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

· **Informations to product No. 3029**

· **Product name:**

### **Hydroxyethylcellulosegel (konserviert)** **Mucilago Hydroxyaethylcellulosi**

· **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

· **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

· **Chemical characterization**

**CAS-Nr. Substance name**

9004-62-0 Hydroxyethylcellulose (2,5%)

· **EINECS-No.:** 618-387-5

· **REACH Reg. No.:** (pre-registered)

· **INCI-Name:** Hydroxyethylcellulose

**CAS-Nr. Substance name**

56-81-5 Glycerol (8,5%)

· **EINECS-No.:** 200-289-5

· **REACH Reg. No.:** 01-2119471987-18-0000

· **INCI-Name:** Glycerin


**CAS-No. Substance name**

7732-18-5 Water (50%)

· **EINECS-No.:** 231-791-2

· **REACH Reg. No.:** Von der Registrierungspflicht ausgenommen gem. Anhang 4 / 5 REACH-Verordnung

· **INCI-Name:** Aqua

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**CAS-Nr. Substance name**

110-44-1 Sorbic acid (0,1%)

- **EINECS-No:** 203-768-7
- **REACH Reg. No.:** 01-2119950330-49-0000
- **INCI-Name:** Sorbic Acid

**CAS-Nr. Substance name**

24634-61-5 Potassium sorbate (0,1%)

- **EINECS-No:** 246-376-1
- **REACH Reg. No.:** 01-2119950315-41-0000
- **INCI-Name:** Potassium Sorbate

#### 4 First aid measures

- **after inhalation:** Not relevant.
- **after skin contact:** Rinse off with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. 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

- **Environmental protective measures:** Prevent from entering into drainage ditch.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.

#### 7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:** No special measures required.
- **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.

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## 8 Exposure controls / personal protective equipment

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

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**

- **General protective and hygiene measures:**

The usual precaution measures during handling of chemicals are to observe.

- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Eye protection:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** Gel
- **Colour:** clear
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** Not relevant
- **Flammability (solid, vapours):** Not flammable
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** miscible

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**

No decomposition during appropriate use.


- **Materials to avoid:** Strong oxidizers
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** LD50 > 5000 mg/kg oral
- **Primary irritant effect:** no irritant effect
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Information about elimination (persistence and degradability):** Readily biodegradable.
- **Aquatic toxicity:** no informations available.
- **Water hazard class:** 1 (self classification): slightly hazardous for water.

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### 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.

### 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:** 12
- **VbF class:** -

### 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.