

Litsea cubeba essential oil

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product form : Substance
Substance name : Litsea Cubeba Oil
CAS No : 68855-99-2

1.2. Recommended use and restrictions on use

Recommended use : Ingredients used in Flavors and Fragrances.

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
www.camdengrey.com

1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin corrosion/irritation, Category 2	Causes skin irritation
Serious eye damage/eye irritation, Category 2A	Causes serious eye irritation
Sensitisation — Skin, category 1	May cause an allergic skin reaction
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways
Hazardous to the aquatic environment — Chronic Hazard, Category 2	Toxic to aquatic life with long lasting effects

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

May be fatal if swallowed and enters airways
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
Toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

Avoid breathing dust/fume/gas/mist/vapours/spray
Wash ... thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection
If swallowed: Immediately call a poison center/doctor/...
If on skin: Wash with plenty of water/...
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Specific treatment (see ... on this label)
Do NOT induce vomiting
If skin irritation occurs: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
If eye irritation persists: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
Wash contaminated clothing before reuse

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Collect spillage
Store locked up
Dispose of contents/container to ...

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Name : Litsea Cubeba Oil
CAS No : 68855-99-2

Name	Product identifier	%	GHS-US classification
CITRAL	(CAS No) 5392-40-5	50 - 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317
DL-LIMONENE (RACEMIC)	(CAS No) 138-86-3	10 - 25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hydrocarbons		2.5 - 10	Asp. Tox. 1, H304

Full text of classification categories and H statements : see section 16

3.2. Mixture

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : NEVER induce swallowing in an unconscious person.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital. Watch out for any remaining product between skin and clothing, watches, shoes, etc. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Wash thoroughly with soft, clean water for 15 minutes holding eye lids open. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not give patient anything orally. If swallowed, seek medical advice immediately and show this container or label. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with lukewarm water and consult a doctor.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/injuries after skin contact : May cause irreversible damage to skin: namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Symptoms/injuries after ingestion : Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : ABC-powder. BC-powder. Carbon dioxide. Foam. Water spray.

Unsuitable extinguishing media : Water. Water Jet.

5.2. Specific hazards arising from the chemical

Fire hazard : A fire will often produce a thick black smoke. Do not breathe smoke.

Reactivity : In the event of a fire, carbon dioxide may be formed. In the event of a fire, carbon monoxide can be formed.

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5.3. Special protective equipment and precautions for fire-fighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.

6.2. Environmental precautions

Do not allow to enter drains or water courses. Contain and collect spillages with non-combustible absorbent materials, e.g.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up with detergents. Do not use solvents or thinners.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wash hands immediately after handling the product. Prevent access by unauthorized personnel. Do not eat, drink or smoke when using this product. Do not breathe vapours.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Always keep in packaging made of an identical material to the original. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CITRAL (5392-40-5)

Not applicable

DL-LIMONENE (RACEMIC) (138-86-3)

Not applicable

Hydrocarbons

Not applicable

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Protective goggles.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Appearance	: Liquid.
Colour	: Yellow to brown yellow
Odour	: characteristic Fresh
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: ≥ 65 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.88 - 0.892
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

In the event of a fire, carbon dioxide may be formed. In the event of a fire, carbon monoxide can be formed.

10.2. Chemical stability

Stable under normal conditions of use. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

humid air.

10.5. Incompatible materials

Water.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/injuries after skin contact	: May cause irreversible damage to skin: namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.
Symptoms/injuries after ingestion	: Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Do not allow into drains or water courses. Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.
GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Do not allow into drains or water courses. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Product/Packaging disposal recommendations : Empty container completely. Keep label on container. Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated

TDG

Not regulated

Transport by sea

Transport document description (IMDG) : UN 3082 UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (dl-limonene (racemic)), 9, III
UN-No. (IMDG) : 3082
Proper Shipping Name (IMDG) : UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (dl-limonene (racemic))
Class (IMDG) : 9 - Miscellaneous dangerous substances and articles
Packing group (IMDG) : III - substances presenting low danger

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Marine pollutant : Yes



Air transport

Transport document description (IATA) : UN 3082 UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dl-limonene (racemic)), 9, III
UN-No. (IATA) : 3082
Proper Shipping Name (IATA) : UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dl-limonene (racemic))
Class (IATA) : 9 - Miscellaneous Dangerous Goods
Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Full text of H-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
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.