



Revision date: 03/05/2025

# SAFETY DATA SHEET

## SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

PRODUCT NAME	:	Lime Essential Oil
BOTANICAL NAME	:	<i>Citrus latifolia</i>
COUNTRY OF ORIGIN	:	Mexico
CAS NUMBER	:	8008-26-2
EC NUMBER	:	290-010-3
SUPPLIER	:	Brooklyn Botany
ADDRESS	:	6569 Pond Apple Rd. Boca Raton, FL 33433
TELEPHONE NUMBER	:	914-940-5947

## SECTION 2: HAZARD IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE

#### CLASSIFICATION ACCORDING TO THE REGULATION (EC) NO 1272/2008

Flammable liquids, Hazard Category 3; Aspiration hazard, Hazard Category 1; Skin corrosion/irritation, Hazard

Category 2; Sensitization — Skin, Hazard Category 1; Hazardous to the aquatic environment — acute hazard,



category acute 1; Hazardous to the aquatic environment — long-term hazard, category chronic 1.

## CLASSIFICATION ACCORDING TO THE DIRECTIVE 67/548/EEC

### Hazard Symbols:

Xn: Harmful

N: Dangerous for the environment

### Risk Phrases:

R10: Flammable.

R38: Irritating to skin.

R43: May cause sensitization by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

## 2.2 LABEL ELEMENTS



**SIGNAL WORD**

:

Danger

## 2.3 HAZARD STATEMENTS

**H226**

:

Flammable liquid and vapor.



- 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 STATEMENTS

- P210** : Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- P273** : Avoid release to the environment.
- P280** : Wear protective gloves/eye protection/face protection.
- P301 + P310** : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302 + P352** : IF ON SKIN: Wash with plenty of soap and water.
- P331** : Do NOT induce vomiting.

### 2.3 OTHER HAZARDS

N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCES



CONCENTRATION RANGE OF THE CONSTITUENT (%WEIGHT/WEIGHT)	EC NUMBER / REGISTRATION NUMBER	CAS	CHEMICAL NAME	Symbol(s); Risk phrase(s) / Hazard Class and Category Code; Hazard statement codes
100%	290-010-3	8008-26-2	Citrus latifolia	Xn,N; R10-38-43-50/53-65 Flam. Liq. 3;H226- Asp. Tox. 1;H304- Skin Irrit. 2;H315- Skin Sens. 1;H317- Aquatic Acute 1;H400- Aquatic Chronic 1;H410

See section 16 for the full text of the risk phrases / Hazard statement codes declared above.

## SECTION 4: FIRST AID MEASURES

### 4.1 EYE CONTACT

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

### SKIN CONTACT

Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

### INHALATION

Remove person to fresh air and keep at rest.

### CONSUMPTION

If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

### 4.2 MOST IMPORTANT SYMPTOM AND EFFECTS, BOTH ACUTE AND DELAYED

Aspiration hazard. May cause lung damage if swallowed (aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration). If ingested, it may cause temporary irritation to



the gastrointestinal (digestive) tract. Irritating to skin or mucous membranes (inflammation). May produce an allergic reaction (rash, urticarial). Read label before use. No additional information available.

#### **4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

N/A

### **SECTION 5: FIRE FIGHTING MEASURES**

#### **5.1 SUITABLE EXTINGUISHING MEDIA**

Recommended: Foam or dry powder. For safety reasons do not use full water jet.

#### **5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Not applicable.

#### **5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS**

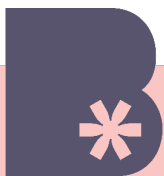
Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapors or smoke. Maintain adequate ventilation in the working area after spilling.

#### **6.2 ENVIRONMENTAL PRECAUTIONS**



Avoid contaminating the environment via the sewers or water sources.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate the area and wash spill site after material pickup is complete. Dispose of it in accordance with current laws and regulations.

### 6.3 REFERENCE TO OTHER SECTIONS

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

### 7.3 SPECIFIC END USE(S)

Not available.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

#### OCCUPATIONAL EXPOSURE LIMITS

Declaration of substances is not required.



