

Trade name: Hippocastani semen extr sicc / Food

Substance number: 123860

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 / Food

Item No. 12386000

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

Form	Powder
Colour	beige-brown
Flash point	
Value	°C
Remarks	Not applicable
Vapour pressure	
Remarks	Not applicable
Density	
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	
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		

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.