



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdwn Industrial Park, Clovelly Road,
Bideford, Devon, EX39 3DX, United Kingdom




Email: enquiries@thesoapkitchen.co.uk
Call: +44 (0) 1237 420 872

MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Litsea Cubeba Oil WHC186				
Biological Definition	Litsea Cubeba Fruit Oil is the volatile oil obtained from the berries of the Litsea cubeba, Lauraceae				
INCI Name	Litsea Cubeba Fruit Oil				
Synonyms & Trade Names	Litsea Cubeba ext. May Chang Oil				
Supplier	The Soap Kitchen, Unit 8 Caddsdwn Industrial Park Clovelly Road, Bideford, EX39 3DX Emergency Tel No: 01237 420872				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	68855-99-2 / 90063-59-5	EC No.	290-018-7	EINECS No.	290-018-7

02. HAZARDS IDENTIFICATION

Classification (1999/45)	<u>Human health</u> May be fatal if swallowed and enters airways. The product is irritating to eyes and skin. <u>Environment</u> The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Hydrocarbon Content 19%		
Classification (EC 1272/2008)	Physical and Chemical Hazards: Not classified. Human health: Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; Asp. Tox. 1 - H304 Environment: Aquatic Chronic 2 - H411		
Label in accordance with (EC) No 1272/2008	 GHS08	 GHS07	 GHS09
Signal Word	Danger		
Contains	Geranial, Neral, (S)-p-mentha-1,8-diene, (+)-Citronellal, Sabinene, 1, 8 cineole, 1,α(-)-Pinene, Geraniol, Nerol, β-(+)-Citronellol		
Hazard Statements	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	P273 Avoid release to the environment.		

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	<p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P331 Do NOT induce vomiting</p>
Supplementary Precautionary Statements	<p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

Geranial CAS-No: 141-27-5 EC No: 205-476-5 Classification (EC 1272/2008); Skin Irrit. 2 - H315, Skin Sens. 1 - H317	24.84 – 43.0%
Neral CAS-No: 106-26-3 EC No: 203-379-2 Classification (EC 1272/2008); Skin Irrit. 2 - H315, Skin Sens. 1 - H317	20.24 - 35.0%
(S)-p-mentha-1,8-diene CAS-No: 5989-54-8 EC No: 227-815-6 Classification (EC 1272/2008); M factor (Acute) = 1, M factor (Chronic) = 1 Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317 Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	2.3 – 18.0%
(+)-Citronellal CAS-No: 2385-77-5 EC No: 219-194-5 Classification (EC 1272/2008); Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317	0.01 - 7.0%
Sabinene CAS-No: 3387-41-5 EC No: 222-212-4 Classification (EC 1272/2008); M factor (Acute) = 1 Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319 Skin Sens. 1 - H317, STOT SE 3 - H335, Aquatic Acute 1 - H400	0.2 - 2.0%

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7-methyl-3-methylenoocta-1,6-diene	0.74 - 1.8%
CAS-No: 123-35-3 EC No: 204-622-5	
Classification (EC 1272/2008); Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319 Asp. Tox. 1 - H304	
Verbenol	0.01 - 2.2%
CAS-No: 473-67-6 EC No: 207-470-8	
Classification (EC 1272/2008); Skin Irrit. 2 - H315	
1, 8 cineole	0.31 - 1.7%
CAS-No:470-82-6 EC No: 207-431-5	
Classification (EC 1272/2008); Flam. Liq. 3 - H226, Skin Sens. 1B - H317	
1,α(-)-Pinene	1.0 - 5.0%
CAS-No:7785-26-4 EC No: 232-077-3	
Classification (EC 1272/2008); M factor (Chronic) = 1 Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319 Skin Sens. 1 - H317, STOT SE 3 - H335, Aquatic Chronic 1 - H410	
Geraniol	0.01 - 2.9%
CAS-No:106-24-1 EC No: 203-377-1	
Classification (EC 1272/2008); Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1 - H317	
6-Methyl-5-hepten-2-one	0.01 - 5.0%
CAS-No:110-93-0 EC No: 203-816-7	
Classification (EC 1272/2008); Flam. Liq. 3 - H226	
Linalool	0.01 - 3.3%
CAS-No:126-91-0 EC No: 204-811-2	
Classification (EC 1272/2008); Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335	
Beta Caryophyllene	0.01 - 3.0%
CAS-No: 87-44-5 EC No: 201-746-1	
Classification (EC 1272/2008); Asp. Tox. 1 - H304	
Nerol	0.18 - 1.2%
CAS-No: 106-25-2 EC No: 203-378-7	
Classification (EC 1272/2008); Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	
β-(+)-Citronellol	0.01 - 1.5%
CAS-No: 1117-61-9 EC No: 214-250-5	
Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317	

04. FIRST AID MEASURES

General Information	No additional data available.
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.

