



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Item	Details
Product Name	Litsea Cubeba Essential Oil
Synonyms	May Chang Oil, Litsea Cubeba Fruit Oil
Botanical Name	<i>Litsea cubeba</i> (Lour.) Pers.
INCI Name	Litsea Cubeba Fruit Oil
CAS Number	68855-99-2
EC Number	290-018-7 / 943-438-6
FEMA Number	3846
Extraction Method	Steam Distillation
Plant Part	Fruits
Product Type	Essential Oil
Recommended Use	Professional perfumery, cosmetics, fragrances and flavour applications
Uses Advised Against	Internal consumption or undiluted topical application

Litsea Cubeba Essential Oil is obtained by steam distillation of the ripe fruits of *Litsea cubeba*. It is characterized by a fresh, lemon-like, citrus aroma with a high natural citral content.

SUPPLIER DETAILS

Aromology Trading LLC
G05 Al Ghazal Building
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Dubai, United Arab Emirates

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SECTION 2: HAZARD IDENTIFICATION

GHS / CLP CLASSIFICATION

Hazard Class	Classification
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Flammable Liquid	Category 3
Aspiration Hazard	Category 1
Skin Irritation	Category 2
Skin Sensitisation	Category 1
Eye Irritation	Category 2
Aquatic Chronic Toxicity	Category 2

Signal Word

DANGER

Hazard Statements

- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

- Keep away from heat, sparks and open flames.
- Avoid breathing vapours.
- Wear protective gloves and eye protection.
- Avoid release into the environment.
- IF SWALLOWED: Immediately call a poison centre. Do not induce vomiting.
- Dispose of contents/container according to local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Typical Content
Litsea Cubeba Essential Oil	68855-99-2	100%

Representative Natural Constituents

Constituent	Typical Range (%)
Citral (Geranial + Neral)	63–78
d-Limonene	9–15
Linalool	0.5–3
Citronellal	Trace–2



β -Caryophyllene

Trace-2

Natural composition varies according to origin, harvest season and distillation conditions.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move to fresh air. Obtain medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact

Flush immediately with water for at least 15 minutes. Seek medical advice if irritation persists.

Ingestion

Do not induce vomiting. Immediate medical attention is required because of aspiration hazard.

Most Important Symptoms

- Skin irritation
 - Allergic skin reaction
 - Eye irritation
 - Aspiration hazard
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical
- Alcohol-resistant foam
- Water fog

Hazardous Combustion Products



- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Eliminate ignition sources.
- Wear suitable PPE.
- Prevent entry into drains and waterways.
- Absorb with sand or inert absorbent.
- Dispose according to regulations.

SECTION 7: HANDLING AND STORAGE

Handling

- Use with adequate ventilation.
- Avoid skin and eye contact.
- Avoid inhalation of concentrated vapours.

Storage

Store:

- In tightly sealed original containers.
- In a cool, dry and well-ventilated place.
- Away from sunlight.
- Away from oxidising agents and sources of ignition.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing



Respiratory Protection Organic vapour respirator where ventilation is insufficient

No specific occupational exposure limits have been established for the essential oil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Clear pale yellow liquid
Odour	Fresh lemon, citrus, sweet
Relative Density (20 °C)	0.875–0.895
Refractive Index (20 °C)	1.480–1.490
Flash Point	Approximately 72–78 °C
Solubility	Insoluble in water; soluble in ethanol
Physical State	Liquid

Representative values compiled from published SDS and technical specifications.

SECTION 10: STABILITY AND REACTIVITY

- Stable under recommended storage conditions.
- Avoid excessive heat.
- Avoid oxidising agents.
- Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

- Skin
- Eyes
- Inhalation
- Ingestion

Potential effects:

- Skin irritation
- Skin sensitisation



- Eye irritation
 - Aspiration hazard
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SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic organisms with long-lasting effects.
 - Avoid uncontrolled environmental release.
 - Prevent contamination of waterways.
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and contaminated packaging through an authorised waste disposal contractor in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

Item	Representative Information
UN Number	UN1993
Proper Shipping Name	Flammable Liquid, N.O.S. (contains Litsea Cubeba Oil)
Transport Class	3
Packing Group	III

Transport information should always be verified using the manufacturer's current Safety Data Sheet.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878
- Regulation (EC) No. 1223/2009
- United Nations Globally Harmonized System (GHS)



SECTION 16: OTHER INFORMATION

Item	Details
Document Type	Material Safety Data Sheet (MSDS)
Version	1.0
Issue Date	20 July 2026

Disclaimer

This MSDS provides representative safety information for Litsea Cubeba Essential Oil. As a natural essential oil, composition varies according to botanical origin, harvest and distillation conditions. The original manufacturer's Safety Data Sheet and Certificate of Analysis shall always take precedence.

Authorised by:
Fozia Khot
Director