

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

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

### **1.1. Product identifier**

Althaeae sirupus conservatus

Item No. 14380100

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

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

Active pharmaceutical substance

### **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**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

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

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **SECTION 3: Composition/information on ingredients**

### **Chemical characterization**

Extract of herbal drugs

### **Further ingredients**

#### **Sucrose**

CAS No. 57-50-1

EINECS no. 200-334-9

Concentration &gt;= 50 %

Advice: [4]

#### **water**

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration &gt;= 25 &lt; 50 %

Advice: [4]

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

**ALTHAEA OFFICINALIS ROOT**

CAS No.	73049-65-7				
EINECS no.	277-254-6				
Concentration	>=	1	<	10	%
Advice:	[4]				

**methyl 4-hydroxybenzoate**

CAS No.	99-76-3				
EINECS no.	202-785-7				
Registration no.	01-2119463264-40				
Concentration			<	1	%
Advice:	[4]				
Classification (Regulation (EC) No. 1272/2008)	Aquatic Chronic 2		H411		

**4-hydroxybenzoic acid propyl ester**

CAS No.	94-13-3				
EINECS no.	202-307-7				
Registration no.	01-2119969462-29				
Concentration			<	1	%
Advice:	[4]				

**Note**

[4] Voluntary information

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

In case of persistent symptoms consult doctor.

**After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

**After ingestion**

Rinse out mouth and give plenty of water to drink.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

**4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

**SECTION 5: Firefighting measures**

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

## 5.1. Extinguishing media

### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment

### 6.2. Environmental precautions

Do not allow to enter drains or waterways.

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

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations.

### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Observe the usual precautions for handling chemicals.

#### Advice on protection against fire and explosion

No special measures required.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store product in closed containers.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### Storage classes

Storage class according to TRGS 510      12                      Non-combustible liquids

#### Further information on storage conditions

Keep container tightly closed and dry.

## SECTION 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

Observe the usual precautions for handling chemicals.

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

**Respiratory protection**

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

**Hand protection**

Appropriate Material                      neoprene

**Eye protection**

Safety glasses

**Body protection**

Clothing as usual in the chemical industry.

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

<b>Form</b>	viscous liquid
<b>Colour</b>	yellowish, clear
<b>Odour</b>	weak
<b>Colour</b>	cloudy
<b>Odour</b>	fruity
<b>Odour threshold</b>	
Remarks	not determined
<b>pH value</b>	
Remarks	not determined
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Remarks	not determined
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Evaporation rate (ether = 1) :</b>	
Remarks	not determined
<b>Flammability (solid, gas)</b>	
not determined	
<b>Upper/lower flammability or explosive limits</b>	
Remarks	not determined
<b>Vapour pressure</b>	
Value	kPa
Temperature	20 °C
Remarks	Not applicable
<b>Vapour density</b>	
Remarks	not determined
<b>Density</b>	
Value	1.295 to 1.326 g/ml
Remarks	Relative Density according specification
<b>Solubility in water</b>	

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

Remarks not determined

**Solubility(ies)**

Remarks not determined

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

Remarks not determined

**Ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**Viscosity**

Remarks not determined

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**9.2. Other information****Other information**

None known

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

No dangerous reactions known.

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

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

Remarks not determined

**Acute oral toxicity (Components)****4-hydroxybenzoic acid propyl ester**

Species	rat		
LD50	>	5000	mg/kg

**methyl 4-hydroxybenzoate**

Species	rat		
LD50		2100	mg/kg
Method	OECD 401		

**Acute dermal toxicity**

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

Remarks not determined

**Acute inhalational toxicity**

Remarks not determined

**Skin corrosion/irritation**

Remarks not determined

**Skin corrosion/irritation (Components)****methyl 4-hydroxybenzoate**

Species	rabbit
Duration of exposure	24 h
Observation Period	72 h
evaluation	Moderately irritating
Method	Draize method

**Serious eye damage/irritation**

Remarks not determined

**Serious eye damage/irritation (Components)****methyl 4-hydroxybenzoate**

Species	rabbit
Observation Period	48 h
evaluation	Moderately irritating
Method	Draize method

**Sensitization**

Remarks not determined

**Sensitization (Components)****4-hydroxybenzoic acid propyl ester**

Route of exposure	dermal
Species	mouse
evaluation	non-sensitizing
Method	OECD 429

