

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Eucalyptus Globulus Organic Essential Oil
Botanical name	:	Eucalyptus globulus
FEMA	:	2466
INCI name	:	Eucalyptus Globulus Leaf Oil
CAS #	:	84625-32-1, 8000-48-4
Country of Origin	:	India
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

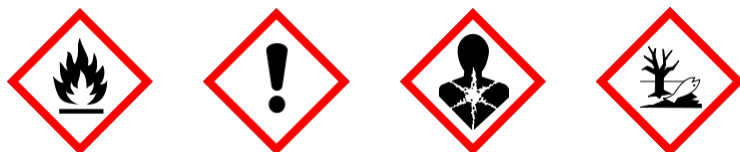
### WHMIS Classification

B3	Combustible Liquid.	
D2B	Toxic Material Causing	Moderate skin irritant
.	Other Toxic Effects	Skin sensitizer

### GHS Classification

Flammable Liquid, Category 3.  
Acute Toxicity oral - Category 5.  
Skin Sensitization - Category 1  
Skin irritation - Category 2  
Aspiration Hazard - Category 1  
Hazardous to aquatic environment, acute hazard, Category 2  
Hazardous to the aquatic environment - Chronic Hazard - Category 2

### GHS Label elements, including precautionary statements



Signal: Danger

### Hazard statement(s)

H226	Flammable liquid and vapor
H303	May be harmful if swallowed.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

**Precautionary statement(s)**

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do not induce vomiting.

**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.

**Ingestion**

Maybe harmful if swallowed

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
1,8-cineole			Greater than 55%

**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**

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### **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**

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### **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.

### **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**

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### **Eyes**

Use tightly sealed goggles.

### **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.

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

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Appearance	:	Colorless to pale yellow liquid.
Odor	:	Camphor-eucalyptol like odor.
Flash point	:	45.5 °C
Relative density	:	- 0.880 - 0.915 AT 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.458 - 1.465 @ 20°C
Optical rotation	:	-3.0° to +10° @ 20°C

## **10. STABILITY AND REACTIVITY**

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### **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**

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**

Not available.

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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**

1993

**UN proper shipping name**

Flammable liquid, n.o.s. (Eucalyptus globulus, oil)

**Transport hazard class**

3

**Packing group**

III

**US DOT Shipping Description (Land)**

1993

**Proper shipping name**

Flammable liquid, n.o.s. (Eucalyptus globulus, oil)

**Class**

3

**Packaging group**

III

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

1993

**Proper shipping name**

Flammable liquid, n.o.s. (Eucalyptus globulus, oil)

**Class**

3

**Packaging group**

III

**IATA Shipping Description (Air)**

1993

**Proper shipping name**

Flammable liquid, n.o.s. (Eucalyptus globulus, oil)

**Class**

3

**Packaging group**

III

**15. REGULATORY INFORMATION**

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**WHMIS Classification**

B3, D2B

**GHS Hazard Statements**

See section 2.

**GHS Precautionary Statements**

See section 2.

**16. OTHER INFORMATION**

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**Disclaimer & Caution**

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