## 8.2 EXPOSURE CONTROLS

### PERSONAL PROTECTION EQUIPMENT

Use personal protection equipment according to Directive 89/686/EEC.

### ENGINEERING CONTROLS-VENTILATION

The areas where the product is handled and stored should be adequately ventilated

### RESPIRATORY

Use personal breathing apparatus whenever deemed necessary.

### SKIN PROTECTION

Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

### EYE/FACE PROTECTION

Chemical safety goggles are recommended. Wash contaminated goggle before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Liquid
ODOR	:	ACIDIC, FRESH
COLOR	:	YELLOW - DARK YELLOW
FLASH POINT	:	58 °C
DENSITY	:	0.861 g/cm <sup>3</sup> at 20 ° C

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY



Not available.

## 10.2 CHEMICAL STABILITY

Stable under normal operating conditions

## 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions

## 10.4 CONDITIONS TO AVOID

Heat, flames, and other sources of ignition. No special precautions other than good housekeeping of chemicals.

## 10.5 INCOMPATIBLE MATERIALS

Oxidizing mineral acids, strong reducing agents, strong oxidizing agents

## 10.6 DECOMPOSITION

Carbon monoxide and unidentified organic compounds may be formed during combustion.

## SECTION 11: TOXILIGICAL INFORMATION

### ACUTE TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### SKIN IRRITATION/CORROSION

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### SERIOUS EYE IRRITATION/DAMAGE

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.



### **RESPIRATORY OR SKIN SENSITIZATION**

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### **GERM CELL MUTAGENICITY**

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### **CARCINOGENICITY**

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### **REPRODUCTIVE TOXICITY**

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### **STOT-SINGLE EXPOSURE**

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### **STOT-REPEATED EXPOSURE**

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

### **ASPIRATION TOXICITY**

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

## **SECTION 12: ECOLOGICAL INFORMATION**

**12.1 ACUTE AQUATIC TOXICITY:** Not determined

**12.2 PERSISTENCE AND DEGRADABILITY:** N/A



**12.3 BIOCONCENTRATION FACTOR:** Not determined

**12.4 MOBILITY IN SOIL:** N/A

**12.5 RESULTS OF PBT AND vPvB ASSESSMENT:** Not determined

**12.6 OTHER ADVERSE EFFECTS:** Do not allow the material to enter streams, sewers, or other waterways.

## SECTION 13: DISPOSAL CONSIDERATION

### 13.1 WASTE TREATMENT METHODS

**Container disposal:** Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

**Disposal conditions:** Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

UN NUMBER	:	UN1169
PROPER SHIPPING NAME	:	EXTRACTS, AROMATIC, LIQUID
PACKING GROUP:	:	III
CLASS	:	3
TUNNEL RESTRICTION CODE	:	(D/E)



📍 6569 Pond Apple Rd. Boca Raton, FL 33433

📞 1-914-940-5947

✉️ info@brooklynbotany.com

🌐 BROOKLYNBOTANY.COM

**LABEL**

:



#### 14.2 SEA TRANSPORT (IMDG)

**UN NUMBER**

:

UN1169

**PROPER SHIPPING NAME**

:

EXTRACTS, AROMATIC, LIQUID

**PACKING GROUP:**

:

III

**CLASS**

:

3

**EmS**

:

F-E, S-D

**MARINE POLLUTANT**

:

Yes

**LABEL**

:



#### 14.3 AIR TRANSPORT (ICAO/IATA)

**UN NUMBER**

:

UN1169

**PROPER SHIPPING NAME**

:

EXTRACTS, AROMATIC, LIQUID

**PACKING GROUP:**

:

III

**CLASS**

:

3



**LABEL**

:



**SECTION 15: REGULATORY INFORMATION**

**15.1 SAFETY, HEALTH, AND INFORMATION REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Substances are either included in EINECS, ELINCS, NLP inventories or exempt.

**15.2 CHEMICAL SAFETY ASSESMENT**

Not available.

**SECTION 16: DISCLAIMER AND CAUTION**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Brooklyn Botany provides the information contained herein but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Brooklyn Botany, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Brooklyn Botany is limited to the value of the goods and does not include any consequential loss. Brooklyn Botany shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Brooklyn Botany shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the State of Florida.