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

• **Informations to product No. 448**

• **Product name:**

**Gummi, arabisches, sprühgetrocknet**  
Gummi arabicum plv.

• **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

• **Chemical characterization:** Dried juice of Acacia senegal. Composition: L-Arabinose, D-Galactose, L-Rhamnose and D-Glucuronic acid in the ratio 3:3:1:1. Powder or pieces.

**CAS-No. Substance name:**

9000-01-5 Gummi arabicum

• **EINECS-No.:** 232-519-5

• **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.

• **INCI-Name:** Gummi Arabicum


## 4 First aid measures

• **after inhalation:** Fresh air

• **after skin contact:** Wash off with water.

• **after eye contact:** Rinse out with plenty of water with the eyelid wide open.

• **after swallowing:** Not toxic

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## 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. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.

## 6 Accidental release measures

- **Environmental protective measures:** No special measures required.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

## 7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:** During handling of big quantities of the powder risk 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 ).

## 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. 6 mg/m<sup>3</sup> (general limit for fine dust)

- **Personal protective equipment:**
- **Respiratory protection:** Dust protection mask
- **Hand protection:** Not required.

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white – faint yellow.
- **Odour:** Odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** > 250 °C
- **Density:** not determined; Bulk density: 600 Kg/cbm.
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 400 g/l
- **pH-range:** (100 g/l, 20 °C) ca. 5
- **Viscosity:**
- **dynamic:** A 40%-solution shows newtonian behaviour, at higher concentrations it is pseudoplastic.

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## 10 Stability and reactivity

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

No decomposition during appropriate use.

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

## 11 Toxicological information

- **Acute toxicity:** LD50(oral, rat): 8000 mg/kg
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Aquatic toxicity:** Quantitative ecotoxicological data for this product are not available. Naturally occurring substance.
- **Information about elimination (persistence and degradability):** Easily biodegradable.
- **Water hazard class:** 2 (VwVwS): hazardous for water.

## 13 Disposal considerations


- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Ungereinigte Verpackungen:**
- **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:** 11

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## 16 Other Information

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