

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date: _____

2021-04-29

Product code: D20101-12

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****CANNABIDIOL**

CAS:13956-29-1

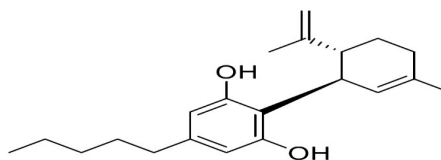
Fórmula: C₂₁H₃₀O₂

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

Peso molecular: 314,46 g/ mol

Further trade names

Swiss Cristal Lab

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

-

Uses advised against

Every inappropriate use is not recommended

1.3. Details of the supplier of the safety data sheet

Company name:	Swiss Cristal Lab SA
Street:	Badische Bahnhofstrasse 16
Place:	CH-8212 Neuhausen am Rheinfall
Telephone:	+41 78 206 81 81
e-mail:	m.martinez@swiss-cristal-lab.ch
Contact person:	Miguel Martinez
Responsible Department:	Quality Management

Emergency telephone 145 or +41 44 251 51 51**Emergency Telephone in Europe 112****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 127/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008

2.2. Label elements**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

SATIVA LEAF EXTRAKT 90% CBD <0.2 THC

Diluted with Organic sunflower oil

INCI Caprylic/Capric Triglyceride, Cannabidiol.

Print date: 2021-04-29

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil		
Revision date:		
2021-04-29	Product code: D20101-12	Page 2 of 8

Cas No	Chemical name	Quantity
	EC No	Index No
		REACH No
13956-29-1	Cannabidiol CBD	5%
1972-08-03	Delta-9-Tetrahydrocannabinol	<0.19%
8001-21-6	HELIANTHUS ANNUUS SEED OIL	> 94%
	232-273-9	
123-35-3	Myrcene	<0.1 %
	204-622-5	
	Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Asp. Tox. 1; H226 H315 H319 H304	
87-44-5	Beta-carophyllene	<0.1 %
	201-746-1	
	Skin Sens. 1, Asp. Tox. 1; H317 H304	
80-5+-8	alpha-Pinen	<0.1 %
	201-291-9	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, aquatic Chronic 1; H226 H315 H317 H304 H400 H410	
1139-30-6	(-)-Caryophyllene Oxide	<0.1 %
	214-519-7	
	Aquatic Chronic 2;H411	
6753-98-6	alpha-Humulene	<0.1 %
	229-816-7	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	
127-91-3	Beta-Pinene	<0.1 %
	204-872-5	
	Flam. Liq. 3, Skin Irrit. 2, Skin sens. 1, asp. Tox. 1, Aquatic Acute 1, aquatic Chronic 1; H226 H315 H317 H304 H400 H410	
13877-91-3	Ocimene	<0.1 %
	237-641-2	
	Flam. Liq. 3, Skin Irrit. 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 2; H226 H315 H304 H400 H411	
586-62-9	Terpinolen	<0.1 %
	209-578-0	
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H304 H411	
5989-27-5	D-Limonen	<0.1 %
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, aquatic Chronic 2; H226 H315 H317 H304 H411	
470-82-6	Eucalyptol	<0.1 %
	207-431-5	
	Flam. Liq. 3, Skin Sens. 1B; H226 H317	
498-15-7	(1S)-(+)-3-Carene	<0.1 %
	207-856-6	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410	
99-87-6	p-Cymene	<0.1 %
	Flam. Liq. 3, Acute Tx. 4, Skin Irrit. 2; H226 H302 H315	

Print date: 2021-04-29

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil		
Revision date:		
2021-04-29	Product code: D20101-12	Page 3 of 8

7212-44-4	Nerolisol		<0.1 %
	230-597-5		
	Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H319 H317 H400 H410		
23089-26-1	(-)-alpha-Bisabolol		<0.1 %
	245-423-3		
	Skin Sens. 1, Aquatic Chronic; H317 H411		
.4630-07-3	Valence		<0.1 %
	225-047-6		
	Asp. Tox. 1; H304		
78-70-6	linalool; 3,7-dimethyl- 1,6-octadien-3-ol; dl-linalool		<0.1 %
	201-134-4	603-235-00-2	
	Skin Sens. 1B; H317		
79-92-5	Camphene		<0.1 %
	201-234-8		
	Flam. Sol. 2, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410		
99-86-5	alpha-Terpinene		<0.1 %
	202-795-1		
	Flam. Liq. 3, acute Tox. 4, Asp. Tox. 1, Aquatic Chronic 2; H226 H302 H304 H411		
99-85-4	gamma-Terpinene		<0.1 %
	202-794-6		
	Flam. Liq. 3, Repr. 2, Aquatic Chronic 2; H226 H361 H411		
489-86-1	(-)-Gualol		<0.1 %
	207-702-8		

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. description of first aid measures

General information

No special measures are required.

