

SAFETY DATA SHEET

SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

1.1 TRADE NAME : Lemon Eucalyptus Essential Oil

BOTANICAL NAME : *Eucalyptus citriodora*

CAS NUMBER : 85203-56-1

EC NUMBER : 286-249-8

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE

Raw material for the manufacture of fragrances and/or flavorings. Do not ingest as such.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER : Brooklyn Botany

ADDRESS : 6569 Pond Apple Rd. Boca Raton,
FL 33433

TELEPHONE NUMBER : 914-940-5947

1.4 EMERGENCY TELEPHONE NUMBER

24 HOUR EMERGENCY TELEPHONE NUMBER

USA National Poison Control Center (any day/time) 1 (412) 681-6669.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
LABELLING ACCORDING TO REGULATION (EC) 1272/2008

2.2 LABEL ELEMENTS

HAZARD SYMBOL	:	
SIGNAL WORD	:	WARNING

PRECAUTIONARY STATEMENTS

P210	:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	:	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	:	Wear protective gloves/clothing/eye protection/face protection
P302 + P352	:	IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	:	Immediately call a POISON CENTER/doctor.
P501	:	Dispose of contents/container to an approved waste disposal plant

2.3 OTHER HAZARDS

Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Chemical name: EUCALYPTUS CITRIODORA

CAS number:85203-56-1

EC number:286-249-8

HAZARDOUS CONSTITUENTS:

Chemical name	Content (%)	CE Number	CAS Number	Classification Regulation (EC) 1272/2008	Hazard statements*	Classification (Directive 67/548/EEC)*
CITRONELLAL	≥50%	203-376-6	106-23-0	Eye Irrit. 2;Skin Sens. 1;Skin Irrit. 2	H315;H317;H319	N,Xi: R38-43-51/53
CITRONELLOL	≥5% and <10%	203-375-0	106-22-9	Eye Irrit. 2;Skin Sens. 1;Skin Irrit. 2	H315;H317;H319	N,Xi: R38-43-51/53
ISOPULEGOL	≥5% and <10%	201-940-6	89-79-2	Acute Tox. 4	H302	Xn: R22
PINENES	≥1% and <5%	-	-	Asp. Tox. 1;Flam. Liq. 3;Skin Sens. 1;Skin Irrit. 2	H226;H304;H315;H317	Xn: R10-38-43-65
BETA-CARYOPHYLLENE	≥1% and <5%	201-746-1	87-44-5	Asp. Tox. 1	H304	Xn: R65
CITRONELLYL ACETATE	≥1% and <5%	205-775-0	150-84-5	Aquatic Chronic 2;Eye Irrit. 2;Skin Irrit. 2	H315;H319;H411	N,Xi: R38-51/53
LIMONENE	≥1% and <5%	205-341-0	138-86-3	Aquatic Chronic 1;Aquatic Acute 1;Flam. Liq. 3;Skin Sens. 1;Skin Irrit. 2	H226;H315;H317;H410	N,Xi: R10-38-43-50/53
TERPINOLENE	≥0,1% y <1%	209-578-0	586-62-9	Aquatic Chronic 2;Asp. Tox. 1;Flam. Liq. 3	H226;H304;H411	Xn,N; R10-51/53-65

SECTION: 4 FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

CONSUMPTION

Rinse mouth with water.
Obtain medical advice.
Keep at rest. Do not induce vomiting.

EYE CONTACT

In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.

Seek medical advice if irritation persists, or if there was tissue damage.

INHALATION

If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Seek immediate medical advice.

SKIN CONTACT

Take off immediately all contaminated clothing.

Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

4.2 MOST IMPORTANT SYMPTOM AND EFFECTS, BOTH ACUTE AND DELAYED

May produce an allergic reaction.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

Carbon dioxide Water spray.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Known or Anticipated Hazardous Products of Combustion.: Emits toxic fumes under fire conditions.

5.3 ADVICE FOR FIREFIGHTERS

OTHER FIRE FIGHTING CONSIDERATIONS

High temperatures can lead to high pressures inside closed containers. Avoid inhalation of vapors that are created. Use appropriate respiratory protection. Do not allow spillage of fire will be poured into drains or watercourses.

SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area. Avoid inhalation of vapors; use an appropriate respirator.

6.2 ENVIRONMENTAL PRECAUTIONS

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwater's.

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). Place in covered containers using non-sparking tools and transport outdoors.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

6.4 REFERENCE TO THE OTHER SECTIONS

Reference to other sections - No information available.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.

Observe the rules of hygiene and safety at work. Keep only in the original container.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

RECOMMENDED PACKING MATERIALS

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area.

Keep in glass, suitable plastic, aluminum or lacquer-lined containers.

STORAGE

Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).

Protect from heat/overheating and light sources. Keep away from the sources of ignition. Keep away from incompatible materials (see section of incompatibility). Prevent access to unauthorized persons

Do not store this material near food or drinking water. Don't open containers under pressure.

7.3 SPECIFIC END USE(S)

USAGE PRECAUTIONS

Smoking should not be permitted in work areas.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Declaration of substances is not required.

8.2 EXPOSURE CONTROLS

- EYE/FACE PROTECTION** : Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
- HAND PROTECTION** : Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
- OTHER PERSONAL PROTECTIVE WEAR** : Measures should be taken to prevent materials from being splashed into the eyes or on the skin.
Wear eye shields and protective clothing.
with Regulation (EU) 2016/425.
- RESPIRATORY PROTECTION** : In case of insufficient ventilation, use suitable respiratory equipment. In the case of brief exposure, use a device filter.
- SKIN PROTECTION** : Light protective clothing recommended. Wash contaminated clothing before reuse. Avoid inhalation and contact with skin and eyes.
- ENGINEERING CONTROLS-VENTILATION** : Do not breath vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	LIQUID
COLOR	:	Conforms to standard
ODOR	:	Conforms to standard
FLASH POINT	:	74 °C; 165 °F
DENSITY	:	0,862-0,874 g/mL (20°C)
WATER SOLUBILITY	:	INSOLUBLE IN WATER.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not available

10.2 CHEMICAL STABILITY

Not available

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Not available

10.4 CONDITIONS TO AVOID

Excessive heat, flame or other ignition sources.

10.5 INCOMPATIBLE MATERIALS

No incompatibilities known

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

During combustion may form carbon monoxide and unidentified organic compounds.

SECTION 11: TOXILIGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	: Not determined
12.2 DEGRADIBILITY	: Not available
12.3 BIOACCUMULATIVE POTENTIAL	: 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 to get into wastewater or waterways.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

DISPOSAL CONDITIONS

Dispose of in accordance with all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

Substance / mixture is not classified as hazardous for transport

14.2 SEA TRANSPORT (IMDG)

Substance / mixture is not classified as hazardous for transport

14.3 AIR TRANSPORT (ICAO/IATA)

Substance / mixture is not classified as hazardous for transport

SECTION 15: REGULATORY INFORMATION

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

Not available.

15.2 CHEMICAL SAFETY ASSESMENT

Not available.

SECTION 16: OTHER INFORMATION

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