

Safety data sheet

According to Regulation (EC) 1907/2006

Trade name: Broad Spectrum CBD Oil, 5% CBD

Version: 20.10.2020

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

1.1 Product identifier

Name	Broad Spectrum CBD Oil, 5% CBD
Index-Nr.	-
CAS-Nr.	-
EG-Nr.	-
REACH-Registrierungsnr.	-
Synonym	-

1.2 Application

Relevant identified uses of the substance or mixture: flavouring oil/ fragrance oil/aroma oil

Uses that are not recommended: oral ingestion, internal use

1.3 Details of the supplier providing the safety data sheet

Swiss Organic Partners AG

Isenriedstrasse 19
8617 Mönchaltorf

Tel: +41 (0)4450 804 78

www.swopa.ch

1.4 In case of emergency

Swiss Toxicological Information Centre Zurich

Phone 145

2. POSSIBLE HAZARDS

2.1 Classification of the substance or mixture

The product is classified as a hazardous substance based on the calculation method in (EC) No 1272/2008 (CLP Regulation) as last amended.

Acute toxicity, category 4, if swallowed; H302

Toxicity to reproduction, category 2; H361

Additional information:

None.

2.2 Identification elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)
Danger potential



GHS07



GHS08

Warning signal: caution

Hazard-determining components for labelling:

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

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Danger warnings:

H302 Harmful if swallowed.

H361 Suspected of damaging fertility or harming the unborn child.

Safety advice:

P102 Keep out of the reach of children.

P202 Read and understand all safety instructions before use.

P261 Avoid inhalation of mist / aerosol.

P301 + P312 If swallowed: if you feel unwell, call a poison information centre or doctor.

P405 Keep locked up.

2.3 Other risks

This substance/mixture does not contain components in concentrations of $\geq 0,1$ % that are classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical characterization

The product is a mixture.

3.2 Mixture

Components	CAS-Nr.	EC-Nr.	Share	Classification in accordance with regulation (EC) Nr. 1272/2008
MCT oil	73398-61-5	277-452-2	95% (w/w)	This component is not classified as hazardous
Cannabidiol	13956-29-1	689-176-3	5% (w/w)	Acute toxicity (oral), hazard category 4; H302 Toxicity to reproduction, hazard category 2; H361
Tetrahydrocannabinol	1972-08-3	625-153-6	<0.05% (w/w)	Acute toxicity (oral), hazard category 4; H302 Toxicity to reproduction, hazard category 2; H361

4. FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation:

Supply fresh air, consult a doctor if symptoms occur.

After skin contact:

Wash off thoroughly with soap and water. Remove contaminated clothing.

After eye contact:

Spread the eyelids and rinse thoroughly under running water. If irritation persists, seek medical attention.

After swallowing:

Rinse mouth and drink plenty of water. Consult a doctor if irritation persists.

4.2 Main acute and delayed symptoms and effects

After swallowing nausea and vomiting.

4.3 Indications for immediate medical help or special treatment

Symptomatic treatment.

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5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂), foam, extinguishing powder, water spray.

Unsuitable extinguishing media:

Water in full jet

5.2 Special hazards arising from the substance or mixture

Carbon dioxide and carbon monoxide can be produced in a fire. Avoid inhalation of smoke and vapours.

5.3 Instructions for fire fighting

In case of fire, larger storage quantities:

- If it is safe to do so, take the products out of the danger zone. Do not inhale vapours and fumes.
- Wear self-contained breathing apparatus and full protection.
- Cool endangered containers with water spray jet.
- Collect contaminated extinguishing water and dispose of according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

In case of release of larger quantities:

Ensure adequate ventilation. Do not inhale aerosols.
Avoid contact with eyes and skin.

Hazardous area: warn nearby residents and exposed persons.

6.2 Environmental protection measures

Do not discharge into drains/surface water/groundwater.

6.3 Methods and material for retention and cleaning up

Collect the spilled material. Dispose the collected material in accordance with regulations (see section 13).

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

For disposal information, see section 13.

7. HANDLING AND STORAGE

7.1 Safety measures for safe handling

The usual precautionary measures for handling chemicals must be observed.

Avoid contact with skin and eyes. Do not eat, drink or smoke when using.

Wash hands before breaks and at the end of work.

Ensure good ventilation. Open and handle containers with care.

7.2 Conditions for safe storage taking into account incompatibilities

Store at 15-25°C, well closed and protected from light. Keep out of reach of third parties.

Stock quantity must be limited.

General protection and hygiene measures:

Keep away from food, drink and animal feed.

Remove contaminated clothing.

Storage class: 6.1

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7.3 Specific end uses

Aroma oil/ scented oil

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Parameters to be monitored

8.1.1 Occupational exposure limit values and/or biological occupational exposure limit values

No MAK limit values defined according to SUVA.

