

Trade name: Hippocastani semen extr sicc 20%

Substance number: 123851

Version: 1 / CH

Date revised: 01.04.2021

Replaces Version: - / CH

Print date: 01.04.21

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

### **1.1. Product identifier**

Hippocastani semen extr sicc 20%

Item No. 12385100

### **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)

Acute Tox. 4 H302

Eye Irrit. 2 H319

STOT SE 3 H335

Aquatic Chronic 2 H411

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.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H411

Toxic to aquatic life with long lasting effects.

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**Precautionary statements**

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501.3	Disposal in compliance with local and national regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Escin

**SECTION 3: Composition/information on ingredients****Hazardous ingredients****Escin**

CAS No.	6805-41-0				
EINECS no.	229-880-6				
Registration no.	02-2120003166-71				
Concentration	>= 25	<	30	%	
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			

**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).

**After inhalation**

Remove to fresh air, keep patient warm and at rest. In the event of symptoms take medical treatment.

**After skin contact**

Wash off immediately with soap and water and rinse well. 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**

If swallowed, rinse mouth with water (only if the person is conscious). Summon a doctor immediately.

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

Carbon dioxide, Dry powder, Foam, Water mist

**Non suitable extinguishing media**

Full water jet

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

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Forms explosive mixture with air are possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use personal protective clothing. Use self-contained breathing apparatus.

#### Other information

Cool endangered containers with water spray jet. Collect contaminated fire-fighting water separately, must not be discharged into the drains.

## **SECTION 6: Accidental release measures**

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

Refer to protective measures listed in Sections 7 and 8. Avoid contact with eyes and skin. Avoid breathing dust. Avoid dust formation. The product is not capable of dust explosions.

### 6.2. Environmental precautions

Do not empty into drains, caverns and basements. In case the product spills into sewage waters, immediately inform the authorities.

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

Pick up mechanically.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin and eyes. Do not inhale dust. Danger of dust explosion

#### Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

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

#### Hints on storage assembly

Do not store with strong acids. Do not store with oxidizing agents. Do not store with strong alkalies.

#### Storage classes

Storage class according to TRGS 510

13

Non- combustible solids

Storage category (Switzerland)

11/13

Other solid hazardous substances with classification/labelling hazardous

## **SECTION 8: Exposure controls/personal protection**

### 8.2. Exposure controls

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Particle filter P3

#### 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.

Hand protection must comply with EN 374.

#### Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

#### Body protection

Protective clothing

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Form</b>	Powder
<b>Colour</b>	beige-brown
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Vapour pressure</b>	
Remarks	Not applicable
<b>Density</b>	
Value	0.3 to 0.7 g/ml
Remarks	Relative Density according specification

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

None known

### **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**

Keep away from sources of heat and ignition. Avoid dust formation.

### **10.5. Incompatible materials**

Acids, Oxidising agents, Alkalis

### **10.6. Hazardous decomposition products**

None under normal use.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute oral toxicity**

ATE	2'000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

#### **Acute oral toxicity (Components)**

##### **Escin**

ATE	500	mg/kg
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#### **Acute inhalational toxicity**

ATE	44	mg/l
Administration/Form	Vapors	
Method	calculated value (Regulation (EC) No. 1272/2008)	
ATE	6	mg/l
Administration/Form	Dust/Mist	
Method	calculated value (Regulation (EC) No. 1272/2008)	

#### **Acute inhalative toxicity (Components)**

##### **Escin**

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ATE	4500		ppm(V)
Duration of exposure	4	h	
<b>Escin</b>			
ATE	11		mg/l
Duration of exposure	4	h	
Administration/Form	Vapors		
<b>Escin</b>			
ATE	1.5		mg/l
Duration of exposure	4	h	
Administration/Form	Dust/Mist		

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **General information**

No data available

### **12.2. Persistence and degradability**

#### **General information**

No data available

### **12.3. Bioaccumulative potential**

#### **General information**

No data available

### **12.4. Mobility in soil**

#### **General information**

No data available

### **12.5. Results of PBT and vPvB assessment**

#### **General information**

No data available

### **12.6. Other adverse effects**

#### **General information**

No data available

## **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**

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	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 2

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**

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.