In case of unconsciousness move victim to stable side position.

After inhalation

Provide fresh air. If complaints are persistent consult a doctor. In case of breathing arrest or irregularity, provide breath/oxygen donation and immediately consult a doctor. In case of unconsciousness move victim to stable side position.

After contact with skin

Immediately take off contaminated clothes. Wash contaminated areas with plenty of water and soap. Consult a doctor, if irritation persists.

After contact with eyes

Rinse the eye with open palpebral fissure for at least 15 minutes with running water.

After ingestion

If complaints persist consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

No further, relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

No further, relevant information available.

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date: _____

2021-04-29

Product code: D20101-12

Page 4 of 8

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

Co₂, extinguishing powder or water spray jet. fight major fire with water spray jet or alcohol resistant foam.

Unsuitable extinguishing media

water spray jet.

5.2. Special hazards arising from the substance or mixture

Formation of explosion-risk steam/air mixture possible. Carbon monoxide may form when incomplete combustion occurs. Steam is heavier than air and propagates on the floor. Ignition from distance is possible.

5.3. Advice for firefighters

Full protection suit with self-contained breathing apparatus.

Further information - point 8

Additional information

Cool down endangered container in surrounding area with water spray jet.

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

Wear protective gear and keep away unprotected persons.

Extinguish bare flames. Keep away from ignition source. Do not smoke. Avoid sparks. Avoid contact with skin, eyes and clothes. Do not breathe steam. Thoroughly ventilate affected rooms.

6.2. Environmental precautions

Prevent release to sewerage, pits, basements and waters.

Dilute with plenty of water.

If greater quantities are released, contact responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, silica gel, sawdust, universal binding agent). Provide sufficient fresh air. Do not flush away with water or water-like cleaning agents.

Dispose contaminated material as waste according to section 13.

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

Avoid skin and eye contact.

Strict separation of working and resting areas. Working areas have to be cleanable at all times.

Comply with labeling requirements at all time.

Advice on protection against fire and explosion

Keep away heated or sprayed product from ignition- and heat sources, where necessary take precautionary measures against static discharges. Do not smoke. Prevent enrichment of steam/aerosole in the air.

Further information on handling

Use splash-proof, grounded equipment during filling-, transfer- dosing- and sampling, if necessary instruments with local exhaust ventilation.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

The substance is hygroscopic (water-attracting). Store container tightly closed in a well ventilated area.

Adjust the properties of the tank/container in accordance with the responsible authorities. Test sealing material for persistence.

Safety Data Sheet

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date: 2021-04-29	Product code: D20101-12	Page 5 of 8
------------------------------	-------------------------	-------------

Ideal storage condition: 10 to 20°C

Advice on storage compatibility

Store in accordance to the regulation of flammable liquids(VbF).

Further information on storage conditions

Store in cool and dry area, in a tightly sealed container. Keep the product away from direct sun and other heat and ignition sources.

7.3. Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Suitable technical handling and control devices must be designed in a way, that an exposure of the employee (respiratory tract, eyes, skin) to the product is largely avoided and endangering through steam/aerosol, electrostatic charge and other ignition sources is impossible. (Article 4-6 of the directive 98/24/EG, article 3-5 of the directive 2004/37/EG). Technical precautions have priority over individual precautions.

Protective and hygiene measures

Immediately take off contaminated, impregnated clothes. Wash hands before breaks and at the end of work. Avoid contact with skin and eyes.

Eye/face protection

Wear safety goggles with side-protection or full-face protection (safety glass or polycarbonate).

Hand protection

Preventive protection by skin cream, protective gloves, if necessary with/without cuffs (material: nitrile-, chloroprene- or fluororubber, 0,35mm, permeation time 8h). Check for leaks prior to use.

Skin protection

The common protective clothing must be adjusted to the workplace and possible hazards. Immediately take off contaminated, impregnated clothes.

Respiratory protection

Only required if steam/aerosol or product fog emerges. For standard conditions use an respiratory filter for organic gases. If the product quantity in the air increases (in case of fire) use self-contained breathing apparatus.

