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

· **Informations to product No. g197**

· **Product name:**

Eibischsirup (konserviert)

Althaeae sirupus
Marshmallow syrup

· **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:**

Medical form: Viscous, watery solution of inverted sugar syrup (solution of Fructose and Glucose) in high concentration, containing plant extracts.

CAS-No. Substance name

50-99-7 Glucose (20%)

· **EINECS-No.:** 200-075-1

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

· **INCI-Name:** Glucose


CAS-No. Substance name

57-48-7 Lävulose (ca. 20%)

· **EINECS-No.:** 200-333-3

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

· **INCI-Name:** Fructose

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CAS-No. Substance name

57-50-1 Saccharose (20%)

- **EINECS-No.:** 200-334-9
- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- **INCI-Name:** Sucrose

CAS-No. Substance name

73049-65-7 Althaea Officinalis Extract

- **EINECS-No.:** 277-254-6
- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- **INCI-Name:** Althaea Officinalis Extract

CAS-No. Substance name

99-76-3 Methyl-4-hydroxybenzoat (0,075%) GHS07, H315, H319, H335

- **EINECS-No.:** 202-785-7
- **REACH Reg. No.:** 01-2119463264-40-0000
- **INCI-Name:** Methylparaben

CAS-No. Substance name

94-13-3 n-Propyl-4-hydroxybenzoat (0,025%)

- **EINECS-No.:** 202-307-7
- **REACH Reg. No.:** 01-2119969462-29-0000
- **INCI-Name:** Propylparaben

CAS-No. Substance name

64-17-5 Ethanol (ca. 1%) GHS02, H226

- **EINECS-No.:** 200-578-6
- **REACH Reg. No.:** 01-2119457610-43-0010
- **INCI-Name:** Alcohol

CAS-No. Substance name

7732-18-5 Water (ad 100%)


- **EINECS-No.:** 231-791-2
- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- **INCI-Name:** Aqua

4 First aid measures

- **after skin contact:** Wash off with water
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** (big quantities): 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

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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:** No special measures required.
- **Environmental protective measures:** No special measures required.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **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).

8 Exposure controls / personal protective equipment

Components with limit values that require monitoring at the workplace: None.


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

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** yellow – dark brown
- **Odour:** aromatic
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** 1,3 – 1.35 g/cm³
- **Solubility in / Miscibility with**
- **Water:** Completely miscible.
- **Refractory index:** 1,44 – 1,455

10 Stability and reactivity

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

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11 Toxicological information

- **Acute toxicity:** Not toxic, naturally occurring substance.

12 Ecological information

- **Information about elimination (persistence and degradability):** Readily biodegradable.
- **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.

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.