

Trade name: Cannabidiol

Substance number: 062430

Version: 6 / CH

Date revised: 30.03.2022

Replaces Version: 5 / CH

Print date: 30.03.22

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

1.1. Product identifier

Cannabidiol

Item No. 06243000

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)

Trade name: Cannabidiol

Substance number: 062430

Version: 6 / CH

Date revised: 30.03.2022

Replaces Version: 5 / CH

Print date: 30.03.22

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	>= 50		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4		H302
	Repr. 2		H361fd

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

Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Let plenty of water be drunk in small gulps.

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. 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.

Trade name: Cannabidiol

Substance number: 062430

Version: 6 / CH

Date revised: 30.03.2022

Replaces Version: 5 / CH

Print date: 30.03.22

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	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with classification/labelling hazardous

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	solid			
Colour	white to slightly yellow			
Odour	odourless			
Melting point				
Value	62	to	65	°C
Initial boiling point and boiling range				
Value	418.9	to	508.9	°C
Pressure	1013	mbar		
Flash point				
Value	183	to	229.6	°C
Solubility in water				
Remarks	Difficult to dissolve			
Solubility(ies)				

Trade name: Cannabidiol

Substance number: 062430

Version: 6 / CH

Date revised: 30.03.2022

Replaces Version: 5 / CH

Print date: 30.03.22

Ethanol			
Value	appr. 36		g/l
Partition coefficient: n-octanol/water			
pOW	126000	to	214000
	0		0

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

Acute oral toxicity (Components)

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

Skin corrosion/irritation

evaluation slightly irritant

Serious eye damage/irritation

evaluation irritant effect possible

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

Trade name: Cannabidiol

Substance number: 062430

Version: 6 / CH

Date revised: 30.03.2022

Replaces Version: 5 / CH

Print date: 30.03.22

Species mouse

Dose 50 mg/kg

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

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.

12.2. Persistence and degradability**General information**

No data available

Biodegradability

Remarks No data available.

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

pOW	126000	to	214000
	0		0

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

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

Trade name: Cannabidiol

Substance number: 062430

Version: 6 / CH

Date revised: 30.03.2022

Replaces Version: 5 / CH

Print date: 30.03.22

	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

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.

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.