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

• **Informations to product No. g96c**

• **Product name:**

Extractum Liquiritiae sicc. normatum 3-4 : 1
Standardisierter Süßholztrockenextrakt

• **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

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


4 First aid measures

• **after inhalation:** Fresh air.

• **after skin contact:** Wash away with water and soap.

• **after eye contact:** Rinse out with plenty of water with the eyelid wide open.

• **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

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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.

- **Special protective equipment for fire-fighters:** No special measures required.

6 Accidental release measures

- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry, wash away with water.

7 Handling and storage

- **Handling:**
- **Informations to fire or explosion protection:** Powders of organic substances can form explosive mixtures with air. Avoid dust formation.
- **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


- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** Powder
- **Colour:** brown-black
- **Odour:** aromatic (liquorice)
- **Melting point / melting range:** not determined
- **Explosion hazard:** Powder can form explosive mixtures with air
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** Readily soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Materials to avoid:** Oxidants
- **Hazardous reactions:** No hazardous reactions known.

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- **Hazardous decomposition products:** none

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on skin:** Not irritant.
- **on eyes:** Not irritant.
- **on respiratory organs:** After inhalation of dust Coughing, Respiratory insufficiency.
- **after swallowing:** (bigger quantities) gastrointestinal disorders.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Information about elimination (persistence and degradability):** Readily biodegradable.
- **Water hazard class:** nwg (self classification): not 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:** 11

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.