

**Safety Data Sheet**  
**Peppermint Essential Oil, 1<sup>st</sup> Distill**

May 25, 2022

**Section 1: Chemical Product and Company Identification**

**Product name:** Peppermint Essential Oil, 1st Distill  
**Contact Info:** Bramble Berry Inc.  
2138 Humboldt Street  
Bellingham, WA 98225  
info@brambleberry.com  
www.brambleberry.com  
1-877-627-7883

**Emergency Phone Number:**  
Within USA & Canada: 1.800.424.9300 CCN693143  
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

**CAS-No.:** 8006-90-4; 84082-70-2

**Synonyms:** Oils, peppermint (Extractives and their physically modified / derivatives. Mentha piperita, Labiatae.) / Peppermint oil / Peppermint, oil (Mentha Piperita L.) / Mentha Piperita Oil / MENTHA PIPERITA OIL / Peppermint, oil (mentha piperita l.) / Peppermint Oil / Peppermint (Mentha Piperita) oil, Peppermint / Ext.

**Section 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

GHS US classification

Flammable liquids Category 4: Combustible liquid

Skin corrosion/irritation Category 2: Causes skin irritation

Serious eye damage/eye irritation Category 2A: Causes serious eye irritation

Skin sensitization, Category 1: May cause an allergic skin reaction

Aspiration hazard Category 1: May be fatal if swallowed and enters airways

**2.2. GHS Label elements, including precautionary statements**

**GHS US labeling**

**Hazard pictograms (GHS US):**



**Signal word (GHS US):** Danger

**Hazard statements (GHS US):** Combustible liquid

May be fatal if swallowed and enters airways

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye irritation

**Precautionary statements (GHS US):**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wash hands, forearms and face thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Immediately call a poison center or doctor.

If on skin: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see supplemental first aid instruction on this label).

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

In case of fire: Use media other than water to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**2.3. Other hazards which do not result in classification**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

Not applicable

## Section 3: Composition/Information on Ingredients

**3.1. Substances**

**Name:** PEPPERMINT OIL

**CAS-No.:** 8006-90-4; 84082-70-2

**Full text of hazard classes and H-statements:** see section 16

**3.2. Mixtures**  
Not applicable

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

**First-aid measures general:** Call a physician immediately.

**First-aid measures after inhalation:** Remove person to fresh air and keep comfortable for breathing.

**First-aid measures after skin contact:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**First-aid measures after eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**First-aid measures after ingestion:** Do not induce vomiting. Call a physician immediately.

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

**Symptoms/effects after skin contact:** Irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact:** Eye irritation.

**Symptoms/effects after ingestion:** Risk of lung edema.

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

Treat symptomatically

## Section 5: Fire-Fighting Measures

### 5.1 Suitable (and unsuitable) Extinguishing media

**Suitable extinguishing media:** Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2 Specific hazards arising from the chemical

**Fire hazard:** Combustible liquid.

**Hazardous decomposition products in case of fire:** Toxic fumes may be released.

### 5.3 Special protective equipment and precautions for fire-fighters

**Protection during firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## Section 6: Accidental Release Measures

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

#### 6.1.1. For non-emergency personnel

**Emergency procedures:** Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

#### **6.1.2. For emergency responders**

**Protective equipment:** Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### **6.2 Environmental precautions**

Avoid release to the environment.

#### **6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up:** Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

**Other information:** Dispose of materials or solid residues at an authorized site.

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

For further information refer to section 13.

## **Section 7: Handling and Storage**

#### **7.1 Precautions for safe handling**

**Precautions for safe handling:** Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

**Hygiene measures:** Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

**Storage conditions:** Store in a well-ventilated place. Keep cool. Store locked up.

## **Section 8: Exposure Controls/Personal Protection**

#### **8.1 Control parameters**

**PEPPERMINT OIL (8006-90-4; 84082-70-2)**

No additional information available

#### **8.2. Appropriate engineering controls**

**Appropriate engineering controls:** Ensure good ventilation of the work station.

**Environmental exposure controls:** Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

**Hand protection:** Protective gloves

**Eye protection:** Safety glasses

**Skin and body protection:** Wear suitable protective clothing

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s):**



## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Physical state:** Liquid

**Color:** colourless to pale yellow

**Odor:** peppermint

**Odor threshold:** No data available

**pH:** No data available

**Melting point:** Not applicable

**Freezing point:** No data available

**Boiling point:** No data available

**Flash point:** > 60 °C

**Relative evaporation rate (butyl acetate=1):** No data available

**Flammability (solid, gas):** Not applicable.

**Vapor pressure:** No data available

**Relative vapor density at 20 °C:** No data available

**Relative density:** 0.896 – 0.908

**Solubility:** No data available

**Partition coefficient n-octanol/water (Log Pow):** No data available

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity, kinematic:** No data available

