

Batch #: T200001

Batch QR Code:



Destination URL:

<https://hoglabs.info/T200001.pdf>

Description:

1000mg Broad Spectrum Hemp Distillate Tincture, Certificate of Analysis (CoA), Safety Data Sheet (SDS), Flavors (Natural, Peppermint)

Best By:

MAY 2021

# Certificate of Analysis



**Final Product:** Tincture - Hemp Oil Distillate  
**Flavor:** Peppermint  
**Date of Manufacture:** 05/19

**Strength:** 1000mg

**Lot Number:** PL1905F-033

**MILE HIGH LABS™**

| Test   | Methodology                             | Specification  | Test Results (Average)* | Pass/Fail |      |
|--|---|--|-------------------------|-----------|------|
| Color and Appearance - Product                 | TM-004 (Visual)                         | Clear or yellow to orange/red clear, flowing, liquid free of particulates                                    | Conforms                | Pass      |      |
| Aroma/Odor                                     | TM-004 (Organoleptic)                   | Prominent labeled aroma  | Conforms                | Pass      |      |
| Flavor   | TM-004 (Organoleptic)                   | Prominent labeled taste  | Conforms                | Pass      |      |
| CBD Identification                             | TM-003 (DAD Retention Time)             | Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard. | Conforms                | Pass      |      |
|  | TM-003 (DAD UV Spectrum)                | UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.    | Conforms                | Pass      |      |
| CBD Content Assay (% of label claim)           | TM-003 (HPLC-DAD)                       | 90.0 – 110.0%  | 96.6                    | Pass      |      |
| THC Content (% w/w)                            | THC                                     | TM-003 (HPLC-DAD)  | Report                  | 0.077     | N/A  |
|  | THCA                                    | TM-003 (HPLC-DAD)  | Report                  | ND        | N/A  |
|  | Total THC                               | TM-003 (HPLC-DAD)  | ≤ 0.3%                  | 0.077     | Pass |
| Related Cannabinoid Content (% w/w)            | CBDA                                    | TM-003 (HPLC-DAD)  | Report                  | ND        | N/A  |
|  | CBN                                     | TM-003 (HPLC-DAD)  | Report                  | 0.008     | N/A  |
|  | CBDV                                    | TM-003 (HPLC-DAD)  | Report                  | 0.015     | N/A  |
|  | CBG                                     | TM-003 (HPLC-DAD)  | Report                  | 0.022     | N/A  |
|  | Other (Highest)                         | TM-003 (HPLC-DAD)  | Report                  | 0.149     | N/A  |
|  | Total                                   | TM-003 (HPLC-DAD)  | Report                  | 0.371     | N/A  |
| Total Cannabinoids (CBD plus total RCs, % w/w) | TM-003 (HPLC-DAD)                       | Report   | 3.701                   | N/A       |      |
| Pesticides (Highest, ppm)                      | Individual Pesticide Content Test List† | LC-MS‡   | Conforms†               | Conforms  | Pass |
| Elemental Impurities (ppm)                     | Arsenic                                 | ICP-MS‡  | < 1.5 ppm               | < LOQ     | Pass |
|  | Cadmium                                 | ICP-MS‡  | < 0.5 ppm               | < LOQ     | Pass |
|  | Lead                                    | ICP-MS‡  | < 0.5 ppm               | < LOQ     | Pass |
|  | Mercury                                 | ICP-MS‡  | < 1.5 ppm               | < LOQ     | Pass |

\* Number of replicates: 4

† Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

‡ Contract Testing performed by Eurofins BioDiagnostics.

## Prepared by

DocuSigned by:

Signer Name: Josh Harrelson  
 Signing Reason: I approve this document  
 Signing Time: 9/4/2019 | 1:53:27 PM PDT

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## Quality Approval

DocuSigned by:

Signer Name: Beth Grant  
 Signing Reason: I approve this document  
 Signing Time: 9/4/2019 | 4:14:33 PM PDT

