



Trade name: Guajacolum

Substance number: 063963

Version: 1 / CH

Date revised: 16.03.12

Replaces Version: - / CH

Date of printing: 13.08.12

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

### 1.1. Product identifier

Guajacolum

Item-No.

06396300

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

#### Use of the substance/preparation

Reagent for analyses

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

#### Address

Hänseler AG

Industriestrasse 35

9101 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

## 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

Eye Irrit. 2 H319

Skin Irrit. 2 H315

#### Classification in accordance with EC directives

Classification

Xn, R22

Xi, R36/38

### 2.2. Label elements

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

#### Hazard pictograms



#### Signal Word

Warning

#### Hazard statements

H315

Causes skin irritation.

H302

Harmful if swallowed.

H319

Causes serious eye irritation.

#### Precautionary statements

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact



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lenses, if present and easy to do. Continue rinsing.

**Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

**Hazard symbols**

Harmful

**R phrases**

22	Harmful if swallowed.
36/38	Irritating to eyes and skin.

**S phrases**

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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**Hazardous component(s) to be indicated on label**

contains	Guaiacol
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**3. Composition/information on ingredients****Molecular weight**

Value	124.14	g/mol
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**Hazardous ingredients****Guaiacol**

CAS No.	90-05-1			
EINECS no.	201-964-7			
Concentration		>=	50	%
Classification	Xn, R22 Xi, R36/38			

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

Acute Tox. 4	H302
Eye Irrit. 2	H319
Skin Irrit. 2	H315

**4. First aid measures****4.1. Description of first aid measures****General information**

Seek medical advice immediately. In any case show the physician the Safety Data Sheet.

**After inhalation**

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. Seek medical advice immediately.

**After skin contact**

Wash off with soap and water. Seek medical advice immediately.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical aid immediately.



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**After ingestion**

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Seek medical advice immediately.

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

Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

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

Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

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

Use self-contained breathing apparatus.

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

Wear protective equipment. Avoid dust formation. Do not inhale vapours. Ensure adequate ventilation. Do not inhale dust.

**6.2. Environmental precautions**

Do not allow to enter drains.

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

Avoid raising dust. Take up mechanically and collect in suitable container for disposal.

**6.4. Reference to other sections**

Information regarding Waste Disposal, see chapter 13.

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

Avoid contact with skin and eyes. Avoid dust formation. Avoid formation of aerosols. Provide suitable exhaust ventilation at processing machines.

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

Value 2 - 8 °C

**Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**8. Exposure controls/personal protection****8.1. Control parameters****Other information**

Contains no substances with occupational exposure limit values.

**8.2. Exposure controls****General protective and hygiene measures**



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Observe the usual precautions when handling chemicals. Wash hands before breaks and after work.

**Respiratory protection**

Dust mask; Short term: filter apparatus, Filter P1

**Hand protection**

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

**Eye protection**

Safety glasses with side protection shield

**Body protection**

protective overalls

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	Solidified mass			
<b>Form</b>	Lumps			
<b>Colour</b>	colourless			
<b>Odour</b>	strong			
<b>Odour</b>	unpleasant			
<b>Melting point</b>				
Value	27	to	29	°C
<b>Boiling point</b>				
Value	205			°C
Pressure	1013	hPa		
<b>Flash point</b>				
Value	82			°C
<b>Vapour pressure</b>				
Value	0.15			hPa
Temperature	25	°C		
<b>Density</b>				
Value	1.129			g/cm <sup>3</sup>
<b>Octanol/water partition coefficient (log Pow)</b>				
log Pow	1.32			

**10. Stability and reactivity****10.4. Conditions to avoid**

Protect from light and atmospheric moisture.

**10.5. Incompatible materials**

Strong oxidising agents, Bases

**10.6. Hazardous decomposition products**

No data available.

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



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Species	rat		
LD50		520	mg/kg

**Acute dermal toxicity**

Species	rabbit		
LD50		4600	mg/kg

**Skin corrosion/irritation**

Species	rabbit		
Duration of exposure	24	h	
valuation	strongly irritant		
method	Draize method		

**Serious eye damage/irritation**

Species	rabbit		
Duration of exposure	24		
valuation	strongly irritant		
method	Draize method		

**Sensitization**

Remarks	No data available.
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**Mutagenicity**

Remarks	No data available.
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**Reproduction toxicity**

Remarks	No data available.
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**Carcinogenicity**

valuation	No negative effects
Source	IARC

**Experience in practice**

May be harmful by inhalation, ingestion, skin adsorption. Irritating effect on the respiratory tract. skin exposure. Irritation. eye exposure. Irritation

**12. Ecological information****12.1. Toxicity****Daphnia toxicity**

Species	Daphnia magna		
EC50	25.9		mg/l
Duration of exposure	48	h	

**12.2. Persistence and degradability****Biodegradability**

Remarks	No data available.
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**12.3. Bioaccumulative potential****Octanol/water partition coefficient (log Pow)**

log Pow	1.32
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**12.6. Other adverse effects****General information / ecology**

Harmful to aquatic organisms.

**13. Disposal considerations****13.1. Waste treatment methods**



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### **Disposal recommendations for the product**

In accordance with regulations for special waste, must be taken, to an authorised special waste incineration plant.

### **Disposal recommendations for packaging**

Dispose of as unused product.

## **14. Transport information**

### **Land transport ADR/RID**

Non-dangerous goods

Non-dangerous goods

### **Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

### **Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

## **15. Regulatory information**

## **16. Other information**

### **R-phrases listed in chapter 3**

22	Harmful if swallowed.
36/38	Irritating to eyes and skin.

### **Hazard statements listed in chapter 3**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### **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.