



BioProGreen

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Numéro d'identifiant fiscale : 06526963
Numéro de CNSS : 92156444
Numéro d'agrément d'exportation EACCE : 6410
Numéro de Patente : 64095319

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Safety Data Sheet Exotic Verbena Essential Oil

I. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION OF THE COMPANY

- **Product identification** : 100% pure, natural, and integral essential oil
- **Trade name** : Exotic Verbena Essential Oil
- **Use** : Industrial, reserved for professional use
- **Company identification** : BioProGreen
N°105 Lot al Massar , route de safi - 40100 Marrakesh
Tél : +212 524 335 449
Fax : +212 524 457 961
E-mail : contact@bioprogreen.com
- **In case of emergency, call the poison control and pharmacovigilance center: 0801000180**
- **Product information :**

Product name : LIPPIA CITRIODORA

Botanical name : Litsea CUBEBA

Extraction method : Steam distillation of fresh Litsea cubeba fruits

Administrative status:

INCI Name	N°CE	N° CAS
	290-018-7	68855-99-2 / 90063-59-5

II. HAZARD IDENTIFICATION

Classification of the substance or mixture:

- **Classification according to Regulation (CE) N°1272/2008 [CLP] :**

Aspiration hazard, Category 1

H304

Hazardous to the aquatic environment - Acute hazard, Category 1

H400

Hazardous to the aquatic environment – chronic hazard, Category 2

H411

Full text of H statements: see section 16

Labeling elements :

Labeling according to Regulation (CE) N° 1272/2008 [CLP] :

Hazard pictograms (CLP) :



GHS08

GHS09

Hazard statement (CLP) : Danger

Hazard statement (CLP) :

H304 -- May be fatal if swallowed and enters airways

H400 -- Very toxic to aquatic life

H411 – Toxic to aquatic life with long-lasting effects

PRECAUTIONARY STATEMENTS (CLP) :

P273 – Avoid release to the environment.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards:

No additional information available.

III. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance :

- **Name** : Litsea cubeba
- **N°CAS** : 68855-99-2 // 90063-59-5
- **N°CE** : 290-018-7

3.2 Mixture :

- Not applicable

Here is the fourth point of the SDS for exotic lemon verbena essential oil:

IV. FIRST AID MEASURES

Description of first aid measures :

- **General first aid:** Never administer anything by mouth to an unconscious person. In case of discomfort, consult a doctor (if possible, show them the label).
- **First aid after inhalation:** Move to fresh air. Allow the victim to rest.
- **First aid after skin contact:** Wash thoroughly with water and soap. Wash contaminated clothing before reuse. In case of skin irritation, consult a doctor. Specific treatment (see ... on this label). In case of irritation or skin rash.
- **First aid after eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue rinsing. If eye irritation persists, consult a doctor.
- **First aid after ingestion:** Rinse mouth. DO NOT induce vomiting. Seek immediate medical attention.

Main symptoms and effects, acute and delayed:

- **Symptoms/injuries after ingestion:** May be fatal if swallowed and enters the respiratory tract.

Indication of any immediate medical attention and special treatment needed:

No additional information available.

Here is the fifth point of the SDS for exotic lemon verbena essential oil:

V. FIRE FIGHTING MEASURES

Extinguishing methods:

- **Suitable extinguishing agents:** Foam, dry powder, carbon dioxide, water spray, sand.
- **Unsuitable extinguishing agents:** Do not use a strong water stream.

Specific hazards arising from the substance or mixture:

No additional information available.

Advice for firefighters:

- **Firefighting instructions:** Cool exposed containers with water spray or mist. Exercise caution when fighting any chemical fire. Avoid letting firefighting wastewater contaminate the environment.
- **Firefighting protective equipment:** Do not enter the fire area without proper protective equipment, including respiratory protection.

VI. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

- **For non-rescuers:**

Emergency procedures: Remove unnecessary personnel from the area.

- **For rescuers:**

Protective equipment: Provide adequate protection to cleaning teams.

Emergency procedures: Ventilate the area.

Environmental precautions:

Avoid entry into sewers and waterways. Notify authorities if the liquid enters sewers or public waters. Avoid environmental release.

Methods and materials for containment and cleaning:

Cleaning procedures: Absorb spilled product as quickly as possible using inert solids such as clay or diatomaceous earth. Collect spilled product. Store away from other materials.

Reference to other sections: See Section 8. Exposure controls/personal protection.

VII. HANDLING AND STORAGE

Précautions for safe handling:

Wash hands and any exposed areas with mild soap and water before eating, drinking, smoking, and leaving work. Ensure good ventilation in the work area to prevent vapor formation. No open flames. Do not smoke. Take precautions against electrostatic discharge. Do not use tools that produce sparks. Avoid breathing fumes or vapors.

Safe storage conditions, including any incompatibilities:

Technical measures : Comply with applicable regulations.

Storage conditions: Store only in the original container in a cool, well-ventilated area away from direct sunlight, heat sources. Keep containers closed when not in use.

Incompatible products: Strong bases, Strong acids.