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# Certificate of Analysis



MILE HIGH LABS™

Final Product: Tincture - Hemp Oil Distillate

Lot Number: PX1912F-098

Flavor: Natural

Strength: 1000 mg

Date of Manufacture: 11/2019

| Test   | Methodology                             | Specification  | Test Results (Average)* | Pass/Fail |      |
|--|---|--|-------------------------|-----------|------|
| Color and Appearance - Product                 | TM-004 (Visual)                         | Clear or yellow to orange/red clear, flowing, liquid free of particulates                                    | Conforms                | Pass      |      |
| Aroma/Odor                                     | TM-004 (Organoleptic)                   | Prominent labeled aroma  | Conforms                | Pass      |      |
| CBD Identification                             | TM-003 (DAD Retention Time)             | Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard. | Conforms                | Pass      |      |
|  | TM-003 (DAD UV Spectrum)                | UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.    | Conforms                | Pass      |      |
| CBD Content Assay (% of label claim)           | TM-003 (HPLC-DAD)                       | 90.0 – 110.0%  | 102.5                   | Pass      |      |
| THC Content (% w/w)                            | THC                                     | TM-003 (HPLC-DAD)  | Report                  | N/A       |      |
|  | THCA                                    | TM-003 (HPLC-DAD)  | Report                  | N/A       |      |
|  | Total THC                               | TM-003 (HPLC-DAD)  | ≤ 0.3%                  | Pass      |      |
| Related Cannabinoid Content (% w/w)            | CBDA                                    | TM-003 (HPLC-DAD)  | Report                  | N/A       |      |
|  | CBN                                     | TM-003 (HPLC-DAD)  | Report                  | N/A       |      |
|  | CBDV                                    | TM-003 (HPLC-DAD)  | Report                  | N/A       |      |
|  | CBG                                     | TM-003 (HPLC-DAD)  | Report                  | N/A       |      |
|  | Other (Highest)                         | TM-003 (HPLC-DAD)  | Report                  | 0.040     | N/A  |
| Total  | TM-003 (HPLC-DAD)                       | Report   | 0.218                   | N/A       |      |
| Total Cannabinoids (CBD plus total RCs, % w/w) | TM-003 (HPLC-DAD)                       | Report   | 3.753                   | N/A       |      |
| Pesticides (Highest, ppm)                      | Individual Pesticide Content Test List† | LC-MS‡   | Conforms†               | < LOQ     | Pass |
| Elemental Impurities (ppm)                     | Arsenic                                 | ICP-MS‡  | < 1.0 ppm               | < LOQ     | Pass |
|  | Cadmium                                 | ICP-MS‡  | < 0.4 ppm               | < LOQ     | Pass |
|  | Lead                                    | ICP-MS‡  | < 0.5 ppm               | < LOQ     | Pass |
|  | Mercury (Total)                         | ICP-MS‡  | < 0.2 ppm               | < LOQ     | Pass |

\* Number of replicates: 3

† Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

‡ Contract Testing performed by Eurofins BioDiagnostics.

## Prepared By

DocuSigned by:

Signer Name: Danae Burgess  
 Signing Reason: I am the author of this document  
 Signing Time: 1/16/2020 | 4:36:48 PM PST

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## Quality Approval

DocuSigned by:

Signer Name: Beth Grant  
 Signing Reason: I approve this document  
 Signing Time: 1/16/2020 | 7:24:32 PM PST

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MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

Page 1 of 8

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

##### 1.1. Product identifier

PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

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

###### Uses advised against

Any non-intended use.

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

Company name: Mile High Labs  
 Address: 697 N. Denver Avenue, Suite 132  
 Loveland, CO 80537  
 USA  
 Telephone: (970) 775-7463 ext. 0

##### 1.4. Emergency telephone number:

(970) 776-9194 ext. 0

##### Further Information

This sheet was prepared on a voluntary basis.