8.2 Exposure controls and monitoring

Technical measures and suitable working methods have priority over personal protective equipment.

8.2.1 Suitable technical control equipment

Ensure adequate ventilation.

8.2.2 Individual protection measures - Personal protective equipment/respiratory protection

Normally no special measures required.

Eye/face protection: wear safety glasses according to EN 166.

Hand protection: when handling chemical products, chemical resistant, impermeable gloves complying with a recognised standard must always be worn if a risk assessment requires this. The selected protective gloves must meet the specifications of EC Directive 2016/425 and the EN 374 standard derived from it.

Material: nitrile rubber. Minimum layer thickness: 0.11 mm

Other protective measures: ordinary working clothes. Body protection means should be selected depending on the activity and possible exposure.

8.2.3 Environmental exposure controls and monitoring

Do not pollute the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	Liquid
Colour:	Yellow/light brown
Odour:	Herb
Odour threshold:	No data available.
pH value:	No data available.
Dynamic viscosity:	No data available.
Melting point:	No data available.
Boiling point:	No data available.
Ignition temperature:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Explosive properties:	No data available.
Explosion limits:	Lower: no data available. Upper: no data available.

8.2.3 Environmental exposure controls and monitoring

Oxidizing properties:	No data available.
Vapor pressure:	(20°C) No data available.
Relative vapour density:	No data available.
Density:	No data available.
Solubility in water:	(20°C) Insoluble
Org. solvents:	Soluble
Autoignition:	No data available.

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Decomposition temperature: No data available.
 Dyn. viscosity: No data available.
 Kinematic viscosity: No data available.
 log Kow: No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No decomposition if stored and used as intended.

10.2 Chemical stability

The product is stable if used according to the manufacturer's instructions (see chapter 7).

10.3 Possibility of dangerous reactions

Not known.

10.4 Conditions to avoid

Heat, light.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if used as intended.

In case of fire, CO and CO₂ are formed (see section 5).

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity:

The product is classified as harmful if swallowed.

For the ingredients (according to Gestis online DB, TOXNET online DB):

Name of substance	CAS-Nr.	LD ₅₀ oral (Testorganismus)	LD ₅₀ dermal (Testorganismus)	LC ₅₀ inhalation (Testorganismus)	LD ₅₀ intravenous (Testorganismus)
Cannabidiol	13956-29-1	No data available	No data available	No data available	212 mg/kg (Primates)
Tetrahydrocannabinol	1972-08-3	482 mg/kg (Mus musculus)	No data available	No data available	42 mg/kg (Mus musculus)

Corrosive/irritating effect on the skin (product)

The product is not classified.

Severe eye damage/irritation

The product is not classified.

Respiratory tract/skin sensitization

The product is not classified.

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The product is not classified.

Germ cell mutagenicity (product)

The product is not classified.

Carcinogenicity (product)

The product is not classified.

Toxicity to reproduction (product)

Probably toxic to reproduction.

Specific target organ toxicity on repeated exposure

The product is not classified.

Specific target organ toxicity at single exposure

The product is not classified.

Aspiration hazard

The product is not classified.

Other toxicological properties remarks:

No adverse health effects are known or expected when used as directed. After swallowing nausea and vomiting are possible.

12. ENVIRONMENTAL INFORMATION

12.1 Ecotoxicity

Product: there is no information available for the product.

Cannabidiol: there is no information available for the substance.

12.2 Persistence and degradability

There is no information available for the product.

12.3 Bioaccumulation potential

There is no information available for the product.

12.4 Mobility in soil

There is no information available for the product.

12.5 Results of the PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

Does not contain any components in concentrations of $\geq 0,1$ % that are classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Other adverse effects

No additional information available.

13. DISPOSAL INSTRUCTIONS

13.1 Waste treatment procedures

Unused product:

Disposal according to official regulations.

Ordinance on the circulation of waste SR 814.610:

20 01 26	Oils and fats other than those mentioned in 20 01 25
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Material contaminated with product:

Disposal according to official regulations - depending on the packaging material.

Waste code:

Ordinance on the circulation of waste SR 814.610:

15 01 02	Plastic packaging
15 01 07	Glass packaging

Empty, uncleaned packaging:

Disposal according to official regulations.

Waste disposal code:

Ordinance on the Handling of Waste SR 814.610:

15 02 02	Absorbent and filtering materials (including oil filters - not mentioned elsewhere), cleaning cloths and protective clothing contaminated by dangerous substances
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14. TRANSPORT INFORMATION

The product is not classified as dangerous goods according to transport regulations.

