

Trade name: Cannabidiol 50mg/ml ölig DAC

Substance number: 263190

Version: 1 / CH

Date revised: 28.03.2022

Replaces Version: - / CH

Print date: 28.03.22

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

### **1.1. Product identifier**

Cannabidiol 50mg/ml ölig DAC

Item No. 26319000

### **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

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**

H302 Harmful if swallowed.

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

##### **Precautionary statements**

P201 Obtain special instructions before use.

P264.1 Wash hands thoroughly after handling.

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

P308+P313 IF exposed or concerned: Get medicinal advice/attention.

P330 Rinse mouth.

P501.3 Disposal in compliance with local and national regulations.

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

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

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

### **3.1. Substances**

#### **Hazardous ingredients**

##### **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	>= 3	<	10	%
Classification (Regulation (EC) No. 1272/2008)				
	Acute Tox. 4		H302	
	Repr. 2		H361fd	
	Aquatic Chronic 4		H413	

#### **Further ingredients**

##### **Glycerides, mixed decanoyl and octanoyl**

CAS No.	73398-61-5			
EINECS no.	277-452-2			
Concentration		>=	90	%
Advice: [4]				

##### **6-O-palmitoylascorbic acid**

CAS No.	137-66-6			
EINECS no.	205-305-4			
Concentration		<	1	%
Advice: [4]				

#### **Note**

[4] Voluntary information

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

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

#### **After inhalation**

Remove affected person from danger area. Seek medical advice immediately.

#### **After skin contact**

Wash off immediately with soap and water and rinse well.

#### **After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

#### **After ingestion**

If swallowed, seek medical advice immediately and show this container or label.

## **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.

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### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear protective clothing.

## **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 dust formation.

### 6.2. Environmental precautions

Do not empty into drains.

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

Send in suitable containers for recovery or disposal.

### 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 dust formation. Avoid contact with skin, eyes and clothing.

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

#### Storage classes

Storage class according to TRGS 510	12	Non-combustible liquids
Storage category (Switzerland)	10/12	Other liquid hazardous substances

#### Further information on storage conditions

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

Provide adequate ventilation. Hold eye wash fountain available.

#### Respiratory protection

Dust mask

#### Hand protection

Protective gloves

#### Eye protection

Safety glasses

#### Body protection

Protective clothing

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

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

Form	Liquid, oily
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<b>Colour</b>	light
<b>Melting point</b>	
Remarks	Not applicable
<b>Initial boiling point and boiling range</b>	
Remarks	not determined
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Vapour pressure</b>	
Remarks	Not applicable
<b>Density</b>	
Value	appr. 0.95 g/ml
<b>Solubility in water</b>	
Remarks	insoluble
<b>Solubility(ies)</b>	
Remarks	not determined
<b>Partition coefficient: n-octanol/water</b>	
Remarks	not determined

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

### **10.1. Reactivity**

No decomposition if stored and applied as directed.

### **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. Protect from light.

### **10.5. Incompatible materials**

Strong oxidising agents, strong acids

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

In the event of fire the following can be released: Toxic gases/vapours, Carbon monoxide and carbon dioxide

## **SECTION 11: Toxicological information**

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

#### **Acute oral toxicity**

ATE	107.034	mg/kg
	2	

Method calculated value (Regulation (EC) No. 1272/2008)

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

##### **6-O-palmitoylascorbic acid**

Species	rat	
LD50	>	10000 mg/kg

##### **6-O-palmitoylascorbic acid**

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Species	mouse		
LD50	25000		mg/kg
<b>2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)</b>			
Species	Human		
TDLO	5.63		mg/kg
<b>2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)</b>			
Species	mouse		
LD50	> 750		mg/kg
<b>2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)</b>			
Species	monkey		
LD50	> 300		mg/kg
<b>2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol (Cannabidiol)</b>			
Species	Human		
LD50	> 20		mg/kg

**Acute dermal toxicity (Components)****6-O-palmitoylascorbic acid**

Species	guinea pig		
LD50	> 3000		mg/kg

**Acute inhalative toxicity (Components)****6-O-palmitoylascorbic acid**

Remarks No data available.

**Skin corrosion/irritation**

evaluation slightly irritant

**Skin corrosion/irritation (Components)****6-O-palmitoylascorbic acid**

Species	rabbit		
evaluation	slightly irritant		

**Serious eye damage/irritation**

evaluation irritant effect possible

**Serious eye damage/irritation (Components)****6-O-palmitoylascorbic acid**

Species	rabbit		
evaluation	non-irritant		
Method	Draize method		

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

evaluation 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)****6-O-palmitoylascorbic acid**

evaluation No negative effects

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

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Route of exposure	oral
Species	mouse
Dose	50 mg/kg
evaluation	Suspected of damaging fertility. Suspected of damaging the unborn child.

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

Remarks negative

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

Remarks Not applicable

**Experience in practice**

Inhalation can cause damage to the respiratory tract or lungs. After Swallowing: vomiting. nausea

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**

Remarks No data available.

**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****General information**

No data available

**Physico-chemical eliminability (Components)****6-O-palmitoylascorbic acid**

Remarks No data available.

**Biodegradability**

Remarks No data available.

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

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

**Ready degradability (Components)**

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**6-O-palmitoylascorbic acid**

Method

OECD 302B/ISO 9888/EEC 88/302,C

Remarks

Not readily biodegradable.

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

For this subsection there is no ecotoxicological data available on the product as such.

**Partition coefficient: n-octanol/water**

Remarks

not determined

**Octanol/water partition coefficient (log Pow) (Components)****6-O-palmitoylascorbic acid**

log Pow

6.0

Method

calculated

**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

**12.4. Mobility in soil****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.5. Results of PBT and vPvB assessment****General information**

For this subsection there is no ecotoxicological data available on the product as such.

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

For this subsection there is no ecotoxicological data available on the product as such.

**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
<b>14.1. UN number</b>	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**

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**Water Hazard Class (Germany)**

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H413	May cause long lasting harmful effects to aquatic life.

**CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic, 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.