

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

### 1.1 Product identifiers

Product Name: PURE OIL 5 Broadspectrum  
Product number: 03.BS.05.S.19.11.12  
CPID (Swiss): 661445-92 (registered chemical product identifier)  
Quantity: 10 mL or 1000mL  
Purity: see customized analytical certificate. Estimated CBD content: 5% ±0.25%.  
Process: Absolute natural and processed etheric concentrate obtained through maceration in not-volatile oil immersed  
Customs number: 3301.2980  
Brand: Pure Production AG  
Country of origin: Switzerland  
REACH No: A registration number for this substance is not available as the substance or its use is excluded from registration, the annual tonnage does not require registration or registration is foreseen for a later date.

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

Identified uses: Raw material, laboratory chemicals, production of substances and formulations. Please note, certain usage might not be legal in your country.

### 1.3 Details of the supplier providing the safety data sheet

Company: Pure Production AG  
Etmatt 273  
CH-4314 ZEININGEN  
Phone: +41 (0)61 853 72 72  
Email address: info@pureeurope.eu

### 1.4 Emergency number

Emergency Phone No.: +41 43-508-2011 (CHEMTREC)  
+41 44-251-5151 (Toxic Centre)  
145 (CH)

## SECTION 2: Potential hazards

### 2.1 Classification of the substance or mixture

No dangerous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### 2.2 Label contents

The product is not approved according to EC directives or the respective national laws.  
Required labelling: none.

### 2.3 Other hazards

None

### GHS Precautions Statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P263 Avoid contact during pregnancy/while nursing.

P273 Avoid release to the environment.

P305 IF IN EYES: rinse with plenty of water.

P314 Get Medical advice/attention if you feel unwell.

P332 + P313 IF skin irritation occurs: Get medical advice/attention.

This product is not a psychotropic drug and does not have a psychoactive effect. Packaging, handling of the package and its content must only be performed by a serious, trustworthy, capable, educated, certified and trained person.

GHS: Global Harmonized System of Classification and Labelling of Chemicals

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances/mixture of substances

Compound	Mass fraction	CAS Nr.	Hazard level
MCT	≤ 95%	538-23-8	None
CBD (>99.6%)	5%	13956-29-1	None
Aroma (Terpene fraction)	≤ 0.5%	129874-08-4	None
CBG	< 0.1%	25654-31-3	None
CBC	< 0.1%	20675-51-8	None
CBDV	< 0.05%	24274-48-4	None

### Non-hazardous goods according to (EG) 1272/2008

Synonym MCT: Middle Chain Triglyceride (MCT)  
 Kokosöl (Niederschmelzende Fraktion)  
 1,2,3-Tricapryloylglycerol  
 Glycerol tricaprylate  
 Trioctanoin  
 Glycerol trioctanoate  
 Glyceryl tricaprylate  
 1,2,3-Trioctanoylglycerol  
 Tricaprylin

Formula: C<sub>27</sub>H<sub>50</sub>O<sub>6</sub> (averaged)  
 Molecular weight: 470.68 g/mol (averaged)  
 CAS-Nr.: 538-23-8 (Hauptbestandteil vom MCT)  
 EG-Nr.: 208-686-5

Synonyms CBD: Resinoid  
 Resin  
 (-)-trans-2-para-Mentha-1,8-dien-3-yl-5-pentylresorcinol  
 2-[(1R,6R)-3-Methyl-6-prop-1-en-2-yl-1-cyclohex-2-enyl]-5-pentylbenzo-1,3-diol

Synonyms Aroma: exact composition is given in the appendix as analytical certificate for the concentrated aroma fraction as PP.145.005-01.

MCT, CBD, Cannabinoidfractions and the terpenes are mixed in a way yielding a guaranteed end concentration of 5%  $\pm$ 0.25% CBD. In accordance with the relevant legislation, no components need to be notified. Nevertheless, the THC content has been measured. This product contains  $\Delta$ 9-THC of  $\ll$ 0.05% (LOQ  $\ll$ 0.05%) according to the UPLC method.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

After inhalation

If inhaled, move affected person to fresh air. In case of respiratory arrest, use artificial respiration.

After skin contact

Wash off with soap and plenty of water.

After eye contact

Rinse eyes with water as a precaution.

After swallowing

Never instill anything through the mouth of an unconscious person. Rinse mouth with water.