Environmental exposure controls

Do not release the product into the environment. Environmental exposure must be prevented by technical and organizational measures.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	-	
Odour:	characteristic	
pH-Value:		not specified

Changes in the physical state

Melting point:	not specified
Initial boiling point and boiling range:	not specified
Sublimation point:	not specified

Print date:	2021-04-29
-------------	------------

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date:

2021-04-29

Product code: D20101-12

Page 6 of 8

Softening point:	not specified
Flash point:	not specified
Ignition temperature:	not specified
Vapour pressure:	not specified
Density:	not specified

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

The product is chemically and physically stable under normal environmental conditions (storage temperature).

10.2. Chemical stability

Like other flammable, organic substances and mixtures, it is possible that this product, with the appropriate fine distribution (stem/aerosol, product fog, gas) and great heat (open flames, strong UV-/sunlight) may ignite.

10.3. Possibility of hazardous reactions

No hazardous reactions occur under normal environmental conditions (storage temperature). Although great heat or extreme conditions (strong oxidants/alkaline solution) may lead to ignition.

10.4. Conditions to avoid

Open flames, great heat, electrostatic charges (sparks) and storage with alkali metal, strong acids or alkaline solutions.

10.5. Incompatible materials

Alkali metals as sodium, potassium; oxidants as sulfuric acid, nitric acid, peroxides; Strong alkaline solutions as caustic soda, potassium hydroxide solution.

10.6. Hazardous decomposition products

Normal situation - none

In case of fire: insufficient air supply - carbon monoxide, soot, partially combusted hydrocarbons
sufficient air supply - carbon dioxide and water

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Actual toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
99-87-6	p-Cymene				
	oral	ATE mg/Kg	500		
99-86-5	alpha-Terpinene				
	oral	ATE mg/Kg	500		

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Print date: 2021-04-29

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date:

2021-04-29

Product code: D20101-12

Page 7 of 8

11.2. Hazard pictograms**GHS08****Signal word:****Warning****Hazardous component (Product identifier):**

Cannabidiol (THE SUBSTANCE), CAS-No: 13956-29-1.

Hazard statements:**H361:** Suspected of damaging fertility or the unborn child.**Precautionary statements:****P201:** Obtain special instructions before use.**P202:** Do not handle until all safety precautions have been read and understood.**P280:** Wear protective gloves and FFP2 particle-filtering face mask.**P308+P313:** IF exposed or concerned: get medical advice.**P405:** Store locked up.**P501:** Dispose of contents / containers to an authorised chemical waste disposal contractor only.**SECTION 12: Ecological information****12.4. Mobility in soil**

No further, relevant information available.

12.5. Results of OBT and vPvB assessment

No further, relevant information available.

12.6. Other adverse effects

No further, relevant information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Disposal in accordance to the latest version of the EG-directive 75/442/EWG and 91/689/EWG regarding waste and hazardous waste and with integration of the local authorities and the respective regulations.

Contaminated packaging

Treat uncleaned packages in the same way as the product. Even empty and voided container remain contaminated and must be treated like the product.

SECTION 14: Transport information**Land transport (ADR/RID)****14.2. UN proper shipping name:** Not relevant.**Inland waterways transport (ADN)****14.2. UN proper shipping name:** Not relevant.**Marine transport (IMDG)****14.2. UN proper shipping name:** Not relevant.**Air transport (ICAO-TI/IATA-DGR)****14.2. UN proper shipping name:** Not relevant.

Print date: 2021-04-29

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date:

2021-04-29

Product code: D20101-12

Page 8 of 8

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

SECTION 16: Other information

Abbreviations and arconyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation LEV. Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR=PEC/PNEC)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: european Inventory of Existing Commercial Chemical Substances

ELINCS: european List of Notified Chemical Substances

CAS: chemical Abstracts Service (division of the America Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 Percent

LD50: Lethal dose, 50 percent

vPvB: Very Persistent and very Bioaccumulative

Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.

H228 Flammable Solid.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

according to regulation (EC) No 1907/2006

Cannabidiol with sunflower oil

Revision date: _____

2021-04-29

Product code: D20101-12

Page 8 of 8

ANHANG 1

Kosmetik - Cosing

Ingredient: CANNABIS SATIVA LEAF EXTRACT

INCI Name	CANNABIS SATIVA LEAF EXTRACT
Description	Cannabis Sativa Leaf Extract is the extract of the leaves of Cannabis sativa, Cannabaceae.
INN Name	
Ph. Eur. Name	
CAS #	
EC #	
Chemical/IUPAC Name	
Cosmetic Restriction	
Other Restriction(s)	
Functions	EMOLLIENT SKIN CONDITIONING
SCCS opinions	
Identified INGREDIENTS or substances e.g.	

Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precaution. It does not represent any guarantee of the properties of the product. Swiss Cristal Lab SA and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

(The data the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

Print date: 2021-04-29