**Viscosity, dynamic:** No data available

**Explosion limits:** No data available

**Explosive properties:** No data available

**Oxidizing properties:** No data available

### 9.2. Other information

No additional information available

## Section 10: Stability and Reactivity

**10.1 Reactivity** The product is non-reactive under normal conditions of use, storage and transport.

**10.2 Chemical stability** Stable under normal conditions.



## BRAMBLE BERRY

HANDCRAFT PROVISIONS

---

**10.3 Possibility of hazardous reactions** No dangerous reactions known under normal conditions of use.

**10.4 Conditions to avoid** Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**10.5 Incompatible materials** No additional information available

**10.6 Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11: Toxicological Information

#### 11.1 Information on Toxicological Effects

**Acute toxicity (oral):** Not classified

**Acute toxicity (dermal):** Not classified

**Acute toxicity (inhalation):** Not classified

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory or skin sensitization:** May cause an allergic skin reaction.

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**STOT-single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** May be fatal if swallowed and enters airways.

**Viscosity, kinematic:** No data available

**Symptoms/effects after skin contact:** Irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact:** Eye irritation.

**Symptoms/effects after ingestion:** Risk of lung edema.

### Section 12: Ecological Information

#### 12.1. Toxicity

**Ecology - general:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

**12.2. Persistence and degradability** No additional information available

**12.3. Bioaccumulative potential** No additional information available

**12.4. Mobility in soil** No additional information available

**12.5. Other adverse effects** No additional information available

### Section 13: Disposal Conditions

#### 13.1. Disposal methods

**Waste treatment methods:** Dispose of contents/container in accordance with licensed collector's sorting instructions.

## Section 14: Transport Information

In accordance with DOT

**14.1. UN number**

Not regulated for transport

**14.2. UN proper shipping name**

**Proper Shipping Name (DOT):** Not applicable

**14.3. Transport hazard class(es)**

DOT

**Transport hazard class(es) (DOT):** Not applicable

**14.4. Packing group**

**Packing group (DOT):** Not applicable

**14.5. Environmental hazards**

**Other information:** No supplementary information available.

**14.6. Special precautions for user**

DOT

No data available

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

Not applicable

## Section 15: Regulatory Information

**15.1. US Federal regulations**

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act

**(TSCA) inventory**

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**15.2. International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

**National regulations**

No additional information available

**15.3. US State regulations**

**California Proposition 65** - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## Section 16: Other Information

according to **Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations**

**Revision date:** 05/25/2022

### Abbreviations and acronyms

**CAS-No.** Chemical Abstract Service number  
**BCF** Bioconcentration factor  
**BLV** Biological limit value  
**BOD** Biochemical oxygen demand (BOD)  
**COD** Chemical oxygen demand (COD)  
**DMEL** Derived Minimal Effect level  
**DNEL** Derived-No Effect Level  
**EC50** Median effective concentration  
**EC-No.** European Community number  
**IARC** International Agency for Research on Cancer  
**IATA** International Air Transport Association  
**IMDG** International Maritime Dangerous Goods  
**IOELV** Indicative Occupational Exposure Limit Value  
**LC50** Median lethal concentration  
**LD50** Median lethal dose  
**LOAEL** Lowest Observed Adverse Effect Level  
**N.O.S.** Not Otherwise Specified  
**NOAEC** No-Observed Adverse Effect Concentration  
**NOAEL** No-Observed Adverse Effect Level  
**NOEC** No-Observed Effect Concentration  
**OECD** Organisation for Economic Co-operation and Development  
**PNEC** Predicted No-Effect Concentration  
**REACH** Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
**SDS** Safety Data Sheet  
**STP** Sewage treatment plant  
**ThOD** Theoretical oxygen demand (ThOD)  
**TLM** Median Tolerance Limit  
**VOC** Volatile Organic Compounds  
**vPvB** Very Persistent and Very Bioaccumulative

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third-party patent or other intellectual property rights including, without limit, copyright, trademark and design.