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008  
 Not a hazardous substance or mixture

##### 2.2. Label elements

Regulation (EC) No. 1272/2008  
 Not a hazardous substance or mixture

##### 2.3. Other hazards

None

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Components

| Component                 | CAS No.                | EC No. | Weight % |
|---------------------------|------------------------|--------|----------|
| MCT Oil                   | 65381-09-1, 73398-61-5 | NA     | 90 - 100 |
| Peppermint Oil            | 50-6225-07             | NA     | 2 - 3    |
| Hemp Oil Distillate       |                        |        |          |
| Cannabidiol (CBD)         | 13956-29-1             | NA     | ≤ 5      |
| Total THC = (THC + THCA)  | 1972-08-3, 23978-85-0  | NA     | ≤ 0.3    |
| Cannabidiolic Acid (CBDA) | 1244-58-2              | NA     | ≤ 1      |
| Cannabinol (CBN)          | 521-35-7               | NA     | ≤ 1      |
| Cannabidivarin (CBDV)     | 24274-48-4             | NA     | ≤ 1      |
| Cannabichromene (CBC)     | 20675-51-8             | NA     | ≤ 1      |
| Cannabigerol (CBG)        | 25654-31-3             | NA     | ≤ 1      |

Full text of H and EUH statements: see Section 16.



MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

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#### Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

###### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. Apply cortisone spray at early stage.

###### After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

###### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
In case of eye irritation consult an ophthalmologist.

###### After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). When in doubt or if symptoms are observed, get medical advice.

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

The most important known symptoms and effects are described in the labelling (see Section 2.2) and/or in Section 11.

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

No data available.

#### SECTION 5: Fire-fighting measures

##### 5.1. Extinguishing media Suitable

###### extinguishing media

Use alcohol-resistant foam, dry chemical or carbon dioxide.

###### Unsuitable extinguishing media

Carbon oxides.

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

Wear self-contained breathing apparatus for firefighting if necessary.

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. For personal protection see Section 8.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Discharge into the environment must be avoided. Prevent spread over a wide area (e.g. by containment or oil barriers).

##### 6.3. Methods and material for containment and cleaning up

keep in suitable, closed containers for disposal.

##### 6.4. Reference to other sections

GB - EN



MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

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Safe handling: see Section 7

Personal protection equipment: see Section 8

Disposal: see Section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.  
Normal measures for preventative fire protection.

Wear suitable protective clothing (See section 8).  
For precautions see Section 2.2.

#### **Advice on protection against fire and explosion**

See Section 5.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Requirements for storage rooms and vessels**

Keep container tightly closed in dry and well-ventilated place.  
Containers which are opened must be carefully released and kept upright to prevent leakage.  
Recommended storage temperature-controlled room temperature 68-77 °F (20-25 °C).

#### **Hints on joint storage**

Do not store together with: Gas. Explosives. Flammable solids. Pyrophoric liquids and solids. Self-heating substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases. Oxidizing liquids. Oxidizing solids. ammonium nitrate. Self-reactive substances and mixtures. Organic peroxides. Non-combustible toxic substances. Radioactive substances. Infectious substances.

#### **Further information on storage conditions**

Protect against: Light. UV-radiation/sunlight. heat. Cold Humidity

### 7.3. Specific end use(s)

Apart from the uses mentioned in Section 1.2 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limits.

### 8.2. Exposure controls

#### **Appropriate engineering controls**

General industrial hygiene practice.

#### **Protective and hygiene measures**

Always close containers tightly after the removal of product.

#### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Skin protection**

Handle with gloves.

Gloves must be inspected prior to use.

Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

#### **Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and



MILE HIGH LABS

**Safety Data Sheet**

According to Regulation (EC) No 1907/2006

**PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL**

Product code: FX-006 – Peppermint

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approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environmental exposure controls**

Do not let product enter drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                           |
|--|---------------------------|
| Physical state:                          | Viscous liquid            |
| Colour:                                  | Clear or yellow to orange |
| Odour:                                   | Peppermint                |
| pH-Value:                                | No data available         |
| <b>Changes in the physical state</b>     |                           |
| Melting point:                           | No data available         |
| Initial boiling point and boiling range: | No data available         |
| Flash point:                             | No data available         |
| Sustaining combustion:                   | No data available         |
| <b>Explosive properties</b>              |                           |
| Lower explosion limits:                  | No data available         |
| Upper explosion limits:                  | No data available         |
| Ignition temperature:                    | No data available         |
| <b>Oxidizing properties</b>              |                           |
| None                                     |                           |



MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

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|                                     |                |
|-------------------------------------|----------------|
| Vapour pressure:<br>(at 20 °C)      | Not determined |
| Density (at 20 °C):                 | Not determined |
| Water solubility:                   | Not miscible   |
| <b>Solubility in other solvents</b> | not determined |
| Viscosity / dynamic:                | Not determined |
| Viscosity / kinematic:              | Not determined |
| Flow time:                          | Not determined |
| Vapour density:                     | Not determined |
| Evaporation rate:                   | Not determined |
| Solvent content:                    | Not determined |

#### **9.2. Other information**

|                |                |
|----------------|----------------|
| Solid content: | Not determined |
|----------------|----------------|

### SECTION 10: Stability and reactivity

#### **10.1. Reactivity**

No information available.

