

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Bergamot Essential Oil
Product code	EO-BERGA
Botanical name	Citrus bergamia
CAS #	8007-75-8
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 3 - H226

### GHS Label Elements

Pictogram  
Signal Word



Warning

### Hazard Statements

H226

Flammable liquid and vapour.

### Precautionary Statements - Prevention

P210

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

P233

Keep container tightly closed.

P240

Ground/bond container and receiving equipment.

P241

Use explosion-proof electrical/ventilating/light/equipment.

P242

Use only non-sparking tools.

P243

Take precautionary measures against static discharge.

P280

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

### Precautionary Statements - Response

P303+P361+P353

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Product Name</u>	<u>CAS NO</u>	<u>Concentration</u>
Bergamot Oil	8007-75-8	100%

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**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. Consult physician if irritation occurs.

**Inhalation**

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

**Ingestion**

Do NOT induce vomiting. Clean mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.

**Most important symptoms and effects, both acute and delayed**

No data available.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

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**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.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### **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.

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## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practices. Avoid inhalation of vapours or mist. Keep away from sources of ignition.

### **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.

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## 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: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Light yellowish green to yellowish brown liquid
Odor	Fragrant sweet-fruity citrusy odor
Flash point	60°C (140 °F)
Specific gravity (@ 20°C)	0.876 - 0.894
Optical rotation (@ 20°C)	+8.0 to +24.0
Refractive index (@ 20°C)	1.459 - 1.496
Solubility	Soluble in alcohol and oils. Almost insoluble in water.
Extraction method	Cold pressed from crude fruit peel

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## 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 heat, sparks, and direct sunlight.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition

None known based on information supplied.

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

LD50 oral: 11,520 mg/kg (rat)

#### 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.

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**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.

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

Dispose of product in accordance with local regulations.

**Contaminated packaging**

Do not reuse container.

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**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)**

UN/ID #	1993
Proper Shipping Name	Combustible liquid, n.o.s.
Hazard Class	NONE
Packing Group	III
EMS-no	F-E. S-E

**IATA/ICAO (Air)**

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

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## 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>
Bergamot Oil (8007-75-8)	X		X	

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## 16. OTHER INFORMATION

Creation date: 1/29/2012

Revision date: 8/10/2017

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