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| <p>Page 1 of 4</p> <p>Print Date 28.11.2018</p> | <p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Guaj-Azulen 25% (naturident.) wasserlöslich</p> |  <p>Revision Date 28.11.2018</p> |
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1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 4252**

· **Product name:**

Guaj-Azulen 25% (naturident.) wasserlöslich
Azulen 25%

· **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

· **GHS-Labeling Elements:**



· **Signal word:** Warning

· **H-Phrases:**

H302 Harmful if swallowed

Acute Tox. 4

3 Composition / information on ingredients

· **Chemical characterization:**


CAS-No. Substance name

489-84-9 7-Isopropyl-1,4-dimethylazulene (25%), GHS07, H302

· **EINECS-No.:** 207-701-2

· **REACH Reg. No.:** (pre-registered)

· **INCI-Name:** Guaiazulene

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CAS-No. Substance name

61791-12-6 Ethoxylated ricinoleate (75%)

- **EINECS-No.:** 500-151-7
- **REACH Reg. No.:** 01-2119958762-26-0000
- **INCI-Name:** Castor Oil, ethoxylated

4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately. Show product-label or this MSDS.
- **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of 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.

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.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **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:


- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry or with liquid-binding material. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:** Protect from light. Melting/solidifying point ca. 30°C. If crystallized, warm closed storage vessel in water bath of 45-50°C about 4 hours and agitate occasionally.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. Protect from light. Store below +15°C.

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **Respiratory protection:** Not required
- **Hand protection:** Protection gloves of rubber.

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9 Physical and chemical properties

- **Form:** Paste, above 30 °C viscous
- **Colour:** dark blue
- **Odour:** faint odour
- **Melting point / melting range:** 30 °C
- **Flash point:** not determined
- **Density:** not determined
- **Bulk density:** 585 kg/m³
- **Solubility in / Miscibility with**
- **Water:** soluble.

10 Stability and reactivity

- **Hazardous decomposition products:** no informations available.
- **Additional information:** Light and air sensitive.

11 Toxicological information

- **Acute toxicity:**
LD/LD50-data relevant for hazard classification:
489-84-9 Guajazulen
Oral: LD50: 1550 mg/kg (rat)
- **Additional toxicological informations:** Systemic effects: A description of toxic symptoms is not available.

12 Ecological information


- **General advices:**
Prevent from leaking into ground water, environment waters or drainage.
- **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.

14 Transport informations

- **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

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15 Regulatory information

• **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

The product is classified and labelled according to GHS-regulations.

• **Hazard symbols:** GHS07

• **Signal word:** Warning

• **H-Phrases:**

H302 Harmful if swallowed

• **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.