



***Cannabis sativa* Fraction (Extract THC-free) - 50% CBG equivalent**

| | | | |
|--------------------------------------|--|------------------------------|------------------|
| CAS Number: | 89958-21-4 | | |
| HS Code: | 3202 10 – Aromas for Food or Drink | | |
| Plant/extract ratio: | 1÷15 - 1÷25 depending on quality of the biomass | | |
| Phytocannabinoids: | 50% standardized CBG content, fully decarboxylated | | |
| Other natural constituents: | terpenes cca 0.5% | | |
| Plant parts Genus/Species: | inflorescence, <i>Cannabis sativa</i> L., as per <i>EU Common Catalogue</i> | | |
| Organoleptic aspect: | Amber, viscous liquid, solid at 50°C, liquifies at 50°C, earthy, after pine, like pepper | | |
| Nutritional profile per 100g: | Energy: 1440kJ/348 kCal, Fats 35g, of which Saturates 9g, Carbohydrates 8.2g, of which Sugars 0.8g, Fiber 0g, Protein 1.55g, Salt 0.01g | | |
| GACP/EU Bio certified: | No/No | | |
| HACCP/Certified: | Yes/No | | |
| Chemical tests | | Microbiological tests | |
| Cannabigerol | 49-51% | Total Plate Count | <10 cfu/g |
| C3 and C4 homologues | ≤1.0 % | Yeast and Mold | <10 cfu/g |
| THC | n.d. | Enterobacteriaceae | absent (cfu/25g) |
| Moisture | 1.0% | Salmonella | absent (cfu/25g) |
| Ash | 3.75% | E. coli | absent (cfu/25g) |
| | | Aflatoxins | |
| | | B1, B2, G1, G2 | <4 ppb |
| | | B1 | <1 ppb |
| | | Contaminants | |
| Pb | <0.10 mg/kg | Pesticides | <0.01 mg/kg |
| Cd | <0.10 mg/kg | PAHs | <0.05 mg/kg |
| As | <0.10 mg/kg | Residual Class III solvents | ≤500 mg/kg |
| Hg | <0.01 mg/kg | | |
| Solubility: | vegetable fats, alcohols, creates emulsion with water | | |
| Usage: | Flavouring preparation as per EC/1334/2008, Art. 3.2(d)(i). Use for food with maximum recommended addition of 3% w/w. Not for retail sale. | | |
| Dispensing: | Heat container in water bath to 50°C before emptying. | | |
| Disclaimer: | This product is not intended to diagnose, treat, cure or prevent any disease | | |
| Packaging: | HDPE jar / glass bottle | | |
| Shelf life: | 24 months from date of production in cool and dark place. | | |
| MOQ: | 500 g | | |
| Supplier: | CBDepot, s.r.o., Masarykova 54, CZ-415 01 Teplice info@cbdepot.eu, www.CBDepot.eu tel.: +421 905 853 870, fax: +421 43 5866 751 | | |

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Cannabis sativa Flower Fraction (Extract THC-free) - 50% CBG

| | | | |
|------------------|--------------|---------|-----|
| Date of creation | 12. May 2017 | Version | 1.0 |
| Date of revision | | | |

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier** Cannabis sativa Flower Fraction (Extract THC-free) - 50% CBG
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Intended use of the mixture Food, cosmetic raw material. For professional use only.
- Not recommended use of the mixture The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
- Manufacturer**
Name or trade name CBDepot, s.r.o.
Address Masarykova třída 1595/54, Teplice, 415 01
Czech Republic
Phone +420 777 242 218
- Competent person responsible for the safety data sheet**
Name GRACILIS s.r.o.
E-mail info@gracilis.cz
- 1.4. Emergency telephone number**
Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.
- Full text of all classifications and H-phrases is given in the section 16.
- The most serious adverse physico-chemical effects**
Unknown
- The most serious adverse effects on human health and the environment**
Unknown
- 2.2. Label elements**
none
- 2.3. Other hazards**
Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

The mixture hemp extract without THC, composed of cannabinoid compounds, terpenes, oils, waxes and water.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Name of the substance | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note. |
|------------------------|---|---------------------|--|-------|
| CAS: 25654-31-3 | 2-[(2E)-3,7-Dimethyl-2,6-octadienyl]-5-pentyl-1,3-benzenediol | 45-55 | | |

Full text of all classifications and H-phrases is given in the section 16.

SECTION 4: First aid measures

- 4.1. Description of first aid measures**
If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet.
- Inhalation**
not available

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Skin contact

Remove contaminated clothes. Rinse with plenty of lukewarm water with soap. Provide medical treatment if skin irritation persists.

Eye contact

Rinse the eyes immediately with a flow of running water, open the eyelids wide (also using force if needed); remove contact lenses immediately if worn by the person. Rinse for at least 15 minutes. Seek medical treatment if eye irritation persists.

