

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|------------------------|--|
| Product name | Peppermint Essential Oil |
| Product code | EO-PEPPJ |
| Botanical name | Mentha arvensis |
| CAS # | 68917-18-0 |
| Product use | Domestic and Industrial |
| Supplier | WFMed |
| Address | 8245 Backlick Rd Unit D, Lorton VA 22079 USA |
| Telephone number | 888-WFMED-97 (888-936-3397) |
| Emergency phone number | 888-WFMED-97 (888-936-3397) |

2. HAZARD(S) IDENTIFICATION

GHS Hazard Classification

Flammable liquids - Category 4 - H227
Acute toxicity, oral - Category 4 - H302

GHS Label Elements

Pictogram
Signal Word



Warning

Hazard Statements

H227
H302

Combustible liquid.
Harmful if swallowed.

Precautionary Statements - Prevention

P210

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

P264

Wash face, hands and any exposed skin thoroughly after Handling.

P270

Do not eat, drink or smoke when using this product.

P280

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

Precautionary Statements - Response

P301+P312

If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

P330

Rinse mouth.

P370+P378

In case of fire: CO₂, dry chemical, or foam to extinguish.

Precautionary Statements - Storage

P403+P235

Store in a well ventilated place. Keep cool.

Precautionary Statements - Disposal

P501

Dispose of contents/container in accordance with local/regional/national/international regulation.

Hazards Not Otherwise Classified (HNOC)

No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Product Name</u> | <u>CAS NO</u> | <u>Concentration</u> |
|---------------------|---------------|----------------------|
| Menthol | 2216-51-5 | 40 - 75% |
| L-Menthone | 14073-97-3 | 30 - 45% |
| Isomenthone | 491-07-6 | 5 - 20% |

Trace Contents

menthyl acetate, limonene, neomenthol, 1,8-cineol, piperitone, camphene, linalool, β -caryophyllene, β -caryophyllene epoxide, pulegone, α -pinene, β -pinene, germacrene D, menthofurane, β -hexenyl phenylacetate.

4. FIRST-AID MEASURES**Description of first aid measures****Eye Contact**

Flush eyes with water as a precaution.

Skin Contact

Wash with soap and plenty of water.

Inhalation

Remove from exposure and move to fresh air. If not breathing, give artificial respiration.

Ingestion

Clean mouth with water. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Extinguishing media**

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

Specific hazards arising from the chemical

No data available.

Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, gas, or mist.

Environmental precautions

Keep away from drains, surface and groundwater. Report spills to appropriate authorities if required.

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

Contain and collect spillage with non-combustible absorbent material (sand, earth, diatomaceous earth), and place in container for disposal according to local/national regulations.

Methods for cleaning up

Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities**Storage conditions**

Keep in a dry, cool and well-ventilated place. Keep out of reach of children. Avoid direct sunlight.

Incompatible materials

None known based on information supplied.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Exposure controls**Engineering controls**

Provide showers, eyewash stations, and ventilation systems.

Personal protective equipment

Eye/Face protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin/Body protection: Avoid contact with skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection: Respiratory protection not normally required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practices. Avoid breathing (dust, vapor, mist, gas). Regular cleaning of equipment, work area, and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|---------------------------|--|
| Physical state | Liquid |
| Appearance | Colorless to pale-yellow |
| Odor | Characteristic menthol-like odor |
| Flash point | 66°C (150.8 °F) |
| Specific gravity (@ 20°C) | 0.888 - 0.910 |
| Optical rotation (@ 20°C) | -24 to -15 |
| Refractive index (@ 20°C) | 1.4560 - 1.4660 |
| Solubility | Soluble in alcohol and oils. Insoluble in water. |
| Extraction method | Steam distillation of the herb |

10 . STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possible hazardous reactions

No data available.

Conditions to avoid

Avoid direct sunlight.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

LD50 oral: 2426 mg/kg (rat)

LD50 dermal: >5 g/kg (rabbit)

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Aspiration hazard

No data available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Product**

Dispose of product in accordance with local regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION**US DOT (Land)**

| | |
|----------------------|----------------------------|
| UN/ID # | 1993 |
| Proper Shipping Name | Combustible liquid, n.o.s. |
| Hazard Class | NONE |
| Packing Group | III |

IMDG/IMO (Sea)

Not regulated.

IATA/ICAO (Air)

Not regulated.

15. REGULATORY INFORMATION**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

California Proposition 65

This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations

| <u>Chemical Name</u> | <u>New Jersey</u> | <u>Massachusetts</u> | <u>Pennsylvania</u> | <u>Rhode Island</u> |
|-----------------------------|-------------------|----------------------|---------------------|---------------------|
| Peppermint Oil (68917-18-0) | X | | X | |

16. OTHER INFORMATION

Creation date: 7/23/2012

Revision date: 7/17/2017

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