



1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Peppermint Supreme Essential Oil
Product code	EO-PEPPS
Botanical name	Mentha piperata
CAS #	8006-90-4
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

GHS Label Elements

Pictogram	N/A
Signal Word	Warning

Hazard Statements

H227	Combustible liquid.
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Precautionary Statements - Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

P370+P378	In case of fire: CO2, dry chemical, or foam to extinguish.
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Precautionary Statements - Storage

P403+P235	Store in a well ventilated place. Keep cool.
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Precautionary Statements - Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
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Hazards Not Otherwise Classified (HNOC)

No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS NO	Concentration
L-Menthol	2216-51-5	30 - 55%
L-Menthone	14073-97-3	14 - 32%
Menthyl acetate	89-48-5	2.8 - 10%
Isomenthone	491-07-6	1.5 - 10%
L-Limonene	5989-54-8	1 - 5%
Menthofuran	494-90-6	1 - 9%

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact

Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

Skin Contact

Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

Inhalation

Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of overexposure are dizziness and nausea.

Ingestion

Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly losing or is convulsing

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

Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperatures.

Specific hazards arising from the chemical

Carbon Monoxide, Carbon Dioxide.

Special protective equipment and precautions for firefighters

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

Further information

Determine the need to evacuate or isolate the area according to your local emergency plan.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use of self-contained breathing apparatus is recommended for any major chemical spill. Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.

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

Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before reuse.

Conditions for safe storage, including any incompatibilities

Storage conditions

Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition

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: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

Skin/Body protection: Using chemical resistant gloves is recommended. An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

Respiratory protection: In well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

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	0.900 - 0.916
Optical rotation	-30 to -10
Refractive index	1.475 - 1.467
Solubility	Soluble in alcohol and other organic solvents.
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 sparks, flame and excessive heat.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene

Serious eye damage/eye irritation

May irritate eyes.

Respiratory or skin sensitisation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Germ cell mutagenicity

No data available.

Carcinogenicity

None of the components of this material are listed as a carcinogen

Reproductive toxicity

No adverse effects on reproduction are known.

Aspiration hazard

No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water.

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	No
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: 7/27/2013

Revision date: 7/18/2017

Disclaimer & Caution:

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