

Trade name: Hippocastani sem extr liq / Food

Substance number: 123862

Version: 1 / CH

Date revised: 07.04.2021

Replaces Version: - / CH

Print date: 07.04.21

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

### **1.1. Product identifier**

Hippocastani sem extr liq / Food

Item No. 12386200

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

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

food industry

### **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)

Flam. Liq. 3 H226

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**

H226 Flammable liquid and vapour.

##### **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

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P403+P233 with water [or shower].  
 P501.3 Store in a well-ventilated place. Keep container tightly closed.  
 Disposal in compliance with local and national regulations.

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

### **3.2. Mixtures**

#### **Chemical characterization**

Extract of herbal drugs

#### **Hazardous ingredients**

##### **Escin**

CAS No.	6805-41-0				
EINECS no.	229-880-6				
Registration no.	02-2120003166-71				
Concentration	>= 1	<	2.5	%	
Classification (Regulation (EC) No. 1272/2008)					
	Acute Tox. 4		H302		
	Acute Tox. 4		H332		
	Eye Irrit. 2		H319		
	STOT SE 3		H335		Respiratory tract; Route of exposure: inhalative
	Aquatic Chronic 2		H411		

#### **Further ingredients**

##### **ethanol**

CAS No.	64-17-5				
EINECS no.	200-578-6				
Concentration	>= 25	<	50	%	
Advice: [4]					
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Liq. 2		H225		

##### **Note**

[4] Voluntary information

#### **Other information**

The product is an article within the meaning of Article 3 No. 3 of the REACH Regulation and thus not to be labelled according to the CLP regulation. The compilation of the Safety Data sheet is not required according to Article 31 REACH Regulation for articles and is done on a voluntary basis.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

If you feel unwell, seek medical advice (show the label where possible). Take off contaminated clothing and shoes immediately.

#### **After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment. Irregular breathing/no breathing: artificial respiration.

#### **After skin contact**

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

#### **After eye contact**

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

**After ingestion**

Consult a physician if necessary. Rinse out mouth and give plenty of water to drink.

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

Water spray jet, Carbon dioxide, Alcohol-resistant foam, Dry powder, Extinguishing measures to suit surroundings

**Non suitable extinguishing media**

Full water jet

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

In the event of a fire, toxic and combustible gases can be formed. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

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

Wear full protective suit. Use self-contained breathing apparatus.

**Other information**

Cool endangered containers with water spray jet.

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

Ensure adequate ventilation. Remove persons to safety. Keep away sources of ignition.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal. Clean up affected area.

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

Keep away from heat and sources of ignition. Take action to prevent static discharges.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place. Storage rooms must be properly ventilated.

**Storage classes**

Storage class according to TRGS 510	3	Flammable liquid
Storage category (Switzerland)	3	Flammable liquid

**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; OAW, FormalKT HU; INRS, NIOSH				

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

Avoid any contact with the body. Observe the usual precautions for handling chemicals. Keep away from food-stuffs, beverages and feed-stocks.

**Respiratory protection**

necessary; Do not breathe vapours, dust or aerosol. Provide adequate ventilation.

**Hand protection**

Appropriate Material                      Gloves / resistant to chemicals

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Fire-resistant protective clothing

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

<b>Form</b>	liquid, clear			
<b>Colour</b>	brown			
<b>Odour</b>	peculiar			
<b>Initial boiling point and boiling range</b>				
Value	>	78		°C
Source	Estimated value			
<b>Flash point</b>				
Value	>	24		°C
Source	Estimated value			
<b>Vapour pressure</b>				
Value	<	5.8		kPa
Source	Estimated value			
<b>Density</b>				
Value		0.95	to	0.99 g/ml
Remarks	Relative Density according specification			
<b>Efflux time</b>				
Value		11		s
Method	DIN EN ISO 2431 - 4 mm			

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

Risk of ignition or formation of inflammable gases or vapours with: Air

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

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Keep away from sources of heat and ignition. No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

Heat

**10.5. Incompatible materials**

Alkaline metals, Ammonia, peroxides, Oxidising agents

**10.6. Hazardous decomposition products**

Hazardous determin decomposition products: Carbon monoxide, Carbon dioxide, Flammable gases/vapours

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

ATE	>	10'000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

**Acute oral toxicity (Components)****Escin**

ATE	500	mg/kg
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**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 (Components)****ethanol**

Species	rabbit	
LD50	15800	mg/kg

**Acute inhalational toxicity**

ATE	>	100	mg/l
Administration/Form	Vapors		
Method	calculated value (Regulation (EC) No. 1272/2008)		
ATE	>	20	mg/l
Administration/Form	Dust/Mist		
Method	calculated value (Regulation (EC) No. 1272/2008)		

**Acute inhalative toxicity (Components)****Escin**

ATE	4500	ppm(V)
Duration of exposure	4	h

**Escin**

ATE	11	mg/l
Duration of exposure	4	h
Administration/Form	Vapors	

**Escin**

ATE	1.5	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	

**ethanol**

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

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

evaluation non-irritant

**Serious eye damage/irritation**

Remarks Eye contact with the product may lead to irritation.

**Serious eye damage/irritation (Components)****ethanol**

evaluation irritant

**Mutagenicity (Components)****ethanol**

evaluation No mutagenicity in the Ames-test.

**Experience in practice**

The solvent vapours cause an irritating effect to the respiratory organs. Causes disorders of the central nervous system and can cause headache, respiratory difficulties or unconsciousness. Causes a numb feeling. Liver damage is possible.

**Other information**

When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

Product specific toxicological data are not known.

**SECTION 12: Ecological information****12.2. Persistence and degradability****Biodegradability (Components)****ethanol**

evaluation Readily biodegradable

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

Value 0.93 to 1.67 mg/g

**12.3. Bioaccumulative potential****Bioconcentration factor (BCF) (Components)****ethanol**

BCF 0.66

**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

**Evaluation of persistence and bioaccumulation potential (Components)****ethanol**

The Substance doesn't meets PBT/vPvB-criteria

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

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. For this subsection there is no ecotoxicological data available on the product as such.

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## **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**

Dispose of as unused product.

## **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
<b>14.1. UN number</b>	1993	1993	1993
<b>14.2. UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)
<b>14.3. Transport hazard class(es)</b>	3	3	3
Label			
<b>14.4. Packing group</b>	III	III	III
Limited Quantity	5 l		
Transport category	3		

## **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

## **SECTION 16: Other information**

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

H302      Harmful if swallowed.  
H319      Causes serious eye irritation.  
H332      Harmful if inhaled.  
H335      May cause respiratory irritation.  
H411      Toxic to aquatic life with long lasting effects.

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

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Acute Tox. 4

Acute toxicity, Category 4

Aquatic Chronic 2

Hazardous to the aquatic environment, chronic, Category 2

Eye Irrit. 2

Eye irritation, Category 2

STOT SE 3

Specific target organ toxicity - single exposure, Category 3

### 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.