
1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Eucalyptus Globulus 80 / 85% Essential Oil

Botanical name : Eucalyptus globulus

FEMA : 2466

INCI name : Eucalyptus globulus leaf oil

CAS # : 8000-48-4

Country of Origin : China

EINECS # : 283-406-2

Product use : Domestic and Industrial

Supplier : Essential Depot, Inc.

Address : 4605 Oak Circle, Sebring, FL 33870

Fax :

Telephone number : 866-840-2495

Emergency phone number : 863-658-4398, Monday-Friday, 9am-6pm

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 the 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+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do not induce vomiting.

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.

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Limonene	138-86-3	205-341-0	0.05 - 15.0%
Camphor	464-49-3	207-355-2	Less than 0.1%
Alpha-pinene			0.05 - 10.0%
Beta-pinene			0.05 - 1.5%

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**

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

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

Appearance	:	Colorless to pale yellow liquid.
Odor	:	Pungent, cineol odor.
Flash point	:	52 °C.
Relative density	:	0.905 - 0.927 @ 20°C.
Solubility (ies)	:	Soluble in 5 volumes of 70% ethyl alcohol.
Refractive index	:	1.4580 - 1.4650 @ 20°C.
Optical rotation	:	0° to +10°

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

LD50 Dermal - Rabbit - > 5,000 mg/kg

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.

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.

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**US DOT Shipping Description (Land)**

UN # - 1993

Proper shipping name

Flammable Liquid, n.o.s. (Alpha-pinene)

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

UN # - 1993

Proper shipping name

Flammable Liquid, n.o.s. (Alpha-pinene)

Class

3

Packaging group

III

IATA Shipping Description (Air)

UN # - 1993

Proper shipping name

Flammable Liquid, n.o.s. (Alpha-pinene)

Class

3

Packaging group

III

15. REGULATORY INFORMATION**WHMIS Classification**

B3, D2B

GHS Hazard Statements

See section 2.

GHS Precautionary Statements

See section 2.

16. OTHER INFORMATION

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