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

• **Informations to product No. g238**

• **Product name:**

Succus Liquiritiae depur. solut.
Gereinigter verdünnter Süßholzsaf (konserviert)
Purified diluted liquorice juice solution

• **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:** Liquorice juice, 50% solution in water.

CAS-No. Substance name

68916-91-6 Liquorice (19,25%)

• **EINECS-No.:** 272-837-1

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

• **INCI-Name:** Glycyrrhiza Glabra Root Extract


CAS-No. Substance name

7732-18-5 Water (ca. 67,3%)

• **EINECS-No.:** 231-791-2

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

• **INCI-Name:** Aqua

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CAS-No. Substance name

24634-61-5 Potassium sorbate (0,2%) GHS07, H319

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

CAS-No. Substance name

64-17-5 Ethanol (2,75)

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

CAS-No. Substance name

50-70-4 Sorbit DL (10,5%)

- **EINECS-No.:** 200-061-5
- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** Sorbitol

4 First aid measures

- **after skin contact:** Wash away with water and soap.
- **after eye contact:** Rinse out with water.

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 drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:**
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** Keep away from open fire. Do not smoke.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed, cool and dry.

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

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** black
- **Odour:** nearly odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** (20 °C) 1,187
- **Solubility in / Miscibility with**
- **Water:** soluble

10 Stability and reactivity

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

11 Toxicological information


- **Acute toxicity:** Quantitative toxicological data for this product are not available.
Food ingredient. Not toxic.
A possible health risk after swallowing of big quantities is due to the content of. glycyrrhizic acid.

12 Ecological information

- **Aquatic toxicity:**
Quantitative ecotoxicological data for this product are not available.
Not acute harmful for water organisms.
- **Water hazard class:** 1 (self classification): 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.

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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.