

Trade name: eingestellter Cannabisextrakt 5%

Substance number: 053201

Version: 1 / CH

Date revised: 26.06.2023

Replaces Version: - / CH

Print date: 26.06.23

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

1.1. Product identifier

eingestellter Cannabisextrakt 5%

Item No. 05320100

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

Use of the substance/preparation

Manufacture of pharmaceutical products, 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

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Repr. 2

H361fd

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

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

Precautionary statements

P201 Obtain special instructions before use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 IF exposed or concerned: Get medicinal advice/attention.
P405 Store locked up.
P501.3 Disposal in compliance with local and national regulations.

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

contains (6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol

2.3. Other hazards

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**Hazardous ingredients****(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

CAS No.	1972-08-3			
Concentration	>= 3	<	10	%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 4		H302	
	Repr. 2		H361	

ATE oral 482 mg/kg

2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)

CAS No.	13956-29-1			
EINECS no.	689-176-3			
Concentration	>= 0.1	<	1	%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 4		H302	
	Repr. 2		H361fd	

Further ingredients**Glycerides, mixed decanoyl and octanoyl**

CAS No.	73398-61-5			
EINECS no.	277-452-2			
Concentration	>= 25	<	50	%
Advice: [4]				

6-O-palmitoylascorbic acid

CAS No.	137-66-6			
EINECS no.	205-305-4			
Concentration		<	1	%
Advice: [4]				
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2		H319	

Note

[4] Voluntary information

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

Poisonous symptoms can first be observed after several hours, therefore medical observation for at least 48 hours is necessary.

After inhalation

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Remove to fresh air, keep patient warm and at rest. In the event of symptoms take medical treatment. If the patient is likely to become unconscious, place and transport in stable sideways position. Take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Take medical treatment.

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

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby evolution of dangerous gases possible.

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

Use self-contained breathing apparatus.

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

Use personal protective clothing. Do not inhale vapours. Ensure adequate ventilation.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

When picked up, treat material as prescribed under Section 13 "Disposal". Ensure adequate ventilation.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

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

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with skin and eyes. Avoid formation of aerosols. Keep away from heat and sources of ignition. Smoking, eating and drinking should be prohibited in application area.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value	2	25	°C
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Requirements for storage rooms and vessels

Keep only in original packaging. Store away from sources of ignition and heat. Keep container tightly closed in a well-ventilated place.

Hints on storage assembly

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Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Protect from light. Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work.

Respiratory protection

At intensive and longer exposition use self-contained breathing apparatus. Short term: filter apparatus

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.

Appropriate Material nitrile rubber - NBR

Hand protection must comply with EN 374.

Eye protection

Safety glasses

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

Physical state	liquid
Colour	greenish yellow
Colour	brown

Boiling point or initial boiling point and boiling range

Remarks	No data available
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Flash point

Value	appr. 250	°C
Source	Estimated value	

Vapour pressure

Value	< 0.01	Pa
Source	Estimated value	

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

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

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Strong oxidising agents

10.6. Hazardous decomposition products

Formation of toxic gases possible during heating or in case of fire.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	9'640	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

Species	rat	
LD50	666	mg/kg

(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol

Species	mouse	
LD50	482	mg/kg

(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol

Species	dog	
LD50	> 3000	mg/kg

(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol

Species	monkey	
LD50	> 3150	mg/kg

2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)

Species	Human	
TDLO	5.63	mg/kg

2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)

Species	mouse	
LD50	> 750	mg/kg

2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)

Species	monkey	
LD50	> 300	mg/kg

2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)

Species	Human	
LD50	> 20	mg/kg

6-O-palmitoylascorbic acid

Species	rat	
LD50	> 10000	mg/kg

6-O-palmitoylascorbic acid

Species	mouse	
LD50	25000	mg/kg

Acute dermal toxicity (Components)**(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

Remarks	No data available.
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6-O-palmitoylascorbic acid

Species	guinea pig	
LD50	> 3000	mg/kg

Acute inhalative toxicity (Components)**(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

Remarks	No data available.
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6-O-palmitoylascorbic acid

Remarks No data available.

Skin corrosion/irritation (Components)**(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

Remarks No data available.

6-O-palmitoylascorbic acidSpecies rabbit
evaluation slightly irritant**Serious eye damage/irritation (Components)****(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

Remarks No data available.

6-O-palmitoylascorbic acidSpecies rabbit
evaluation irritant
Method Draize method**Sensitization (Components)****(6aR,10aR)-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydrobenzo[c]chromen-1-ol**

Remarks No data available.

6-O-palmitoylascorbic acidevaluation non-sensitizing
Remarks No sensitisation effect known.**Subacute, subchronic, chronic toxicity (Components)****6-O-palmitoylascorbic acid**

Remarks Not applicable

Mutagenicity (Components)**6-O-palmitoylascorbic acid**

Remarks negative

Reproduction toxicity (Components)**2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)**Route of exposure oral
Species mouse
Dose 50 mg/kg
evaluation Suspected of damaging fertility. Suspected of damaging the unborn child.**6-O-palmitoylascorbic acid**

evaluation No negative effects

Carcinogenicity (Components)**6-O-palmitoylascorbic acid**

Remarks negative

Specific Target Organ Toxicity (STOT) (Components)**6-O-palmitoylascorbic acid**

Remarks Not applicable

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.

SECTION 12: Ecological information

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12.1. Toxicity**Fish toxicity (Components)****6-O-palmitoylascorbic acid**

Species	Salmo gairdneri	
LC50	51	mg/l
Duration of exposure	96	h

Daphnia toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

Algae toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

Bacteria toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

12.2. Persistence and degradability**Physico-chemical eliminability (Components)****6-O-palmitoylascorbic acid**

Remarks No data available.

Biodegradability (Components)**6-O-palmitoylascorbic acid**

Value	48	%
Duration of test evaluation	28	d
Method	not readily degradable OECD 302B/ISO 9888/EEC 88/302,C	

Ready degradability (Components)**6-O-palmitoylascorbic acid**

Method	OECD 302B/ISO 9888/EEC 88/302,C
Remarks	Not readily biodegradable.

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)****2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)**

pOW	126000	to	214000
	0		0

6-O-palmitoylascorbic acid

log Pow	6.0
Method	calculated

12.5. Results of PBT and vPvB assessment**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.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

- Do not dispose of it with household waste.
- Do not allow to enter drains or water courses.
- Dispose of waste according to applicable legislation.

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
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 3
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.
H361	Suspected of damaging fertility or the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Repr. 2	Reproductive toxicity, Category 2

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.