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Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye Contact	Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

05. FIRE-FIGHTING MEASURES

Extinguishing Media	Use as appropriate: Carbon dioxide (CO ₂), Foam, dry chemical powder.
Special Fire Fighting Procedures	Special Fire Fighting Procedures Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water. Protective equipment for fire-fighters Use protective equipment appropriate for surrounding materials
Specific Hazards	In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO ₂), smoke, soot.
Protective Measures in Fire	No additional data

06. ACCIDENTAL RELEASE MEASURES




Personal Precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes. Avoid inhalation of vapours.
Environmental Precautions	Do not discharge into drains, water courses or onto the ground.
Spill Clean Up Methods	Cover with inert, inorganic, non-combustible material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines.

07. HANDLING AND STORAGE

Usage Precautions	Avoid contact with skin and eyes. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only in well ventilated areas.
Storage Precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	  
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn
Hand Protection	To protect hands from chemicals, gloves should comply with European Standard EN374.
Eye Protection	Personal protective equipment for eye and face protection should comply with European Standard EN166.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile Liquid, pale yellow to yellow.
Colour	Pale yellow to yellow.
Odour	Characteristic.
Relative Density	0.882 - 0.905 @ 25°C
Flash Point (°C)	REACH dossier information. 68.3±1°C CC (Closed cup).
Refractive Index	1.475 - 1.490 @ 20°C
Melting Point (°C)	REACH dossier information. Litsea Cubeba Oil is a mobile liquid at 20°C and a mobile liquid after 2 days at -20°C. Therefore, it was concluded that the melting point of Litsea Cubeba Oil is <-20°C.
Boiling Point (°C)	REACH dossier information. 83 ± 10°C @ 1013 hPa
Vapour Pressure	REACH dossier information. 60.69 Pa @ 25°C
Solubility in Water @20°C	REACH dossier information. The range of water solubilities of the known constituents of Litsea Cubeba oil was found to be 0.5 - 4364 mg/l at 25°C
Auto-ignition temperature (°C)	No additional data available.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Keep away from heat, sparks and open flame.

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Materials to Avoid	Strong acids. Strong alkalis. Strong oxidising agents.
Hazardous Decomposition Products	Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.

11. TOXOLOGICAL INFORMATION

Acute Toxicity	No additional data available.
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Acute toxicity - fish LL ₅₀ , 96 hour: 4.2 mg/l, <i>Onchorhynchus mykiss</i> (Rainbow trout) Acute toxicity – aquatic invertebrates EL50, 48 hours: 4.2 mg/l, <i>Daphnia magna</i>
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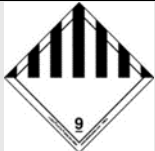

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Mobility	No additional data available.
Persistence & Biodegradability	Expected to be readily biodegradable.
Bioaccumulation Potential	Partition coefficient REACH dossier information. The log Kow range of Litsea Cubeba oil constituents was found to be 2.06 - 6.3. 16.90% of the constituents has a log Kow ≥ 4
PBT Assessment Results	No additional data available.
Precautions	No additional data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	General information Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION

Warning Icon	 
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
UN No. Road	3082
ADR Class	9
Hazard No (ADR)	90
Hazchem Code	•3Z
UN No. SEA	3082
IMDG Class	9
IMDG Pack Gr.	III

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EMS	F-A-S-F
UN No. AIR	3082
Air Class	9
Air Pack Gr.	III

15. REGULATORY INFORMATION

EU Directives	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 (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Statutory Instruments	-
Approved Code of Practice	-
Guidance Notes	CHIP for everyone HSG228.

16. OTHER INFORMATION

Revision Date	03.05.2018
Rev No/Repl, SDS Generated	4
Risk Phrases in Full	-
Hazard Statements in Full	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. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory 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.

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Other Information	-
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DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.