#### **10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

#### **10.3. Possibility of hazardous reactions**

No data available.

#### **10.4. Conditions to avoid**

No data available.

#### **10.5. Incompatible materials**

Strong oxidizing agents.

#### **10.6. Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions – Nature of decomposition products not known. In the event of fire: see Section 5.

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

##### **Toxicokinetics, metabolism and distribution**

No information available.

##### **Acute toxicity**

Inhalation: No data available

Dermal: No data available





MILE HIGH LABS

**Safety Data Sheet**

According to Regulation (EC) No 1907/2006

**PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL**

Product code: FX-006 – Peppermint

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**Irritation and corrosivity**

No data available

**Sensitising effects**

No data available

**Carcinogenic/mutagenic/toxic effects for reproduction**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Specific effects in experiment on an animal**

No information available

**SECTION 12: Ecological information****12.1. Toxicity**

No data available.

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available.

**Further information**

Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal of the product**

Waste generators must determine whether a waste is hazardous and consult local, state, and national hazardous waste regulations to ensure complete accurate classification to ensure proper disposal.

**SECTION 14: Transport information****DOT (US)**

Not a hazardous material.



MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

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#### IMDG

Not a dangerous goods.

#### IATA

Not dangerous goods.

#### 14.1. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.2. Special precautions for user

See Section 8.

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

not relevant.

### SECTION 15: Regulatory information

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

not determined

##### **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

##### **SARA 311/312 Hazards**

Chronic Health Hazard.

### SECTION 16: Other information

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Mile High Labs, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Mile High Labs, Inc. has been advised of the possibility of such damages.

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect level



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## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

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NTP: National Toxicology Program  
 N/A: not applicable  
 OSHA: Occupational Safety and Health Administration  
 PNEC: predicted no effect concentration  
 PBT: Persistent bioaccumulative toxic  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 SARA: Superfund Amendments and Reauthorization Act  
 SVHC: substance of very high concern  
 TRGS Technische Regeln fuer Gefahrstoffe  
 TSCA: Toxic Substances Control Act  
 VOC: Volatile Organic Compounds  
 VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe  
 WGK: Wassergefährdungsklasse

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification     | Classification procedure |
|--------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data    |

#### Relevant H and EUH statements (number and full text)

|        |  |
|--------|--|
| H225   | Highly flammable liquid and vapour.  |
| H226   | Flammable liquid and vapour.   |
| H228   | Flammable solid.   |
| H302   | Harmful if swallowed.  |
| H304   | May be fatal if swallowed and enters airways.  |
| H315   | Causes skin irritation.  |
| H317   | May cause an allergic skin reaction.   |
| H318   | Causes serious eye damage.   |
| H319   | Causes serious eye irritation.   |
| H332   | Harmful if inhaled.  |
| H371   | May cause damage to organs.  |
| EUH208 | Contains Clove oil from flower buds, citronellal, geraniol, citronellol. May produce an allergic reaction. |

#### Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:  
 Health hazards: Calculation method.  
 Environmental hazards: Calculation method.  
 Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

Document Approvals  
Approved Date: 8/23/2019

|                                   |   |
|-----------------------------------|---|
| Approval Task<br>Verdict: Approve | Beth Grant,<br>(b.grant@milehighlabs.com)<br>Quality Approval<br>23-Aug-2019 18:44:32 GMT+0000    |
| Approval Task<br>Verdict: Approve | Kristen Hypes,<br>(k.hypes@milehighlabs.com)<br>Quality Approval<br>23-Aug-2019 18:45:40 GMT+0000 |

Approved



MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### NATURAL FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006

Page 1 of 8

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

##### 1.1. Product identifier

NATURAL FLAVORING DISTILLATE TINCTURE OIL

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

###### Uses advised against

Any non-intended use.

