4 Mobility in soil

Mobility

Mobility No information available.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

* Harmful effects on the environment This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other harmful effects

* Environmental hazards No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

Uncleaned empty packaging Dispose according to legislation.

SECTION 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.

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	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
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14.6 Special precautions for user

* Precautions No information available.

14.7 Bulk transport by sea according to IMO instruments

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

SECTION 15: Regulatory information

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

Additional regulations No further relevant information available.

15.2 Chemical safety assessment

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

SECTION 16: Other information

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

Relevant H-phrases H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Wording of the hazard classes Eye Irrit.: Serious eye irritation
Aquatic Chronic: Hazardous to the aquatic environment

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification	Evaluation
Eye Irrit. 2; H319	Calculated
Aquatic Chronic 3; H412	Calculated

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.