
1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Lime Essential Oil - Persian/Tahiti (Brazil)

Botanical name : Citrus latifolia Tanaka

Synonyms : Bearss Lime

FEMA : 2631

INCI name : Citrus latifolia (Lime) oil

CAS # : 8008-26-2

Country of Origin : Brazil

EINECS # : 290-010-3

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 under WHMIS regulations.

GHS Classification

Flammable liquid - Category 3.

Skin Corrosion/Irritation Category 2

Skin Sensitization - Category 1

Aspiration toxicity - Category 1

Hazardous to aquatic environment, acute hazard, Category 1

Hazardous to aquatic environment, chronic hazard, Category 1

GHS Label elements, including precautionary statements



Signal :

Danger[]

Hazard statement(s)

- H226 Flammable liquid and vapor
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction.
- H304 May be fatal if swallowed and enters airways.
- H410 Very toxic to aquatic life with long lasting effects
- H400 Very toxic to aquatic life.

Precautionary statement(s)

- P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking
- P233 Keep container tightly closed.
- P242 Use only non-sparking tools.
- P261 Avoid breathing dust, fume, gas, mist, vapours or spray.
- P264 Wash hands thoroughly after handling.
- 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.
- P501 Dispose of contents/container in accordance with local regulation.
- P403+235 Store in well-ventilated place. Keep cool.
- P405 Store locked up.

HMIS Classification & Potential Health Effects

Skin

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

Eyes

Causes eye irritation

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Limonene	138-86-3		~ 53%
Pinene	80-56-8 (alpha) + 127-91-3 (beta)		~15%
Gamma-terpinene	99-85-4		~10%

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.

Ingestion

Do not eat, drink and smoke while using

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Yellowish green to dark green liquid.
Odor	:	Fresh, sweet, acidulous, lemon-peel-like
Flash point	:	46 °C.
Relative density	:	0.857 - 0.879 at 20°C.
Refractive index	:	1.4760 - 1.4860 @ 20°C
Optical rotation	:	+38° to +53° at 20°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

Skin contact

Can induce irritations.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

Can be noxious.

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 # - 1169

Proper shipping name

Extracts, Aromatic, Liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

UN # - 1169

Proper shipping name

Extracts, Aromatic, Liquid

Class

3

Packaging group

III

IATA Shipping Description (Air)

UN # - 1169

Proper shipping name

Extracts, Aromatic, Liquid

Class

3

Packaging group

III

15. REGULATORY INFORMATION**WHMIS Classification**

B3, D2B

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.

16. OTHER INFORMATION

Revision date : July 20, 2016

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