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

Company name: Mile High Labs  
 Address: 697 N. Denver Avenue, Suite 132  
 Loveland, CO 80537  
 USA  
 Telephone: (970) 775-7463 ext. 0

##### 1.4. Emergency telephone number:

(970) 776-9194 ext. 0

##### Further Information

This sheet was prepared on a voluntary basis.

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008  
 Not a hazardous substance or mixture

##### 2.2. Label elements

Regulation (EC) No. 1272/2008  
 Not a hazardous substance or mixture

##### 2.3. Other hazards

None

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Components

| Component                 | CAS No.                | EC No. | Weight % |
|---------------------------|------------------------|--------|----------|
| MCT Oil                   | 65381-09-1, 73398-61-5 | NA     | 90 - 100 |
| Hemp Oil Distillate       |                        |        |          |
| Cannabidiol (CBD)         | 13956-29-1             | NA     | ≤ 5      |
| Total THC = (THC + THCA)  | 1972-08-3, 23978-85-0  | NA     | ≤ 0.3    |
| Cannabidiolic Acid (CBDA) | 1244-58-2              | NA     | ≤ 1      |
| Cannabinol (CBN)          | 521-35-7               | NA     | ≤ 1      |
| Cannabidivarin (CBDV)     | 24274-48-4             | NA     | ≤ 1      |
| Cannabichromene (CBC)     | 20675-51-8             | NA     | ≤ 1      |
| Cannabigerol (CBG)        | 25654-31-3             | NA     | ≤ 1      |

Full text of H and EUH statements: see Section 16.

##### Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

#### SECTION 4: First aid measures

GB - EN



MILE HIGH LABS

## Safety Data Sheet

According to Regulation (EC) No 1907/2006

### NATURAL FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006

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#### 4.1. Description of first aid measures

##### **General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

##### **After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. Apply cortisone spray at early stage.

##### **After contact with skin**

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

##### **After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
In case of eye irritation consult an ophthalmologist.

##### **After ingestion**

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). When in doubt or if symptoms are observed, get medical advice.

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

The most important known symptoms and effects are described in the labelling (see Section 2.2) and/or in Section 11.

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

No data available.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media Suitable

##### **extinguishing media**

Use alcohol-resistant foam, dry chemical or carbon dioxide.

##### **Unsuitable extinguishing media**

Carbon oxides.

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

Wear self-contained breathing apparatus for firefighting if necessary.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. For personal protection see Section 8.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Discharge into the environment must be avoided. Prevent spread over a wide area (e.g. by containment or oil barriers).

#### 6.3. Methods and material for containment and cleaning up

keep in suitable, closed containers for disposal.

#### 6.4. Reference to other sections

Safe handling: see Section 7

Personal protection equipment: see Section 8

Disposal: see Section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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#### Advice on safe handling

Provide appropriate exhaust ventilation at places where dust is formed.  
Normal measures for preventative fire protection.  
Wear suitable protective clothing (See section 8).  
For precautions see Section 2.2.

#### Advice on protection against fire and explosion

See Section 5.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep container tightly closed in dry and well-ventilated place.  
Containers which are opened must be carefully released and kept upright to prevent leakage.  
Recommended storage temperature-controlled room temperature 68-77 °F (20-25 °C).

##### Hints on joint storage

Do not store together with: Gas. Explosives. Flammable solids. Pyrophoric liquids and solids. Self-heating substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases. Oxidizing liquids. Oxidizing solids. ammonium nitrate. Self-reactive substances and mixtures. Organic peroxides. Non-combustible toxic substances. Radioactive substances. Infectious substances.

##### Further information on storage conditions

Protect against: Light. UV-radiation/sunlight. heat. Cold Humidity

#### 7.3. Specific end use(s)

Apart from the uses mentioned in Section 1.2 no other specific uses are stipulated.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Contains no substances with occupational exposure limits.

#### 8.2. Exposure controls

##### Appropriate engineering controls

General industrial hygiene practice.

##### Protective and hygiene measures

Always close containers tightly after the removal of product.

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves.

Gloves must be inspected prior to use.

Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

##### Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Environmental exposure controls

Do not let product enter drains.