### 4.2 Most important acute or delayed symptoms and effects

The main known symptoms and effects are described on the label (see Section 2.2) and/or in Chapter 11.

### 4.3 Information about immediate medical assistance or special treatment

No data available.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing agents

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

carbon oxides

### 5.3 Instructions for fire fighting

In case of fire, wear self-contained breathing apparatus if necessary.

### 5.4 Further information

No data available

## **SECTION 6: Accidental release measures**

### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

Do not inhale vapours/mist/gas.

See section 8 for personal protective equipment.

### **6.2 Environmental precautions**

Do not empty into drains.

### **6.3 Methods and materials for retention and cleaning**

For disposal, place in suitable and closed containers.

### **6.4 Reference to other sections**

Disposal: see section 13.

## **SECTION 7: Handling and Storage**

### **7.1 Protective measures for safe handling**

Information on protective measures can be found in section 2.2. Packaging, handling of the package and its content must only be performed by a serious, trustworthy, capable, educated, certified and trained person.

### **7.2 Conditions for safe storage under consideration of incompatibilities**

Store in a cool place. Keep container tightly closed in a dry, well-ventilated place. Close opened containers carefully and store upright to prevent any leakage.

Recommended storage temperature: 4 - 20°C

### **7.3 Specific end uses**

No specific uses other than those mentioned in section 1.2 are foreseen.

## **SECTION 8: Exposure controls/Personal protective equipment**

### **8.1 Parameters to be monitored**

Components with work center-related limit values that are to be monitored

Contains no substances with occupational exposure limit values. Packaging, handling of the package and its content must only be performed by a serious, trustworthy, capable, educated, certified and trained person.

### **8.2 Limitation and monitoring of exposure**

Suitable technical control equipment

General industrial hygiene measures.

Personal protective equipment

Eye/face protection

For eye protection only use equipment that has been tested and approved according to official standards such as NIOSH (US) or EN 166 (EU).

## Skin Protection

Working with gloves. Gloves must be inspected before use. Use a suitable removal method (without touching the outer surface of the glove) to avoid skin contact with this product. Disposal of contaminated gloves after use in accordance with legal requirements and good laboratory practice. Wash and dry hands.

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the resulting EN 374 standard.

## Body protection

Impermeable protective clothing. The type of protective equipment must be selected according to the concentration and quantity of the hazardous substance at the workplace.

## Respiratory protection

No respiratory protection necessary. In case of disturbing emissions use respirator type OV/AG (US) or ABEK (EU EN 14387)! Respiratory protective devices and components must be tested and approved in accordance with corresponding national standards such as NIOSH (US) or CEN (EU).

## Environmental exposure monitoring

Do not empty into drains.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

a) Appearance	Shape: liquid Colour: golden brown
b) Odour	Aromatic, fresh, smooth
(c) Odour threshold	No data available
(d) pH	No data available
e) Melting point/freezing point	Melting point/melting range: -5°C – +1°C
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
(i) Flammability (solid, gaseous)	No data available
(j) Upper/lower ignition or explosion limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	0.94 – 0.96 g / mL (20°C)
n) Water solubility	Very poorly soluble.
o) Distribution coefficient: n-octanol/water	No data available.
p) Self-ignition temperature	No data available

q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

## 9.2 Other safety information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under specified storage conditions.

### 10.3 Possibility of dangerous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Other decomposition products - No data available

In case of fire: see chapter 5

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

No data available.

Etchant/irritant effect on skin

No data available

Severe eye damage/irritation

No data available

Sensitization of the respiratory tract/skin

No data available

germ cell mutagenicity

No data available

carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

danger of aspiration

No data available

Additional Information

No data available.

To the best of our knowledge, the chemical, physical and toxicological properties of this natural substance/mixture have not been fully investigated.

## **SECTION 12: Environmental information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulation potential**

No data available

### **12.4 Mobility in the ground**

No data available

### **12.5 Results of the PBT and vPvB assessment**

A PBT/vPvB assessment is not available as a chemical safety assessment is not required/not performed

### **12.6 Other adverse effects**

No data available

## **SECTION 13: Disposal Information**

### **13.1 Procedures for waste treatment**

Product

Residual quantities and non-recyclable solutions must be sent to a recognised waste disposal company.

Contaminated packaging

Dispose of as unused product.

