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

- Informations to product No. g238
- Product name:

  **Succus Liquiritiae depur. solut.**
  Gereinigter verdünnter Süßholzsaft (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

2 Hazards identification

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

3 Composition / information on ingredients

- Chemical characterization: Concentrated liquorice juice, 50% solution in water.
- Identification number(s) no informations available.
- Chemical characterization
  - Description: Mono- and disaccharided, glycyrrhinic acid.

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.

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: Not determined.
· 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 glycyrrhizinic acid.

### 12 Ecological information

- **Ecotoxic effects:**
  Quantitative ecotoxicological data for this product are not available.
- **Aquatic toxicity:**
  Not acute harmful for water organisms.

### 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 EC-regulations:**
  The product does not need to be labelled according to EC directives or respective national laws.
- **National regulations (Germany):**
- **Water hazard class (German regulation):** Generally not hazardous for water.

### 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.