



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdow 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

1.1 Product Identifier					
Product Name		Cinnamon Leaf Oil Organic.			
Biological Definition		"Cinnamon Leaf Oil Ceylon". Cinnamomum Zeylanicum Leaf Oil is the volatile oil obtained from the leaves of the Ceylon Cinnamon, <i>Cinnamomum zeylanicum</i> , Lauraceae.			
INCI Name		Cinnamomum Zeylanicum Leaf Oil.			
Synonyms & Trade Names		-			
CAS-No	84649-98-9	EC No.	283-479-0	EINECS No.	283-479-0
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for use in cosmetics, fragrances, flavourings and professional applications only.					
1.3 Details of the supplier of the safety data sheet					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture		
The full text for all hazard statements is displayed in section 16.		
Classification (EC 1272/2008)		
Physical hazards:	Not classified	
Health hazards:	Skin Sens. 1B-H317, Eye Irrit. 2-H319, Muta. 2- H341, Carc. 1B-H350	
Environmental hazards:	Aquatic Chronic 2-H411	
2.2 Label Elements		
Label in accordance with (EC) No 1272/2008		
GHS08	GHS07	GHS09
Signal Word	Danger	
Contains	Safrole	
Hazard Statements		
H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H341 Suspected of causing genetic defects.		

MATERIAL SAFETY DATA SHEET

H350 May cause cancer.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and 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.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents in accordance with local, state or national legislation.

Supplementary Precautionary Statements

P264 Wash hands and exposed skin thoroughly after handling.

2.3 Other Hazards

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

3.1 Substances

< 83.0% Eugenol

CAS: 97-53-0 EC: 202-589-1
Classification (EC 1272/2008)
- Skin Sens. 1B - H317
- Eye Irrit. 2 - H319

< 4.0% Benzyl Benzoate

CAS: 120-51-4 EC: 204-402-9
Classification (EC 1272/2008)
- Acute Tox. 4- H302
- Aquatic Chronic 2 - H411

1.0 – 10.0% Caryophyllene

CAS: 87-44-5 EC: 201-746-1
Classification (EC 1272/2008)
- Asp. Tox. 1 - H304
- Skin Sens. 1B - H317
- Aquatic Chronic 4 - H413

< 3.1% Linalool

CAS: 78-70-6 EC: 201-134-4
Classification (EC 1272/2008)
- Skin Irrit. 2 - H315
- Skin Sens. 1B - H317
- Eye Irrit. 2 - H31

1.0 – 10.0% Eugenyl Acetate

CAS: 93-28-7 EC: 202-235-6

MATERIAL SAFETY DATA SHEET

<p>Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Acute Tox. 4 - H302
<p>≤ 10.0% alpha-Phellandrene CAS: 99-83-2 EC: 202-792-5 Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Flam. Liq. 3 - H226 - Asp. Tox. 1 - H304
<p>≤ 10.0% alpha-Pinene CAS: 80-56-8 EC: 201-291-9 Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Flam. Liq. 3 - H226 - Acute Tox. 4 - H302 - Asp. Tox. 1 - H304 - Skin Irrit. 2 - H315 - Skin Sens. 1 - H317 - Aquatic Acute 1 - H400 - Aquatic Chronic 1 - H410
<p><1.8% Cinnamal (Cinnamic Aldehyde) CAS: 104-55-2 EC: 203-213-9 Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Acute Tox. 4 - H312 - Skin Irrit. 2 - H315 - Skin Sens. 1 - H317 - Eye Irrit. 2 - H319
<p><1.3% Safrole CAS: 94-59-7 EC: 202-345-4 Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Acute Tox. 4 - H302 - Muta. 2 - H341 - Carc. 1B - H350
<p><1.0% p-Cymene CAS: 99-87-6 EC: 202-796-7 Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Flam. Liq. 3 - H226 - Asp. Tox. 1 - H304 - Skin Irrit. 2 - H315 - Eye Irrit. 2 - H319 - STOT SE 3 - H335
<p><1.0% Camphene CAS: 79-92-5 EC: 201-234-8 Classification (EC 1272/2008)</p> <ul style="list-style-type: none"> - Flam. Sol. 1 - H228 - Eye Irrit. 2 - H319 - Aquatic Chronic 1 - H410
<p><1.0% beta-Pinene CAS: 127-91-3 EC: 204-872-5</p>

MATERIAL SAFETY DATA SHEET

Classification (EC 1272/2008)

- Flam. Liq. 3 - H226
- Asp. Tox. 1 - H304
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

<1.0% Myrcene

CAS: 123-35-3 EC: 204-622-5

Classification (EC 1272/2008)

- Flam. Liq. 3 - H226
- Asp. Tox. 1 - H304
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

<0.5 % d-Limonene

CAS: 5989-27-5 EC: 227-813-5

Classification (EC 1272/2008)

- Flam. Liq. 3 - H226
- Asp. Tox. 1 - H304
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

< 0.2% Isoeugenol

CAS: 97-54-1 EC: 202-590-7

Classification (EC 1272/2008)

- Acute Tox. 4- H302
- Acute Tox. 4- H312
- Skin Irrit. 2 - H315
- Skin Sens. 1- H317
- Eye Irrit. 2- H319

<0.1% Methyl Eugenol

CAS: 93-15-2 EC: 202-223-0

Classification (EC 1272/2008)

- Acute Tox. 4- H302
- Muta. 2- H341
- Carc. 2- H351

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapours or decomposition products.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.

