


Issuing date: January, 2019

Revision date: January, 2021

Version: 1.1

1. Product and Company Information	
Commercial Name	Cannabidiol
Product Synonyms	2-[(1R,6R)-3-Methyl-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3-benzenediol
Typical Package Volume	1 g container or others to be agreed
Product Use	Cosmetic use. Research and development. Others permitted by the local legislations.
Company Name	Enecta BV
Company Address	Corantijnstraat 5-1 - Amsterdam 1058DA - Netherlands (NL)
Emergency Telephone Number	Tel. +39 340 193 1007
Email Address	info@enecta.com

2. Hazards Identification	
Recommendations	Not classified as a hazardous material under normal conditions of use, but avoid excessive exposure. Potential target organ(s): immune system, reproductive system (preclinical studies).
Route(s) of Entry	Inhalation? Yes Skin? Yes Eye? Yes Ingestion? Yes
Health Hazards (Acute and Chronic)	Material may be irritating to the mucous membranes and eyes. The toxicological properties of this product have not been fully evaluated. Hazard pictogram: 
Signs and Symptoms Of Exposure	No data available.

3. Composition/Information on Ingredients				
Component Name	INCI Name	CAS	Conc. Range	EINECS
Cannabidiol	CANNABIDIOL	13956-29-1	97 - 99.8 %	200-659-6

4. First Aid Measures	
First Aid Procedures	
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove

	any contact lenses and continue flushing for at least 15 minutes.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation arises and persists.
Ingestion	Not considered dangerous. Yet, clean mouth with water and drink plenty of water.
Inhalation	The product is not volatile.
Most important symptoms and effects, both acute and delayed	No episodes of damage to health ascribable to the product have been reported.
Indication of any immediate medical attention and special treatment needed	Immediate medical attention is required only in case of ingestion of a large amount of the product.

5. Fire Fighting Measures	
Flash Point	> 100°C
Explosive Limits	LEL: No data. UEL: No data.
Unusual Fire and Explosion Hazards	Combustible but no particular hazard.
Hazardous Combustion Products	Thermal decomposition can lead to release of toxic and corrosive gases/vapours as the products of combustion include oxides of carbon, and burning fumes are acrid.
Suitable Extinguishing Media	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. NB As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
Unsuitable Extinguishing Media	Direct water jet.

6. Accidental Release Measures	
Steps To Be Taken In Case Material Is Released Or Spilled	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Transfer to a proper chemical waste container for disposal.

7. Handling and Storage	
Handling	Normal hygiene practices should be employed.
Conditions for safe storage, including any incompatibilities	Store in tightly sealed containers in a cool dry room avoiding exposure to light. Keep away from possible sources of combustion. Optimum storage temps. < 25 °C.
Special Warnings	Keep out of the reach of children. Keep in properly labelled containers.

8. Exposure Controls/Personal Protection	
Precautions	Goggles and gloves should be worn if there is a risk of splashing of large quantity of material.

9. Physical and Chemical properties	
Appearance	Semi-crystalline powder
Odour	Negligible
Colour	Whitish to beige
Vapour density	N/A
Melting Point	66 - 68 °C
Specific rotation (C=0.45, EtOH)	-133 ± 5 °
Solubility	Insoluble in water; Soluble to 75 mM in ethanol and to 75 mM in DMSO

10. Stability and reactivity	
Precautions	Goggles and gloves should be worn if there is a risk of splashing.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Heat, flames and moisture.
Materials to Avoid	Strong oxidizing agents.
Hazardous decomposition products	Hazardous decomposition products may form under fire conditions - Carbon oxides.
Hazardous Polymerization	No information available.
Other Decomposition Products	No information available.

11. Toxicological Effect		
CBD		
	Acute Toxicity	Oral LD ₅₀ : >4400 mg/kg (rat) Dermal LD ₅₀ : >5000 mg/kg (rabbit) Inhalation LC ₅₀ : 1300 mg/1/4h (rat)
	Chronic Toxicity	Mutagenicity: inconclusive data upon testing (H341) Carcinogenicity: NTP? No. IARC Monographs? No OSHA Regulated? No Other health effects: may cause immunosuppression by decreased cytokine expression.
Comments	The toxicological effects of this product have not been thoroughly studied. Yet, it is not deemed toxic at typical consumer dosage.	

12. Ecological Information	
Ecotoxicity effects	As supplied, the preparation is not expected to present significant adverse environmental effects.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.

Results of PBT and vPvB assessment	Based on actual information, the ingredient is not PBT/vPvB.
Other adverse effects	Not observed.

13. Disposal Considerations	
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information	
Land Transport (European ADR/RID)	Not listed as dangerous goods.
Land Transport (US DOT)	Not listed as dangerous goods.
Air Transport (IATA)	Not listed as dangerous goods.
Additional Transport Information	Transport in accordance with local, state, and federal regulations.

15. Regulatory Information	
European Community Hazard Symbol codes	No data available.
European Community Risk and Safety Phrases	S25 - Avoid contact with eyes. S39 - Wear eye/face protection.
US EPA SARA	Title III
Safety, health and environmental regulations/legislation specific for the substance or mixture	Commission Regulation nr. 1272/2008 with all amendments. Commission Regulation nr. 1907/2006 (REACH) with all amendments. Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006: None. Substances in Candidate List (Art. 59 REACH): None. Substances subject to authorisation (Annex XIV REACH): None.

16. Other Information	
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