

Trade name: Cellulosum microcrist

Substance number: 062501

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 04.10.19

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

1.1. Product identifier

Cellulosum microcrist

Item No. 06250100

Substance / product identification

CAS-No. 9004-34-6

EINECS-No. 232-674-9

INCI Cellulose

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

Use of the substance/preparation

pharmacy

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Chemical characterization

substances

Other information

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

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After skin contact

Wash off with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

After ingestion

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Seek medical advice immediately.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / treatment**

A specific antidote is not known. Symptomatic treatment (decontamination, vital functions).

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Forms explosive mixture with air are possible.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Ensure adequate ventilation. Use personal protective clothing. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Dust can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value appr. 25 °C

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Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place. Keep only in original packaging.

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Product is hygroscopic.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Cellulose**

List	SUVA		
Type	MAK		
Value	3	mg/m ³	
Status: 2017; Remarks: OAW; NIOSH s. 1.8.2			

8.2. Exposure controls**Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Wash hands before breaks and after work. Avoid contact with skin and eyes. Do not inhale dust/fumes/mist.

Respiratory protection

Dust mask

Hand protection

Protective gloves	
Appropriate Material	rubber

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Crystalline powder		
Colour	white		
Odour	odourless		
pH value			
Value	5.0	to	7.0
Concentration/H ₂ O	110	g/l	

Melting point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Remarks Not applicable

Flammability (solid, gas)

Not ignitable

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Solubility in water

Remarks insoluble

Ignition temperature

Value 420 °C

9.2. Other information**Bulk density**Value 0.26 to 0.31 g/cm³**Other information**

Forms explosive mixture with air are possible. The product is capable of dust explosions.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

10.6. Hazardous decomposition products

None

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Species	rat		
LD50	>	5000	mg/kg

Acute dermal toxicity

Species	rabbit		
LD50	>	2000	mg/kg

Acute inhalational toxicity

Species	rat		
LC50	>	5.05	mg/l
Duration of exposure	4	h	

Skin corrosion/irritation

Species	rabbit	
Remarks	No effect of irritation known.	

Serious eye damage/irritation

Species	rabbit	
Remarks	No effect of irritation known	

Sensitization

Species	guinea pig	
Remarks	No sensitisation effect known.	

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Subacute, subchronic, chronic toxicity

Duration of exposure	90	d
Remarks	None	

Mutagenicity

Method	Ames test
Remarks	negative

Other information

By appropriate use of the product no health damage is known.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	> 100		%(V)
Duration of exposure	96	h	

Daphnia toxicity

Species	Daphnia magna		
LC50	> 100		%(V)
Duration of exposure	48	h	

Algae toxicity

EC50	> 100		%(V)
Duration of exposure	96	h	

12.2. Persistence and degradability**Biodegradability**

Remarks The product is biodegradable.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

12.6. Other adverse effects**General information / ecology**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

In accordance with regulations for special waste, must be taken to an authorised special waste disposal site.

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information

SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.