


<p>Page 1 of 3</p> <p>Print Date 20.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Succus Liquiritiae plv.</p>	 <p>Revision Date 20.11.2018</p>
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1 Identification of the substance/mixture and of the company/undertaking

- **Informations to product No. 914b**
- **Product name:**

Succus Liquiritiae plv. - Starklakritz -

- **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:** Mixture of dried Glycyrrhiza juice
- **Description:** Mono- and disaccharides, Glycyrrhizinic acid.

CAS-No. Substance name

68916-91-6 Liquorice


- **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

4 First aid measures

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

<p>Page 2 of 3</p> <p>Print Date 20.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Succus Liquiritiae plv.</p>	 <p>Revision Date 20.11.2018</p>
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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, small amounts of hydrogen chloride, ammonia.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.

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.
- **Information 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:** Not required.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** dark brown - black
- **Odour:** nearly odourless.
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Density:** Not determined.
- **Solubility in / Miscibility with**
- **Water:** soluble

10 Stability and reactivity

- **Materials to avoid:** Strong oxidizers

<p>Page 3 of 3</p> <p>Print Date 20.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Succus Liquiritiae plv.</p>	 <p>Revision Date 20.11.2018</p>
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- **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. Possible health risks after consumption of big quantities are due to the contained Glycyrrhizinic acid.

12 Ecological information

- **Ecotoxic effects:** Quantitative ecotoxicological data for this product are not available. Naturally occurring substance.
- **Water hazard class:** nwg (self classification): not 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

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.