

Material Safety Data Sheet (MSDS)

Version 1.0 | 15.12.2018

Cannabidiol

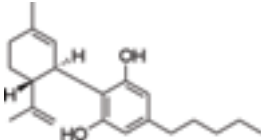
Section 1: Substance and Company

1.1 Product Information Trade Name: Registration number: CAS: Synonyms: barley, oats, spelt, kamut or their hybridized strains) and products thereof	Cannabidiol Synthetic cannabidiol 13956-29-1 2-[1R-3-methyl-6R-(1methylethenyl)-2-cyclohexan-1-yl]-5-pentyl-1,3-benzendiol, CBD.
1.2 Use of the substance:	Research and Industrial applications
1.3 Manufacturer information Company Name:	Cibdol AG Oristalstrasse 68 4410 Liestal Switzerland
Website address: Contact:	+41 76 339 20 27

Section 2: Hazards Identification

2.1 Classification of the substance or mixture	Not a hazardous substance of mixture
2.2 GHS Label elements, including precautionary statements	Not a hazardous substance of mixture

Section 3: Composition/Information on Ingredients

3.1 Substances	Formula: C ₂₁ H ₃₀ O ₂ Molecular Weight: 314.46 g/mol Structure: 
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Section 1: Substance and Company

4.1 Description of first aid measures	<p>Inhalation If breathed in, move person to fresh air. If necessary, give artificial respiration</p> <p>Skin contact Wash off with soap and plenty of water.</p> <p>Eye contact Flush eyes with water or eye wash solution for 15 minutes. Get medical attention if irritation persists.</p> <p>Ingestion No known hazards</p>
4.2 Indication of any immediate medical attention and special treatment needed	<p>No data available</p>

Section 5: Firefighting Measures

5.1 Extinguishing media	<p>Use water spray, alcohol resistant foam, dry chemical or carbon dioxide</p>
5.2 Special hazards arising from the substance or mixture	<p>Carbon oxides</p>
5.3 Advice for firefighter	<p>Wear self-contained breathing apparatus for firefighting if necessary</p>
5.4 Further Information	<p>No data available</p>

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures	<p>Avoid dust formation. Avoid breathing vapors, mist or gas</p>
6.2 Environmental precautions	<p>Do not let product enter drains.</p>
6.3 Method and material for containment and cleaning up	<p>Sweep up and shovel or use wet cleaning paper. Keep in suitable, closed containers for disposal. Avoid dust formation.</p>

Section 7: Handling and Storage

7.1 Precautions for safe handling	<p>Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.</p>
7.2 Conditions for safe storage, including any incompatibilities	<p>Keep container tightly closed in a dry and well-ventilated place. Protect from light exposure. Recommended storage temperature: 2- 25°C</p>

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Section 8: Exposure Control / Personal Protection

8.1 Control parameters	Contains no substance with occupational exposure limit values.
8.2 Exposure control	<p>Appropriate engineering controls General industrial hygiene practice.</p> <p>Eye/face protection Use appropriate eye protection such as safety goggles when handling the product.</p> <p>Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique, to avoid touching the outer surface of the gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices (GLP). Wash and dry hands</p> <p>Body protection No special protective body clothing is necessary. Wear clean and safe clothing.</p> <p>Respiratory protection Respiratory protection is recommended to avoid breathing in dust from the product.</p> <p>Control of environmental exposure Do not let product enter drains</p>

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties	<p>a) Appearance</p> <p>b) Odour</p> <p>c) Taste</p> <p>d) Odour Threshold</p> <p>e) pH</p> <p>f) Melting point/freezing point</p> <p>g) Initial boiling point and boiling range</p> <p>h) Flash point</p> <p>i) Evaporation rate</p> <p>j) Flammability</p> <p>k) Upper/lower flammability or explosive limits</p> <p>l) Vapour Pressure</p> <p>m) Vapour density Relative density</p> <p>n) Water solubility</p> <p>o) Partition coefficient: n-octanol/water (LogP)</p> <p>p) Auto-ignition temperature</p> <p>q) Decomposition temperature</p> <p>r) Viscosity</p> <p>s) Explosive properties</p>	<p>White solid powder</p> <p>Odourless</p> <p>Tasteless</p> <p>no data available</p> <p>no data available</p> <p>Melting point 67°C - 69°C</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p> <p>no data available</p>
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Section 10: Stability and Reactivity Data

10.1 Reactivity	no data available
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	no data available
10.4 Conditions to avoid	Light exposure
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	no data available

Section 11: Toxicological Information

11.1 Information on toxicological effects	<p>Acute toxicity Inhalation: no data available Dermal: no data available LD50 intravenous mouse: 50mg/kg</p> <p>Skin corrosion/irritation no data available</p> <p>Serious eye damage/eye irritation no data available</p> <p>Respiratory or skin sensitisation no data available</p> <p>Germ cell mutagenicity no data available</p> <p>Carcinogenicity no data available</p> <p>Reproductive toxicity no data available</p> <p>Specific organ toxicity no data available</p> <p>Aspiration hazard no data available</p>
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Section 12: Ecological Information

12.1 Toxicity	no data available
12.2 Persistence and degradability	no data available
12.3 Other adverse effects	no data available

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Section 13: Disposal Considerations

13.1 Waste treatment methods	<p>Product Dispose of surplus product and non-recyclable solutions adequately sealed to a licensed disposal company.</p> <p>Contaminated packaging Dispose sealed package to a licensed disposal company.</p>
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Section 14: Transport Information

14.1 Considerations	<p>Not dangerous goods. No special considerations necessary. Refer to section 7.2 for storing conditions.</p>
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Section 15: Regulatory Information

15.1 EU law	Approved as Ingredient for cosmetic appliance
15.2 Other	No product specific applicable regulations

Section 16 Other Information

16.1 Further Information	<p>WHO Cannabidiol Pre-Review Report Agenda Item 5.2: In general, CBD has been found to have relatively low toxicity, although not all potential effects have been explored.</p>
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The listed information corresponds to the best of our knowledge at the time of printing. The information should give you indication to safely transport, store, handle and dispose the product. Information is not applicable for other products. If the product is being processed, the statements in this MSDS may no longer be applicable to new mixtures.

Cibdol AG and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.