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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                 |                           |
|-----------------|---------------------------|
| Physical state: | Viscous liquid            |
| Colour:         | Clear or yellow to orange |
| Odour:          | No data available         |

|           |                   |
|-----------|-------------------|
| pH-Value: | No data available |
|-----------|-------------------|

**Changes in the physical state**

|  |                   |
|--|-------------------|
| Melting point:                           | No data available |
| Initial boiling point and boiling range: | No data available |
| Flash point:                             | No data available |

|                        |                   |
|------------------------|-------------------|
| Sustaining combustion: | No data available |
|------------------------|-------------------|

**Explosive properties**

|                         |                   |
|-------------------------|-------------------|
| Lower explosion limits: | No data available |
| Upper explosion limits: | No data available |
| Ignition temperature:   | No data available |

**Oxidizing properties**

None

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|                                     |                |
|-------------------------------------|----------------|
| Vapour pressure:<br>(at 20 °C)      | Not determined |
| Density (at 20 °C):                 | Not determined |
| Water solubility:                   | Not miscible   |
| <b>Solubility in other solvents</b> | not determined |
| Viscosity / dynamic:                | Not determined |
| Viscosity / kinematic:              | Not determined |
| Flow time:                          | Not determined |
| Vapour density:                     | Not determined |
| Evaporation rate:                   | Not determined |
| Solvent content:                    | Not determined |

#### **9.2. Other information**

|                |                |
|----------------|----------------|
| Solid content: | Not determined |
|----------------|----------------|

### SECTION 10: Stability and reactivity

#### **10.1. Reactivity**

No information available.

#### **10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

#### **10.3. Possibility of hazardous reactions**

No data available.

#### **10.4. Conditions to avoid**

No data available.

#### **10.5. Incompatible materials**

Strong oxidizing agents.

#### **10.6. Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions – Nature of decomposition products not known. In the event of fire: see Section 5.

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

##### **Toxicokinetics, metabolism and distribution**

No information available.

##### **Acute toxicity**

Inhalation: No data available

Dermal: No data available



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**Irritation and corrosivity**

No data available

**Sensitising effects**

No data available

**Carcinogenic/mutagenic/toxic effects for reproduction**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Specific effects in experiment on an animal**

No information available

**SECTION 12: Ecological information****12.1. Toxicity**

No data available.

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available.

**Further information**

Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal of the product**

Waste generators must determine whether a waste is hazardous and consult local, state, and national hazardous waste regulations to ensure complete accurate classification to ensure proper disposal.

**SECTION 14: Transport information****DOT (US)**

Not a hazardous material.



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#### IMDG

Not a dangerous goods.

#### IATA

Not dangerous goods.

#### 14.1. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.2. Special precautions for user

See Section 8.

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

not relevant.

### SECTION 15: Regulatory information

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

not determined

##### **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

##### **SARA 311/312 Hazards**

Chronic Health Hazard.

### SECTION 16: Other information

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Mile High Labs, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Mile High Labs, Inc. has been advised of the possibility of such damages.

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect level

NTP: National Toxicology Program

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N/A: not applicable

OSHA: Occupational Safety and Health Administration

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

SARA: Superfund Amendments and Reauthorization Act

SVHC: substance of very high concern

TRGS Technische Regeln fuer Gefahrstoffe

TSCA: Toxic Substances Control Act

VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe

WGK: Wassergefaehrdungsklasse

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification     | Classification procedure |
|--------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data    |

#### Relevant H and EUH statements (number and full text)

|        |  |
|--------|--|
| H225   | Highly flammable liquid and vapour.  |
| H226   | Flammable liquid and vapour.   |
| H228   | Flammable solid.   |
| H302   | Harmful if swallowed.  |
| H304   | May be fatal if swallowed and enters airways.  |
| H315   | Causes skin irritation.  |
| H317   | May cause an allergic skin reaction.   |
| H318   | Causes serious eye damage.   |
| H319   | Causes serious eye irritation.   |
| H332   | Harmful if inhaled.  |
| H371   | May cause damage to organs.  |
| EUH208 | Contains Clove oil from flower buds, citronellal, geraniol, citronellol. May produce an allergic reaction. |

#### Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

Document Approvals  
Approved Date: 8/23/2019

|                                   |   |
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