


Page 1 of 4  Print Date 28.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Guajacolglycerinäther	 Revision Date 28.11.2018
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## 1 Identification of the substance/mixture and of the company/undertaking

- Informations to product No. 4249
- Product name:

**Guaifenesin, API**  
Guaifenesinum, Guajacolglycerinäther

- 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

- P-Phrases:

P301 IF SWALLOWED:

P312 Call a POISON CENTER or doctor/physician if you feel unwell


**Acute Tox. 4**

## 3 Composition / information on ingredients

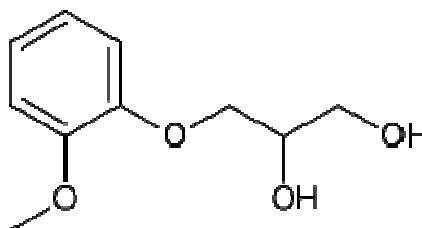
**CAS-No. Substance name**

93-14-1 Guajacolglycerinether

- EINECS-No.: 202-222-5

<p>Page 2 of 4</p> <p>Print Date 28.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Guajacolglycerinäther</p>	 <p>Revision Date 28.11.2018</p>
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- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** -
- **Chemical characterization:**



#### 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, seek medical advice immediately, even if no immediate symptoms are observed.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open , seek medical advice, even if no immediate symptoms are observed.
- **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 but not flammable. In case of fire dangerous gases / vapours can be released: 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. Disposal according to Chapter 13 of this MSDS. Clean up with water.

#### 7 Handling and storage

- **Storage:**
- **Requirements for storage areas and containers:** Keep container tightly closed.

Page 3 of 4  Print Date 28.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Guajacolglycerinäther	  Revision Date 28.11.2018
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## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or rubber.
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** characteristic
- **Melting point / melting range:** 78 - 81 °C
- **Flash point:** not determined
- **Density:** 0,64 - 0,67
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 50 g/l

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous reactions:** exotherme reaction with strong oxidants.
- **Hazardous decomposition products:** no informations available.

## 11 Toxicological information


- LD50/LC50:** CAS# 93-14-1: Oral, Mouse: LD50 = 690 mg/kg;  
Oral, Rabbit: LD50 = 2553 mg/kg;  
LD50 = 1510 mg/kg.
- Carcinogenität:** 3-(2-Methoxyphenoxy)-1,2-propanediol - Von ACGIH, IARC, NTP, or CA Prop 65 not classified as carcinogene.
- Andere:** The toxicological properties are not yet completely researched.

## 12 Ecological information

- **General advices:** Quantitative data about ecological effects of this product are not available.
- **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.

Page 4 of 4  Print Date 28.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Guajacolglycerinäther	 Revision Date 28.11.2018
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## 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 is classified and labelled according to GHS-regulations.

- **Hazard symbols:** GHS07

- **Signal word:** Warning

- **H-Phrases:**

H302 Harmful if swallowed

- **P-Phrases:**

P301 IF SWALLOWED:

P312 Call a POISON CENTER or doctor/physician if you feel unwell

- **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.