MATERIAL SAFETY DATA SHEET

Skin Contact	IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least
4.2	Most important symptoms and effects, both acute and delayed
	No additional data available.
4.3	Indication of any immediate medical attention and special treatment needed
	Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1	Extinguishing Media
	Suitable Extinguishing Media Use. Dry chemical. Carbon dioxide (CO ₂). Water spray (fog). Alcohol resistant foam. Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.
5.2	Special hazards arising from the product
	Combustible material Keep product and empty container away from heat and sources of ignition Risk of ignition dioxide (CO ₂).
5.3	Advice for firefighters
	Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

06. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures
	Personal precautions. Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges. For emergency responders. Use personal protection recommended in Section 8.
6.2	Environmental Precautions
	Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
6.3	Methods and material for containment and cleaning up.
	Prevent further leakage or spillage if safe to do so. Cover with DRY earth, DRY sand or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.

MATERIAL SAFETY DATA SHEET

Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labelled containers. Take precautionary measures against static discharges.

6.4 Reference to other sections

Section 8 - Exposure controls/personal protection for further information on personal precautions
Section 13 - Disposal Considerations for further information on waste treatment.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in a well ventilated area away from sources of ignition in accordance with good occupational hygiene and safety practices. NO SMOKING.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store in a well-ventilated place. Keep cool. Protect from sunlight. Keep away from heat. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data available.

8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station, showers.
Engineering Measures	Ventilation systems. Ensure adequate ventilation, especially in confined areas.
Respiratory Equipment	Ensure area is well ventilated. Avoid vapour inhalation.
Hand Protection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides in accordance with standard EN166.
Other Protection	Avoid contact with skin and eyes.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Avoid contact with skin and eyes.
Skin Protection	Avoid skin contact. Wear suitable protective clothing.
Environmental Exposure Controls	Prevent product from entering drains.

MATERIAL SAFETY DATA SHEET

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Limpid liquid, yellow brown to dark brown.
Colour	Yellow brown to dark brown.
Odour	Characteristic – spicy, sweet.
Relative Density	Approx. 1.040 @20°C
Flash Point (°C)	88.0
Refractive Index	Approx. 1.555 @20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble.
Auto-ignition temperature (°C)	No additional data available.

9.2 Other information

Hydrocarbon content < 10%

10. STABILITY AND REACTIVITY

10.1 Reactivity

No additional data available.

10.2 Chemical stability

Chemically stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Extremes of temperature and direct sunlight. Heat, flames and sparks.

10.5 Incompatible materials

No additional data available.

10.6 Hazardous Decomposition Products

None under normal use conditions.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	Not classified.
Skin corrosion / irritation	May cause an allergic reaction by skin contact.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Suspected of causing genetic defects.
Carcinogenicity	May cause cancer.

MATERIAL SAFETY DATA SHEET

Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	Not classified.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1	Toxicity
	Toxic to aquatic life with long lasting effects.
12.2	Persistence & degradability
	No additional data available.
12.3	Bioaccumulation Potential
	No additional data available.
12.4	Mobility in soil
	No additional data available.
12.5	Results of PBT and vPvB Assessment
	No additional data available.
12.6	Other adverse effects
	Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods
	<p>Do not pour into drains or waterways.</p> <p><u>Waste:</u> 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. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.</p> <p><u>Soiled packaging:</u> Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.</p>

14. TRANSPORT INFORMATION

14.1	UN number
UN No. Road	UN3082
UN No. SEA	UN3082
UN No. AIR	UN3082
14.2	UN proper shipping name
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.

MATERIAL SAFETY DATA SHEET

14.3 Transport hazard class(es)

ADR/RID/ADN Class 9

IMDG Class 9

ICAO Class/Division 9

Transport Labels



14.4 Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6 Special precautions for user

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

No additional data available.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code of Practise

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

CHIP for everyone HSG(108). Workplace Exposure Limits EH40

EU Legislation

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

MATERIAL SAFETY DATA SHEET

No additional data available.

16. OTHER INFORMATION

Hazard in Full	H226 Flammable liquid and vapour. H228 Flammable solid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H351 Suspected of causing cancer. 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. H413 May cause long lasting harmful effects to aquatic life.
Revision Date	05/12/2019
Rev No/Repl, SDS Generated	2

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.