

Trade name: Guaifenesinum

Substance number: 060565

Version: 3 / CH

Date revised: 17.12.2018

Replaces Version: 2 / 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. 06056500

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)

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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 \geq 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 > 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/H₂O 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.