

Safety Data Sheet
Peppermint Essential Oil, 2nd Distill

May 25, 2022

Section 1: Chemical Product and Company Identification

Product name: Peppermint Essential Oil, 2nd 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



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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.



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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

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