Incompatible materials: Sources of ignition, Direct sunlight, Heat sources.

Storage location: Store in a well-ventilated area. Keep away from flames or sources of sparks. Store away from light. Protect from heat.

Storage temperature: 18 (5 – 25) °C

Specific end use(s):

No additional information available.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters:

No additional information available.

Exposure controls:

Personal protective equipment: Avoid unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Splash-proof goggles or safety glasses.

Skin and body protection: Wear appropriate protective clothing.

Respiratory protection: Wear an appropriate mask.

Other information: Do not eat, drink, or smoke during use.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Information on essential physical and chemical properties:

Physical state: Liquid

Appearance: Clear mobile liquid

Color: Light yellow to dark yellow

Odor: Fresh, slightly camphoraceous odor

Odor threshold: No data available

pH: No data available

Relative evaporation rate: No data available (Butyl acetate = 1)

Melting point: No data available

Freezing point: No data available

Boiling point: 232°C

Flash point: 65°C

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): Non-flammable

Vapor pressure: No data available

Relative vapor density at 20°C: No data available

Solubility: Slightly soluble in water, soluble in alcohol

Density: 0.863 – 0.892

Refractive index: 1.47 – 1.49

Log Pow: No data available

Kinematic viscosity: No data available

Dynamic viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Explosive limits: No data available

X. STABILITY ET REACTIVITY

Reactivity: No additional information available.

Chemical stability: Not established.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible materials: Strong acids. Strong bases.

Hazardous decomposition products: Smoke, Carbon monoxide, Carbon dioxide.

XI. TOXICOLOGICAL INFORMATION

- **Acute toxicity** : not classified

Exotic verbena essential oil	
Oral LD50 in rats:	> 5000 mg/kg
Dermal LD50 in rabbits	> 5000 mg/kg

Skin corrosion/irritation: Not classified

Based on available data, classification criteria are not met.

Serious eye damage/eye irritation: Not classified

Based on available data, classification criteria are not met.

Respiratory or skin sensitization: Not classified

Based on available data, classification criteria are not met.

Germ cell mutagenicity: Not classified

Based on available data, classification criteria are not met.

Carcinogenicity: Not classified

Based on available data, classification criteria are not met.

Reproductive toxicity: Not classified

Based on available data, classification criteria are not met.

Specific target organ toxicity (single exposure): Not classified

Based on available data, classification criteria are not met.

Specific target organ toxicity (repeated exposure): Not classified

Based on available data, classification criteria are not met.

Aspiration hazard: May be fatal if swallowed and enters airways.

Based on available data, classification criteria are not met.

XII. ECOLOGICAL INFORMATION

- **Toxicity**
- **Aquatic ecotoxicity:** Very toxic to aquatic organisms. Toxic to aquatic organisms, may cause long-term adverse effects.
- **CE50 Daphnie :** 0,044 mg/l - 48h
- **Persistence and degradability:** May cause long-term adverse effects in the environment.
- **Bioaccumulation potential:** Not established
- **Mobility in soil:** No additional information available
- **PBT and vPvB assessment results:** No additional information available
- **Other adverse effects:** Avoid release into the environment.

XIII. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Dispose of in accordance with applicable local/national safety regulations. Dispose of contents/container in designated containers according to applicable regulations.

Waste ecotoxicity: Avoid environmental release. Waste is hazardous due to its toxicity.

XIV. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN requirements:

- **ONU Number :** 3082
- **ONU official transport designation:**

ADR: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport document description (ADR): UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III (E)

Hazard class(es) for transport:

- ADR : 9
- Hazard class(es) (ADR) : 9
- Packaging Group e (ADR) : III
- Environmental Hazard : Oui

Special precautions to be taken by the user:

Land transport:

Classification code (ADR): M6

Special provisions (ADR): 274, 335, 601

Limited quantities (ADR): 5L

Excepted quantities (ADR): E1

Tank transport vehicle: AT

Transport category (ADR): 3

Danger number (Kemler code): 90

Orange panels :



Restriction code for tunnels (ADR): E

- **Bulk transport** according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

XV. REGULATORY INFORMATION

Specific regulations/legislation regarding the substance or mixture concerning safety, health, and environment:

- **EU regulations: :**

No restrictions according to Annex XVII of (REACH)

Does not contain any substance from the REACH candidate list

Not listed in Annex XIV of REACH

Does not contain any substance listed in Annex XIV of REACH

Chemical safety assessment: No chemical safety assessment has been conducted.

XVI. MISCELLANEOUS INFORMATIONS

- **Data sources:** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling, and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- **Other information:** None.

Aquatic acute 1	Hazardous to the aquatic environment — Acute hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic hazard, Category 2
Asp. Tox. 1	Hazard from aspiration, Category 1
H304	May be fatal if swallowed and enters airways
H400	Very toxic to aquatic life
H411	Toxique pour les organismes aquatiques, entraîne des effets néfastes à long terme.

FDS UE (Annexe II REACH)

These pieces of information are based on our current knowledge and describe the product solely for health, safety, and environmental purposes. Therefore, they should not be interpreted as guaranteeing any specific product property.