14.1 UN number

None

14.2 Proper Shipping Name

None

14.3. transport hazard classes

None

14.4 Packaging group

None

14.5 Environmental hazards

ADR / RID / IMDG code: No

IATA-DGR: No

14.6 Special precautions for the user

None

14.7 Carriage in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category (X, Y or Z): not assessed

Type of ship (1, 2 or 3): not rated

15. LEGAL PROVISIONS

15.1 Regulations on safety, health and environmental protection / specific legal provisions for the substance or the mixture

Water hazard class (AwSV)

WGK 1 weakly hazardous to water (self-classification).

Chemicals Ordinance (ChemO) SR 813.11

No group according to Art. 61 ChemO.

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Major Accidents Ordinance (StFV) SR 814.012

Quantity threshold according to StFV: 200'000 kg.

Restrictions according to the Ordinance on Risk Reduction related to Chemical Products (ChemRRV) 814.81

No restrictions.

VOC Ordinance (VOCV) SR 814.018

VOC content: 0%.

Narcotics Directory Ordinance (812.121.11)

The product is not considered a controlled substance

Maternity Protection Ordinance (SR 822.111.52)

Pregnant women and nursing mothers must not come into contact with this product (this substance / this preparation) during their work. If a risk assessment shows that there is no specific health risk to mother and child or that such risk can be excluded by appropriate protective measures, they may work with this product (substance / preparation) (Article 63 ArGV 1; SR 822.111).

Foodstuffs Act (SR 817.0)

The packaging complies with Swiss food legislation.

EU catalogue of varieties

The product complies with the regulation of the approved catalogue of varieties of the European Union (EU).

Varieties: Fedora 17 and Eletta Campana.

Ordinance of the FDHA on maximum residue levels of pesticides in or on products of plant or animal origin (VPRH) (SR 817.021.23)

The product is free from pesticides that may result from production, processing and trade. In case of environmental pollution, the tolerance values of VPRH are not exceeded. Ordinance of the FDHA on hygiene in handling foodstuffs (HyV) (SR 817.024.1)

The tolerance values of the Hygiene Ordinance HyV regarding microbiological pathogens are complied with and the limit values are not exceeded under any circumstances.

Ordinance of the FDHA on genetically modified foodstuffs (VGVL) (SR 817.022.51)

Neither in production (seeds) nor in processing are genetically modified products according to VGVL used.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this product.

16. OTHER INFORMATION

Abbreviations and acronyms:

AwSV: Ordinance on installations for handling substances hazardous to water

FOEN: Federal Office for the Environment

CAS: Chemical Abstracts Service

ChemRRV: Chemicals Risk Reduction Ordinance SR 814.81

ChemO: Ordinance on Protection against Dangerous Substances and Preparations SR 813.11

CLP: Classification, Labelling and Packaging of Chemicals

EC: European Community

EC: Effect concentration

EDI: Federal Department of Home Affairs

EN: European Standard

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GSchV:

Water Protection Ordinance SR 814.201

GWP: Global warming potential

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HyV: Ordinance of the FDHA on hygiene when handling foodstuffs SR 817.024.1
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
KZGW: Short-term limit value
LC: Lethal concentration
LD: Lethal dose
LK: Storage class
MAK: Maximum workplace concentration
NOEC: No Observed Effect Concentration
PBT: persistent, bioaccumulative, toxic
PNEC: Predicted no effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
SADT: Self accelerating decomposition temperature
StFV: Ordinance on Protection against Major Accidents SR 814.012
SUVA: Swiss National Accident Insurance Fund
vPvB: Very persistent, very bioaccumulative
VOC: volatile organic compounds
VOCV: Ordinance on the Incentive Tax on Volatile Organic Compounds SR 814.018:
VGVL: Ordinance of the FDHA on genetically modified foodstuffs SR 817.022.51
VPRH: Ordinance of the FDHA on maximum levels of pesticide residues in or on products of plant or animal origin SR 817.021.23
WGK: water hazard class

References and data sources

- GESTIS substance database
- Toxnet online DB
- Echa.europa.eu - Information on chemicals

Methods referred to in Article 9 of Regulation (EC) No 1272/2008 used to evaluate the information for the purpose of classification:

Additivity principles according to Annex I

Wording of the hazard and safety information according to Regulation (EC) No 1272/2008 referred to in sections 2 to 15

Hazard warnings

H302 Harmful if swallowed.

H361 Possible risk of impaired fertility or harm to the unborn child

Safety Instructions

P102 Keep out of the reach of children.

P202 Read and understand all safety instructions before use.

P261 Avoid inhalation of mist / aerosol.

P301 + P312 If swallowed: If you feel unwell, call a poison information centre or doctor.

P405 Keep locked up.

The information given in this safety data sheet is based on our present knowledge and complies with national and EU legislation. However, the working conditions of the user are beyond our knowledge and control. The user is responsible for compliance with all necessary legal requirements. The information in this safety data sheet describes the safety requirements of our product and does not constitute a guarantee of product properties.