



This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the. This information must be made available to those who may come into contact with the material or are responsible for the use of the material.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and according to Commission Regulation (EU) No 453/2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

5% Hemp CO2 extract in MCT carrier oil

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For pharmaceutical use, cosmetic ingredient, food grade

1.3 Details of the supplier of the safety data sheet

Company name: Street/POB-No.: Postal Code, city:

E-mail: Telephone: Telefax:

O CONSELHO BRASILEIRO PARA O DESENVOLVIMENTO DO CULTIVO E INDUSTRIALIZACAO DO CANHAMO E SEUS DERIVADOS: Rua Conde de Idanha a Nova 240 r/c drt , 6230-348, Fundão, Portugal Email:info@cbd-brasil.org
Phone: +351 969515398

1.4 Emergency telephone number

Baron of Fulwood, Portugal, Telephone: +351 275105125

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

POTENTIAL HEALTH EFFECTS:

Eye: Contact may cause mild, transient irritation. Some redness and/or stinging may occur.

Skin: Not expected to be irritating, sensitizing, photoallergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and transient.

Inhalation: Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated.

Ingestion: Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.

2.1 Classification of the substance or mixture

This product is considered a Non-Flammable liquid

Reactivity Hazards: None.

Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause adverse environmental effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Type of Product: Natural Sourcing Vegetable Oils

The complete ingredient list for the finished product(s) is as follows:

Ingredients:	WT%	CAS No.	EINECS No	Hazard Classification
Caprylic Capric Triglyceride (MCT Oil)	95%	73398-61-5	277-452-2	Not Classified
Purified CO2 extract of hemp 2-[3-methyl-6-(1-methyl ethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3-Benzenediol (Cannabidiol)	5%	13956-29-1	689-176-3	Acute Toxic 4, H302 Aquatic Chronic 4, H413

4. FIRST AID MEASURES

Eye: Thorough rinsing for 15-20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, contact a physician.

Skin Problem: Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, contact a physician.

Inhalation: If respiratory irritation occurs, remove individual to fresh air.

Ingestion: Nausea, narcotic activity

Indication of any immediate medical attention and special treatments needed

Treat as for cannabis overdose.

5. FIRE-FIGHTING MEASURES

Flash Point: >93°C (199.4° F).

Extinguishing Media: Use chemical foam, carbon dioxide. Treat as for vegetable oils.

Explosion Hazard: No applicable information has been found.

Fire Fighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Forms acrid fumes, carbon monoxide and carbon dioxide in a fire. May give off narcotic fumes.

Avoid inhalation of fumes. If feeling unwell, remove to fresh air and treat as for cannabis effects.

6. ACCIDENTAL RELEASE MEASURES

Procedures for Spill/Leak Clean-up:

For Household Settings: No applicable information.

For Non-Household Settings: Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

For Household Settings: No applicable information has been found.

For Non-Household Settings: No unusual handling or storage requirements. Storage in large quantities (as in warehouses) should be in a well-ventilated, cool area.

Requirements for storerooms and containers:

Keep container tightly closed. Keep container dry. Protect from light.
Storage temperatures not to exceed 30 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Normal room ventilation is usually adequate (> 3 air exchanges per hour).

Respiratory protection: Not normally required when handling in small quantities. If working in areas where spray can be formed or if handling at > 40°C, respiratory protective equipment is required suitable for the working conditions.

Hand Protection: In case of contact, wear suitable gloves, butyl caoutchouc (butyl rubber) (0.7 mm) or nitrile rubber (0.11 mm) Breakthrough time: >480 min. Change gloves in

accordance with manufacturer's recommendations. If gloves are damaged during use, remove immediately and wash hands before replacing with new gloves.

Eye protection: Not normally required when handling in small quantities < 100 ml, but considered good practice. When handling > 100 ml quantities, eye protection is recommended.

Skin protection: Laboratory coat or coverall should be worn to avoid skin contact.

General Hygiene Considerations: Wash hands thoroughly after handling. Launder protective clothing on regular basis and after contamination.

Environmental exposure controls

Precautions should be taken to avoid accidental release to water courses

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance (Physical State and Color): Oily liquid, dark yellow to light brown color

Odor: Nutty odor /spicy bitterish taste

Odor Threshold: Not Available

pH: Not Available

Melting/Freezing Point: Not Available

Boiling Point: Not Available

Flash Point: >93°C (199.4° F)

Evaporation Rate: Not Available

Flammability (Solid; Gas): Not Available

Upper/Lower Flammability or Explosion Limits: Not Available

Vapor Pressure (mm Hg @ 25°C (77° F): Not Available

Vapor Density: Not Available

Relative Density: Not Available

Specific Gravity: Not Available

Solubility in Water: Not Available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Not known to be dangerously reactive.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Avoid contact with incompatible materials (see section 10.5)

10.4 Conditions to avoid

Protect from light and heat.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products if instruction for storage and handling are followed.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

This product has not been tested. The active component is subject to medical research and is known to be biologically active at low concentrations.

(a) acute toxicity Active CBD tolerated by humans orally 1500 mg/day Active CBD tolerated in mice 500 mg/kg/day over 14 days, dietary. MCT carrier oil infused with CBD extract is not considered to be sufficiently harmful to require classification for supply.

(b) skin corrosion/irritation May give mild skin irritation, but not classified as irritant.

(c) serious eye damage/irritation May be mildly irritant to the eye, but not classified as irritant

d) respiratory/skin sensitisation Plant extracts may produce an allergic reaction to the skin of some individuals

(e) germ cell mutagenicity The active component is not considered to be mutagenic from

preclinical in-vitro testing.

(f) carcinogenicity The components are not classified as a carcinogen by IARC
There was no evidence that administration of CBD as CBD Botanical
Drug Substance (BDS) influenced tumour formation at up to 50 mg
CBD/kg/day in a 2 year rat dietary carcinogenicity study.

(g) reproductive toxicity No indication of reproductive or teratogenic effects from data derived
for pre-clinical testing of active component.

(h) aspiration hazard Not applicable. Non-hydrocarbon.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Not considered hazardous to aquatic organisms at the limit of solubility in water.

12.2. Persistence and degradability

The product is composed of naturally occurring plant oils and is expected to be ultimately
biodegradable.

12.3 Bioaccumulative potential

Not expected to be bioaccumulative as this class of substance will metabolise.

12.4 Mobility in soil

Predicted to be of low mobility in soil, but will biodegrade

12.5 Results of PBT and vPvB assessment

There are no indications that this product contains substances likely to be classified as
PBT/vPvB.

12.6 Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

13.2 EU Waste Code: Not determined

Recommendation: Dispose of waste according to applicable legislation. Recycling or special waste incineration.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Do not remove label until container is thoroughly cleaned. Non-contaminated packages may be recycled.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID, IMDG, IATA-DGR: not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR: not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR: not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR: not applicable

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

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

no data available

15. REGULATORY INFORMATION

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

European Economic Community Information: This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. OTHER INFORMATION

Further information

Date of first version: 22/02/2019

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.