Ingestion

not available

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

Inhalation

not available

Skin contact

not available

Eye contact

May cause slight irritation.

Ingestion

not available

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

foam, carbon dioxide, powder, water splitting of water, water mist

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

not available

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Follow the instructions in Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per Section 13. Collected material should be disposed of in accordance with locally valid regulations. Upon an escape of large quantities of the product, inform the Fire Department and the Environmental Department of the Municipal Authority with extended scope of competencies. After removal of the product, wash the contaminated site with plenty of water or another suitable cleaning material.

6.4. Reference to other sections

7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent the formation of gases and vapors. The product should be used only in areas where it is not in contact with open fire and other ignition sources. Don't smoke. Protect against direct sunlight. Do not inhale gases and vapours. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight.

7.3. Specific end use(s)

not available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

none

8.2. Exposure controls

Follow usual measures for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protection glasses.

Skin protection

Hand protection: Protective gloves resistant against the product. Observe recommendations of the particular manufacturer of the gloves in the choice of their appropriate thickness, material and permeability. Antisliding work boots. Contaminated skin should be washed thoroughly.

Respiratory protection

In normal use is not needed.

Thermal hazard

not available

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------------|
| Appearance | viscous liquid |
| Physical state | solid at 20°C |
| color | amber |
| Odour | earthy, after pine, like pepper |
| Odour threshold | data not available |
| pH | data not available |
| Melting point/freezing point | data not available |
| Initial boiling point and boiling range | data not available |
| Flash point | >100 °C |
| Evaporation rate | data not available |
| Flammability (solid, gas) | data not available |
| Upper/lower flammability or explosive limits | |
| flammability limits | data not available |
| explosive limits | data not available |
| Vapour pressure | data not available |
| Vapour density | data not available |
| Relative density | 0.95-0.99 (voda=1) |
| Solubility(ies) | |
| solubility in water | nerozpustný |
| solubility in fats | soluble |
| in alcohol | soluble |
| Partition coefficient: n-octanol/water | data not available |
| Auto-ignition temperature | data not available |
| Decomposition temperature | data not available |
| Viscosity | data not available |
| Explosive properties | data not available |
| Oxidising properties | data not available |

9.2. Other information

| | |
|----------------------|--------------------|
| Density | data not available |
| ignition temperature | data not available |

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

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10.2. Chemical stability

Under normal conditions, the mixture is stable. When exposed to temperatures below 15 ° C can harden (after exposure at 80 ° C for one hour again liquefy).

10.3. Possibility of hazardous reactions

not available

10.4. Conditions to avoid

Avoid contact with strong oxidizing agents, light.

10.5. Incompatible materials

not available

10.6. Hazardous decomposition products

not available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the substance.

Acute toxicity

Based on available data the classification criteria are not met.

2-[(2E)-3,7-Dimethyl-2,6-octadienyl]-5-pentyl-1,3-benzenediol

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|-----------|---------|------------------|---------|-----|
| | TDLo | 5 mg/kg | | Rat | |

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

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Acute toxicity

Data for the mixture are not available.

12.2. Persistence and degradability

The product is biodegradable.

12.3. Bioaccumulative potential

not available

12.4. Mobility in soil

not available

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number

Not subject to ADR.

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

14.6. Special precautions for user

Reference in Sections 4 to 8.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not available

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

Other important information about human health protection

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The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

| | |
|------------------|---|
| ADR | European agreement concerning the international carriage of dangerous goods by road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| DNEL | Derived no-effect level |
| EC | Identification code for each substance listed in EINECS |
| EC ₅₀ | Concentration of a substance when it is affected 50% of the population |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EmS | Emergency plan |
| EU | European Union |
| IATA | International Air Transport Association |
| IBC | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals |
| IC ₅₀ | Concentration causing 50% blockade |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| INCI | International Nomenclature of Cosmetic Ingredients |
| ISO | International Organization for Standardization |
| IUPAC | International Union of Pure and Applied Chemistry |
| LC ₅₀ | Lethal concentration of a substance in which it can be expected death of 50% of the population |
| LD ₅₀ | Lethal dose of a substance in which it can be expected death of 50% of the population |
| LOAEC | Lowest observed adverse effect concentration |
| LOAEL | Lowest observed adverse effect level |
| log Kow | Octanol-water partition coefficient |
| MARPOL | International Convention for the Prevention of Pollution From Ships |
| NOAEC | No observed adverse effect concentration |
| NOAEL | No observed adverse effect level |
| NOEC | No observed effect concentration |
| NOEL | No observed effect level |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted no-effect concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Agreement on the transport of dangerous goods by rail |
| UN | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB | Substances of unknown or variable composition, complex reaction products or biological materials |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and very Bioaccumulative |

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

Statement

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The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.