


<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>Salmiakpastillen -extra stark- Ammoniumchl.-geh.ca.7,6%</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. 911**
- **Product name:**

Salmiakpastillen -extra stark- Ammoniumchl.-geh.ca.7,6% **Salty Liquorice**

- **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. Contains 7,5% ammonium chloride (Salmiak)
- **Description:** Mono- and disaccharides, Glycyrrhizinic acid, ammonium chloride

CAS-No. Substance name

68916-91-6 Liquorice (93%)

- **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


12125-02-9 Ammonium chloride (7%), GHS07, H302, H319

- **EINECS-No.:** 235-186-4

- **EG-Index-No.:** 017-014-00-8

- **REACH Reg. No.:** 01-2119487950-27-0000

- **INCI-Name:** Ammonium Chloride

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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. 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.
- **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:** Not required.

9 Physical and chemical properties

- **Form:** Pieces in rhombic form
- **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

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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. Possible health risks after consumption of big quantities are due to the contained Glycyrrhizic acid and ammonium chloride.

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.