


<p>Page 1 of 4</p> <p>Print Date 23.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Carmellose-Natrium (nominale Viskosität 2000 mPa s)</p>	 <p>Revision Date 23.11.2018</p>
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## 1 Identification of the substance/mixture and of the company/undertaking

• **Informations to product No. 5160**

• **Product name:**

**Carmellose-Natrium (nominale Viskosität 2.000 mPa s)**

Carmellosum natricum, Carboxymethylcellulose-Natrium

• **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

• **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

• **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

• **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

## 2 Hazards identification

• **Hazard classification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

**CAS-No. Substance name**

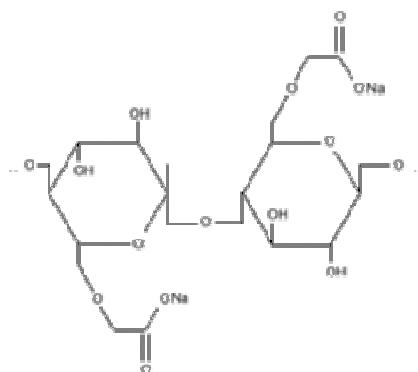
9004-32-4 Sodium - Carboxymethylcellulose


• **EINECS-No.:** 618-378-6

• **REACH Reg. No.:** - (Polymer)

• **INCI-Name:** Cellulose Gum

• **Chemical characterization:**



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## 4 First aid measures

- **General advices:** No special measures required.
- **after inhalation:** Fresh air. Moderate irritation of respiratory ways possible.
- **after skin contact:** Wash off with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. If feeling unwell continuously seek medical advice.
- **after swallowing:** If feeling unwell seek medical advice.

## 5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

## 6 Accidental release measures:

- **Personal protective measures:** Avoid contact with substance.
- **Environmental protective measures:** Do not empty into drains, prevent from contaminating surface water or the ground water system.
- **Methods for cleaning:** Take up dry. Produkt bildet mit Water rutschige Beläge.

## 7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** Avoid dust generation. Take measures against elektrostatische charging.
- **Informations to fire or explosion protection:** Avoid dust formation. Danger of dust explosion.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).
- **Advices on common storage:** Not required.


## 8 Exposure controls / personal protective equipment

### Components with limit values that require monitoring at the workplace:

MAK (D) 6 mg/cbm (General dust limit )  
OES (GB) 10 mg/cbm  
TLV (USA) 10 mg/cbm  
VME (F) 10 mg/cbm

### • Personal protective equipment:

- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber or latex.
- **Eye protection:** Safety glasses.

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## 9 Physical and chemical properties

- **Form:** Powder
- **Colour:** crème colour
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not applicable
- **Density:** (Bulk density): 550 - 1000 kg/cbm
- **Solubility in Water:** dispergable with forming of colloid solutions
- **pH-range:** 6,5 - 8,5

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**  
No decomposition during appropriate use.
- **Materials to avoid:** Strong oxidants.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** LD50(oral,Rat): > 2000 mg/kg  
No irritant effect or sensitizing effect known.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information


- **Biodegradation:** Not readily biodegradable.
- **Remark:** Do not allow to enter surface and ground water, waste water or soil.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

## 13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

## 14 Transport informations

- **Land transport according to ADR:**  
Not classified as dangerous in the meaning of transport regulations.

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## 15 Regulatory information

• **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

The product does not need to be labelled according to GHS-regulations.

• **National regulations (Germany):**

• **Water hazard class:** see chapter 12

• **Storage class TRGS 510:** 11

## 16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

• **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.