

Trade name: Guaifenesinum

Substance number: 060560

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 01.10.19

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Guaifenesinum

Item No. 06056000

#### **Substance / product identification**

CAS-No. 93-14-1

EINECS-No. 202-222-5

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

Manufacture of pharmaceutical products, Chemical for synthesis

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Warning

##### **Hazard statements**

H302 Harmful if swallowed.

##### **Precautionary statements**

P264.1 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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P301+P312

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P330

Rinse mouth.

P501.3

Disposal in compliance with local and national regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains

Guaifenesin

**SECTION 3: Composition/information on ingredients****Molecular weight**

Value

198.22

g/mol

**Hazardous ingredients****Guaifenesin**

CAS No.

93-14-1

EINECS no.

202-222-5

Concentration

&gt;= 75

%

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4

H302

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air.

**After skin contact**

Wash skin thoroughly with water (15 min.). Remove contaminated, soaked clothing immediately and dispose of safely.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. By continuous complaints consult a physician.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Take medical treatment.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water, Carbon dioxide, Foam, Dry powder

**5.2. Special hazards arising from the substance or mixture**

The product is combustible. If a fire breaks out nearby evolution of dangerous gases possible.

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

**Other information**

Do not discharge into surface waters/groundwater.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Do not inhale dust. Ensure supply of fresh air.

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**6.2. Environmental precautions**

Do not empty into drains.

**6.3. Methods and material for containment and cleaning up**

To pick up dry. Send in suitable containers for recovery or disposal. Clean up affected area. Avoid raising dust.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special requirements.

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**

Value 15 - 25 °C

**Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****General protective and hygiene measures**

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection. Wash hands and face after work.

**Respiratory protection**

Breathing apparatus in the event of aerosol.

**Hand protection**

Protective gloves

Appropriate Material nitrile rubber - NBR

Material thickness 0.11 mm

Breakthrough time &gt; 480 min

**Eye protection**

necessary

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Form** Crystalline powder**Colour** white**Odour** odourless**pH value**

Value 5 to 6.5

Concentration/H<sub>2</sub>O 10 g/l**Melting point**

Value 78 to 82 °C

**Initial boiling point and boiling range**

Value 215 °C

Pressure 19 mmHg

**Flash point**

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Value	176	°C
Method	closed cup	

**Upper/lower flammability or explosive limits**

Remarks No data available

**Vapour pressure**

Value 6.8

**Density**

Remarks No data available

**Solubility in water**

Remarks soluble

**Partition coefficient: n-octanol/water**

log Pow 1.39

**Ignition temperature**

Remarks No data available

**Auto-ignition temperature**

Value 550 °C

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Danger of dust explosion

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

**10.5. Incompatible materials**

Product reacts with: Strong oxidising agents, Acids, Alkalis

**10.6. Hazardous decomposition products**

No data available.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

ATE	1'510	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Acute oral toxicity (Components)****Guaifenesin**

Species	rat	
LD50	1510	mg/kg

**Acute dermal toxicity (Components)****Guaifenesin**

Remarks No data available

**Acute inhalative toxicity (Components)**

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**Guaifenesin**

Remarks No data available

**Skin corrosion/irritation (Components)****Guaifenesin**

Remarks No data available

**Sensitization (Components)****Guaifenesin**

Remarks No data available

**Reproduction toxicity (Components)****Guaifenesin**

evaluation On grounds of results of experiments on test animals, a probable risk of damage to the embryo must be assumed.

**Carcinogenicity (Components)****Guaifenesin**

Remarks No data available

**Other information**

Observe the usual precautions for handling chemicals.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity (Components)****Guaifenesin**

Remarks No data available.

**Daphnia toxicity (Components)****Guaifenesin**

Remarks No data available.

**12.3. Bioaccumulative potential****Partition coefficient: n-octanol/water**

log Pow 1.39

**12.6. Other adverse effects****Behaviour in environment compartments**

Because of the n-octanol/water distribution coefficient (log pOW) accumulation in organisms is not possible.

**General information / ecology**

Do not allow it to reach soil, ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

**SECTION 14: Transport information**

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Water Hazard Class (Germany)**

Water Hazard Class (Germany)      WGK 3

Remarks      Classification according to Annex 4 VwVwS

## **SECTION 16: Other information**

#### **Hazard statements listed in Chapter 3**

H302      Harmful if swallowed.

#### **CLP categories listed in Chapter 3**

Acute Tox. 4      Acute toxicity, Category 4

#### **Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.