

Trade name: Carmellosum natricum 2000

Substance number: 062488

Version: 3 / CH

Date revised: 16.01.2025

Replaces Version: 2 / CH

Print date: 16.01.25

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

1.1. Product identifier

Carmellosum natricum 2000

Item No. 06248800

Registration no.

EC No.: 618-378-6

CAS No. 9004-32-4

Substance / product identification

CAS-No. 9004-32-4

INCI Cellulose Gum

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

Use of the substance/preparation

Rheological modifier

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

Voluntary product information following the Safety Data Sheet format

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.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients ***

Further ingredients ***

Cellulose, carboxymethyl ether, sodium salt

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Concentration >= 95 %
Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures *****4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible). Do not leave casualty unattended.

After inhalation

Remove the casualty into fresh air and keep him calm. If the patient is likely to become unconscious, place and transport in stable sideways position. In the event of symptoms take medical treatment.

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.). Remove contact lenses. By continuous complaints consult a physician.

After ingestion

Rinse out mouth and give plenty of water to drink. Consult a physician if necessary.

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

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

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

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

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

Use personal protective clothing. Use self-contained breathing apparatus.

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

Ensure supply of fresh air. Keep away unprotected persons. Use personal protective clothing. Avoid dust formation.

6.2. Environmental precautions

Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

For tall amounts: Take up mechanically and collect in suitable container for disposal. Clean up affected area.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep away from heat and sources of ignition. Avoid the formation and deposition of dust. Take action to prevent static discharges. Smoking, eating and drinking should be prohibited in application area.

Advice on protection against fire and explosion

Avoid deposition of dust.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Hints on storage assembly

None known

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Avoid any contact with the body. General industrial hygiene practice. Provide adequate ventilation.

Respiratory protection

Breathing apparatus in the event of aerosol. necessary; If vapours occur, use filter type A (= against vapours of organic compounds) according to EN 14387.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	Butyl rubber - Butyl
Material thickness	> 0.5 mm
Breakthrough time	480 min

Hand protection must comply with EN 374.

Eye protection

necessary; Safety glasses

Body protection

necessary; Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	whitish
Odour	odourless
Flash point	
Value	°C

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Substance number: 062488

Version: 3 / CH

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Remarks	Not applicable			
Ignition temperature				
Value		to	360	°C
pH value				
Value	6.5	to	8.5	
Temperature	20	°C		
Density and/or relative density				
Value	< 1			g/cm ³

9.2. Other information**Solubility in water**

Remarks soluble

Combustion factor

Combustion factor 5

Bulk densityValue 550 to 1.000 kg/m³**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Dust can form explosive mixtures with air.

10.4. Conditions to avoid

Protect from sun. Strong UV radiation. Protect from light and atmospheric moisture. Keep away from sources of heat and ignition. Protect from frost.

10.5. Incompatible materials

Oxidising agents

10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide

Other information

Vapours and gases can form an explosive mixture with air.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Cellulose, carboxymethyl ether, sodium salt**

Species	rat		
LD50		27000	mg/kg

Acute dermal toxicity (Components)**Cellulose, carboxymethyl ether, sodium salt**

Species	rabbit		
LD50	>	2000	mg/kg

Acute inhalative toxicity (Components)

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Replaces Version: 2 / CH

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Cellulose, carboxymethyl ether, sodium salt

Species	rat	
LC50	> 5800	mg/l
Administration/Form	Dust/Mist	

Skin corrosion/irritation (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

Sensitization (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

Mutagenicity (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

Reproduction toxicity (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)**Cellulose, carboxymethyl ether, sodium salt**

Remarks Based on available data, the classification criteria are not met.

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****Cellulose, carboxymethyl ether, sodium salt**

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)
LC50	> 100 mg/l
Duration of exposure	96 h
Method	static; EPA-540/9-85-006 (Acute Toxicity Test for Freshwater Fish)
Remarks	No data available.

Cellulose, carboxymethyl ether, sodium salt

Species	Bluegill (<i>Lepomis macrochirus</i>)
LC50	> 100 mg/l
Duration of exposure	96 h
Method	static; EPA-540/9-85-006 (Acute Toxicity Test for Freshwater Fish)

Daphnia toxicity (Components)

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Cellulose, carboxymethyl ether, sodium salt

Remarks No data available.

12.2. Persistence and degradability**Biodegradability (Components)****Cellulose, carboxymethyl ether, sodium salt**

Value 26 %

Method OECD 301D

Remarks Information on biodegradation processes is available.

Source Manufacturer's data

Source BM000711 SBD Ashland 20230106

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment *****

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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

Ecological data are not available.

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

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	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 *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany) *****

Water Hazard Class (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

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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.