

Trade name: Caricae sirupus compositus

Substance number: 144351

Version: 1 / CH

Date revised: 24.05.2023

Replaces Version: - / CH

Print date: 24.05.23

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

### **1.1. Product identifier**

Caricae sirupus compositus

Item No. 14435100

### **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.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

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

### **Chemical characterization**

Extract of herbal drugs

### **Further ingredients**

#### **water**

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration &gt;= 50 %

Advice: [4]

#### **Sucrose**

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CAS No.	57-50-1				
EINECS no.	200-334-9				
Concentration	>=	25	<	50	%
Advice: [4]					

**ethanol**

CAS No.	64-17-5				
EINECS no.	200-578-6				
Concentration	>=	1	<	10	%
Advice: [4]					
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Liq. 2			H225	

**methyl 4-hydroxybenzoate**

CAS No.	99-76-3				
EINECS no.	202-785-7				
Registration no.	01-2119463264-40-0003				
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**

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**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****5.1. Extinguishing media****Suitable extinguishing media**

Foam, Carbon dioxide, Dry powder, Water spray jet

**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****Exposure limit values**

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**ethanol**

List	SUVA			
Type	MAK			
Value	960	mg/m <sup>3</sup>	500	ppm(V)
Short term exposure limit	1920	mg/m <sup>3</sup>	1000	ppm(V)
Pregnancy group: S; Remarks: SSc; Formal; INRS NIOSH				

**Other information**

Contains no substances with occupational exposure limit values.

**Derived No/Minimal Effect Levels (DNEL/DMEL)****ethanol**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1900	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	434	mg/kg/d

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

Observe the usual precautions for handling chemicals.

**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>Physical state</b>	liquid, clear
<b>Colour</b>	dark brown
<b>Odour</b>	aromatic
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Boiling point or initial boiling point and boiling range</b>	
Remarks	not determined
<b>Flammability</b>	

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not determined

**Upper and lower explosive limits**

Remarks not determined

**Flash point**

Value °C

Remarks Not applicable

**Ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**pH value**

Remarks not determined

**Viscosity**

Remarks not determined

**Solubility(ies)**

Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**

Value 1.19 to 1.23 g/ml

Remarks Relative Density according specification

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks not determined

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**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.

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**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 hazard classes as defined in Regulation (EC) No 1272/2008****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		

**methyl 4-hydroxybenzoate**

Species	guinea pig		
LD50		3000	mg/kg

**methyl 4-hydroxybenzoate**

Species	rabbit		
LC50		6000	mg/kg

**ethanol**

Species	rat		
LD50		7060	mg/kg
Source	Toxicology and Applied Pharmacology. Vol. 16, Pg. 718, 1970.		

**ethanol**

Species	rat		
LD50		10470	mg/kg

**Acute dermal toxicity**

Remarks not determined

**Acute dermal toxicity (Components)****ethanol**

Species	rabbit		
LD50		15800	mg/kg

**Acute inhalational toxicity**

Remarks not determined

**Acute inhalative toxicity (Components)****ethanol**

Species	rat		
LC50		30000	mg/m <sup>3</sup>
Duration of exposure	4	h	
Administration/Form	Vapors		

**Skin corrosion/irritation**

Remarks not determined

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

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

**ethanol**

evaluation	non-irritant
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**Serious eye damage/irritation**

Remarks	not determined
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**Serious eye damage/irritation (Components)****methyl 4-hydroxybenzoate**

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

**ethanol**

evaluation	irritant
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**Sensitization**

Remarks	not determined
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**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
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**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
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**Mutagenicity (Components)****4-hydroxybenzoic acid propyl ester**

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

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**methyl 4-hydroxybenzoate**

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

**ethanol**

evaluation No mutagenicity in the Ames-test.

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

**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		
Source	Manufacturer's data		

**methyl 4-hydroxybenzoate**

Species	Daphnia magna		
EC50	11.2		mg/l



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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
Method	ISO 8692	

**4-hydroxybenzoic acid propyl ester**

Species	Pseudokirchneriella subcapitata	
NOEC	2.1	mg/l
Duration of exposure	72	h
Method	OECD 201	

**4-hydroxybenzoic acid propyl ester**

Species	Pseudokirchneriella subcapitata	
EC50	16	mg/l
Duration of exposure	72	h
Method	OECD 201	

**methyl 4-hydroxybenzoate**

Species	Desmodesmus subspicatus	
EC50	91	mg/l
Duration of exposure	72	h

**methyl 4-hydroxybenzoate**

NOEC	17	mg/l
Duration of exposure	72	h
Method	OECD 201	

**Bacteria toxicity (Components)****methyl 4-hydroxybenzoate**

Species	Pseudomonas fluorescens	
EC0	500	mg/l

**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	

**ethanol**

evaluation Readily biodegradable

**Chemical oxygen demand (COD) (Components)**

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**ethanol**

Value

0.93 to 1.67 mg/g

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient n-octanol/water (log value)**

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

**Bioconcentration factor (BCF) (Components)****ethanol**

BCF 0.66

**12.4. Mobility in soil****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

**Results of PBT and vPvB assessment**

The product contains no PBT substances  
The product contains no vPvB substances.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. 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

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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 (Germany)      WGK 1

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

### 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.