

## **1. PRODUCT INFORMATION**

Product name : Bergamot (Natural Blend) Essential Oil  
Botanical name : Citrus bergamia  
INCI name : Trade Name: Bergamot  
Country of Origin : Italy  
Product Use : Domestic and Industrial  
Supplier : Windy Point Soap Making Supplies Inc.  
Address : 14, 6125-12<sup>th</sup> Street SE, Calgary, AB T2H 2K1  
Telephone : 587-318-6678  
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

### **GHS Classification**

Flammable liquids - Category 3

Aspiration Hazard - Category 1

Skin Irritation - Category 2

Skin sensitization - Category 1

Hazardous to the aquatic environment - Chronic - Category 1

### **GHS Label elements, including precautionary statements**



Signal: Danger

### **Hazard statement(s)**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H410 Very toxic to aquatic life with long-lasting effects

**Precautionary statement(s)**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Limonene	5989-27-5	227-813-5	20 - 70 %
Lynalil Acetate	115-95-7	204-116-4	0 - 50 %
Linalool	78-70-6	201-134-4	0 - 30 %
Gamma Terpinene	99-85-4	202-794-6	0 - 20 %
Terpinyl Acetate	8007-357-5	232-357-5	0 - 20 %
Beta Pinene	127-91-3	204-872-5	0 - 11 %
Neryl Acetate	141-12-8	205-459-2	0 - 5 %
Geranyl Acetate	105-87-3	203-341-5	0 - 5 %
Alfa Pinene	80-56-8	201-291-9	0 - 4 %
Alpha-Terpineol	98-55-5	202-680-6	0 - 4 %
Sabinen	3387-41-5	222-212-4	0 - 3 %
Myrcene	123-35-3	204-622-5	0 - 2 %

#### **4. FIRST AID MEASURES**

##### **Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

##### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

##### **Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

##### **Ingestion**

Seek medical attention or contact local poison control center

#### **5. FIRE FIGHTING MEASURES**

##### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide

##### **Unsuitable extinguishing media**

Water spray, water jet.

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

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

##### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

##### **Resulting gases**

Carbon oxides.

#### **6. ACCIDENTAL RELEASE MEASURES**

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

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

##### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## **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**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Exposure controls**

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. These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

### **Eyes**

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**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Not for ingestion.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Light yellowish green to yellowish brown liquid.
Odor	: Fragrant sweet-fruity odor.
Flash point	: 58 °C
Relative density	: 0.876 to 0.894 @ 25 °C
Solubility (ies)	: Soluble in alcohol and oils. Insoluble in water.
Refractive index	: 1.459 to 1.490 @ 20 °C
Optical rotation	: +15.0 to +35.0 @ 25 °C

## **10. STABILITY AND REACTIVITY**

### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

## **11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

(R)-p-mentha-1,8-diene:

LD 50 Oral (rat) 4400mg/Kg

### **Carcinogenicity**

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

### **Chronic toxicity**

May cause allergic reactions on skin.

### **Reproductive toxicity**

No adverse effects on reproduction are known.

### **Inhalation**

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

### **Skin contact**

Irritant to skin and mucous membranes. Adverse skin effects should be prevented by normal care and personal hygiene.

### **Eye contact**

Possible irritation should be prevented by wearing safety glasses.

### **Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

**Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

**13. DISPOSAL CONSIDERATION**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**14. TRANSPORT INFORMATION**

**UN Number**

1169

**UN proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**US DOT Shipping Description (Land)**

1169

**Proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**IMO-IMDG Shipping Description (Sea)**

1169

**Proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**IATA Shipping Description (Air)**

1169

**Proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**Emergency action in case of accident**

Notify police and fire department immediately.

**15. REGULATORY INFORMATION**

**California Proposition 65**

This product contains chemical(s) listed per the Safe Drinking Water and Enforcement Act of 1986. Contains:  $\beta$ -Myrcene.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

**Disclaimer & Caution**

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