

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Eucalyptus Radiata Essential Oil

Botanical name : Eucalyptus radiata

INCI name : Eucalyptus radiata leaf oil

CAS # : 92201-64-4

Country of Origin : Australia

EINECS # : 295-995-3

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd W Unit 1B Huntsville, ON P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

**GHS  
Classification**

Flammable  
Liquid,  
Category 3.  
Skin

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

**WHMIS Classification**

B3 Combustible Liquid.

Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Aspiration toxicity - Category 1.

Acute toxicity (oral), Hazard - Category 4

Hazardous to aquatic environment, chronic hazard, Category 2

**GHS Label elements, including precautionary statements**

Signal : Danger

Hazard statement(s)



H226 Flammable liquid and vapor H317 May cause an allergic skin

reaction.

H315 Causes skin irritation.

H304 May be fatal if swallowed and enters airways.

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

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

P301 + 310 + P331 If swallowed: immediately call a Poison Centre or doctor/physician.

. Do not induce vomiting.

P210 Keep away from heat, hot surfaces, sparks, open flames and other

. ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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

**HMIS Classification & Potential Health Effects**

**HMIS Ratings**

Health : 2, Flammability : 2, Physical Hazard : 0, Personal protection : B

**Inhalation**

May be harmful if inhaled. Causes respiratory tract irritation

**Skin**

May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**

Causes eye irritation

**Ingestion**

Maybe harmful if swallowed

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**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Limonene	138-86-3	205-341-0	Trace to 2%

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**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.

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## 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.

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## 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.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures. Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

### 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

Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures.

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No respiratory protection is required during normal operations in a workplace where engineering

#### **Eyes**

Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.

#### **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.

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

Appearance : Colorless to pale yellow liquid.

Odor : Herbal, eucalyptol, camphor, rosemary and minty like.

Initial b.p and boiling range : 180°C to 200°C @ 760 mm Hg

Flash point : 51.5 °C

Relative density : 0.905 - 0.935 @ 20°C.

Solubility (ies) : Soluble in alcohol and oils. Insoluble in water.

Refractive index : 1.450 – 1.470 @ 20°C

Optical rotation : +10° to -5°

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### **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.

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## 11. TOXICOLOGICAL INFORMATION

### Inhalation

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

### Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

### Eye contact

Possible irritation should be prevented by wearing safety glasses.

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

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

**Persistence and degradability** Not available.

**Bio - accumulative potential** Not available.

**Mobility in soil** Not available.

### Other adverse effects

This product contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This product contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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## 13. DISPOSAL CONSIDERATION

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

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## 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

### Class

3

### Packaging group

III

## IMO-IMDG Shipping Description (Sea) 1169

### Proper shipping name

Extracts, aromatic, liquid

### Class

3

### Packaging group

III

## IATA Shipping Description (Air)

1169

### Proper shipping name

Extracts, aromatic, liquid

### Class

3

### Packaging group

III

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## 15. REGULATORY INFORMATION

### WHMIS Classification

B3

### California Proposition 65

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): -Contains Myrcene.

### GHS Hazard Statements See

section 2.

### GHS Precautionary Statements See

section 2.

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## 16. OTHER INFORMATION