**methyl 4-hydroxybenzoate**

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Subacute, subchronic, chronic toxicity (Components)****4-hydroxybenzoic acid propyl ester**

Sub-chronic toxicity	
Route of exposure	oral
Species	rat
NOAEL	980 mg/kg
Duration of exposure	4 Weeks

**methyl 4-hydroxybenzoate**

Species	rat
NOAEL	>= 250 mg/kg
Duration of exposure	28 d

**Mutagenicity**

Remarks not determined

**Mutagenicity (Components)****4-hydroxybenzoic acid propyl ester**

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

evaluation No mutagenicity according to various in vitro tests.  
Method OECD 471

**methyl 4-hydroxybenzoate**

evaluation No mutagenicity according to various in vitro tests.  
Method OECD 471

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**Other information**

No toxicological data are available.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****4-hydroxybenzoic acid propyl ester**

Species zebra fish (*Brachydanio rerio*)  
LC50 6.4 mg/l  
Duration of exposure 96 h

**methyl 4-hydroxybenzoate**

Species golden orfe (*Leuciscus idus*)  
NOEC 50 mg/l  
Duration of exposure 48 h

**methyl 4-hydroxybenzoate**

Species *Oryzias latipes*  
LC50 59.5 mg/l  
Duration of exposure 96 h  
Method OECD 203

**Daphnia toxicity (Components)****4-hydroxybenzoic acid propyl ester**

Species *Daphnia magna*  
EC50 15.4 mg/l  
Duration of exposure 48 h  
Method ISO 6341

**methyl 4-hydroxybenzoate**

Species *Daphnia magna*  
NOEC 0.2 mg/l  
Duration of exposure 21 d  
Method OECD 211

**methyl 4-hydroxybenzoate**

Species *Daphnia magna*  
EC50 11.2 mg/l  
Duration of exposure 48 h

**Algae toxicity (Components)****4-hydroxybenzoic acid propyl ester**

Species *Pseudokirchneriella subcapitata*  
EC50 15 mg/l  
Duration of exposure 72 h

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

Method	ISO 8692		
<b>4-hydroxybenzoic acid propyl ester</b>			
Species	Pseudokirchneriella subcapitata		
NOEC	2.1		mg/l
Duration of exposure	72	h	
Method	OECD 201		
<b>4-hydroxybenzoic acid propyl ester</b>			
Species	Pseudokirchneriella subcapitata		
EC50	16		mg/l
Duration of exposure	72	h	
Method	OECD 201		
<b>methyl 4-hydroxybenzoate</b>			
Species	Desmodesmus subspicatus		
EC50	91		mg/l
Duration of exposure	72	h	
<b>methyl 4-hydroxybenzoate</b>			
NOEC	17		mg/l
Duration of exposure	72	h	
Method	OECD 201		

## 12.2. Persistence and degradability

### General information

not determined

### Biodegradability (Components)

#### 4-hydroxybenzoic acid propyl ester

Value	91.5		%
Duration of test evaluation	28	d	
Method	Readily biodegradable		
	OECD 301F		

#### methyl 4-hydroxybenzoate

Value	92.2		%
Duration of test evaluation	28	d	
Method	Readily biodegradable		
	OECD 301F		

#### methyl 4-hydroxybenzoate

Value	89		%
Duration of test evaluation	28	d	
Method	Readily biodegradable		
	OECD 301 B		

## 12.3. Bioaccumulative potential

### General information

not determined

### Partition coefficient: n-octanol/water

Remarks not determined

### Octanol/water partition coefficient (log Pow) (Components)

#### 4-hydroxybenzoic acid propyl ester

log Pow 2.8

#### methyl 4-hydroxybenzoate

log Pow 1.98

## 12.4. Mobility in soil



Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

**General information**

not determined

**Mobility in soil (Components)****4-hydroxybenzoic acid propyl ester**

Highly mobile in soils

**methyl 4-hydroxybenzoate**

Highly mobile in soils

**12.5. Results of PBT and vPvB assessment****General information**

not determined

**12.6. Other adverse effects****General information**

not determined

**General information / ecology**

Do not discharge product unmonitored into the environment.

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

Disposal in compliance with local and national regulations.

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	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 WGK 3

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

Trade name: Althaeae sirupus conservatus

Substance number: 143801

Version: 1 / CH

Date revised: 16.06.2022

Replaces Version: - / CH

Print date: 16.06.22

### 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.