



Safety Data Sheet

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

1.1 Product Identifier

Product Name		Ylang Ylang Oil Extra			
Biological Definition		Cananga Odorata Flower Oil is the oil obtained from the flower, <i>cananga odorata</i> , <i>Anonaceae</i> .			
INCI Name		Cananga Odorata Flower Oil			
Synonyms & Trade Names		-			
CAS-No	83863-30-3 / 8006-81-3 / 68606-83-7	EC No.	281-092-1 /-/-	EINECS No.	281-092-1 /-/-

1.2 Relative identified uses of the substance or mixture and uses advised against

Concentrated material for manufacturing purposes only.

1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

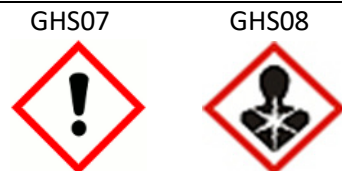
The Full Text for all Hazard Statements is displayed in Section 16.

Classification (EC 1272/2008)

Physical and Chemical hazards	Not classified.
Human Health:	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Repr. 2 - H361d Asp. Tox. 1 - H304
Environment:	Not classified.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008



Signal Word

Danger.

Contains

BENZYL SALICYLATE , GERANYL ACETATE, FARNESOL, GERANIOL, LIMONENE

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. H361d Suspected of damaging the unborn child.	
Precautionary Statements	
<p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</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>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p>	
Supplementary Precautionary Statements	
<p>P201 Obtain special instructions before use.</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>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/attention.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P331 Do NOT induce vomiting.</p> <p>P332+P313 If skin irritation 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>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>	
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

3.2 Mixtures		
15.0 – 32.0% Beta Caryophyllene	CAS-No.: 87-44-5	EC No.: 201-746-1
Classification (EC 1272/2008) Asp. Tox. 1 - H304		
15.0 – 28.0% BENZYL BENZOATE	CAS-No.: 120-51-4	EC No.: 204-402-9
Classification (EC 1272/2008) M Factor (Acute) = 1, Acute Tox. 4 - H302, Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411		
5.0 – 10.0% GERANYL ACETATE	CAS-No.: 105-87-3	EC No.: 203-341-5
Classification (EC 1272/2008): Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Chronic 2 - H411		
5.0 – 10.0% P-CRESYL METHYLETHER	CAS-No.: 104-93-8	EC No.: 203-253-7
Classification (EC 1272/2008): Flam. Liq. 3 - H226, Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Repr. 2 - H361, Aquatic Chronic 3 - H412		
5.0 – 10.0% Linalool	CAS-No.: 78-70-6	EC No.: 201-134-4
Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319		

5.0 – 10.0% BENZYL SALICYLATE	CAS-No.: 118-58-1	EC No.: 204-262-9
Classification (EC 1272/2008): Eye Irrit. 2 - H319, Skin Sens. 1B - H317, STOT RE 2 - H373, Aquatic Chronic 3 - H412		
1.0 – 5.0% METHYL BENZOATE	CAS-No.: 93-58-3	EC No.: 202-259-7
Classification (EC 1272/2008): Acute Tox. 4 - H302		
1.0 – 5.0% Geraniol	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		
1.0 – 5.0% FARNESOL	CAS-No.: 4602-84-0	EC No.: 225-004-1
Classification (EC 1272/2008): Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317		
< 1.0% LIMONENE	CAS-No.: 138-86-3	EC No.: 205-341-0
Classification (EC 1272/2008) Flam. Liq. 3 - H226, skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, aquatic Acute 1 - H400, Aquatic Chronic 1 - H410		

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove victim immediately from source of exposure to fresh air. Seek medical attention if discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye Contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
4.2 Most important symptoms and effects, both acute and delayed	
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.	
4.3 Indication of any immediate medical attention and special treatment needed	
Notes for the doctor :	No specific recommendations.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguishing media:	Foam, carbon dioxide or dry powder.
Unsuitable extinguishing media:	Water
5.2 Special hazards arising from the product	
Toxic gases or vapours may be formed.	
5.3 Advice for firefighters	

Containers close to fire should be removed or cooled with water. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up.

Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

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.
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Engineering Measures	Provide adequate ventilation.
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Respiratory Equipment	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
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Hand Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
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Eye Protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
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Other Protection	Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Take suitable precautions to avoid inhalation and contact with skin and eyes.
Skin Protection	Wear protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid, yellow.
Colour	Yellow.
Odour	Characteristic.
Relative Density	0.906 - 0.976 @ 20°C
Flash Point (°C)	87
Refractive Index	1.490 - 1.510 @ 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	No additional data available.
Auto-ignition temperature (°C)	No additional data available.

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under the recommended handling and storage conditions.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

Will not polymerise.

10.4 Conditions to Avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Avoid strong acids, alkali or oxidising agents.

10.6 Hazardous Decomposition Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	Acute toxicity – oral ATE oral (mg/kg) 4,496.49
	Toxicological information on ingredients. BENZYL BENZOATE
	Acute toxicity – oral Acute toxicity oral (LD ₅₀ mg/kg) 1,500.0

	Species Mouse ATE oral (mg/kg) 1,500.0 Acute toxicity – dermal Acute toxicity dermal (LD ₅₀ mg/kg) 4,000.0 Species Rabbit ATE dermal (mg/kg) 4,000.0 P-CRESYL METHYLETHER Acute toxicity – oral Acute toxicity oral (LD ₅₀ mg/kg) 1,920.0 Species Rat ATE oral (mg/kg) 1,920.0 METHYL BENZOATE Acute toxicity – oral Acute toxicity oral (LD ₅₀ mg/kg) 1,625.0 Species Rat
Skin corrosion / irritation	Causes skin irritation. May cause an allergic skin reaction.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Ingestion: May be fatal if swallowed and enters airways.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	Suspected of damaging the unborn child.
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

12.1 Toxicity

The product is not expected to be hazardous to the environment.

BENZYL BENZOATE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

12.2 Persistence & degradability

The product contains substances which are not expected to be biodegradable.

12.3 Bioaccumulation Potential

The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

The product is insoluble in water.

12.5 Results of PBT and vPvB Assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways. Water hazard class 2.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of waste product or used containers in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.
14.2 UN proper shipping name	
Not bound by transport regulations.	
14.3 Transport hazard class(es)	
Not bound by transport regulations.	
14.4 Packing group	
Not bound by transport regulations.	
14.5 Environmental hazards	
Not applicable.	
14.6 Special precautions for user	
Not bound by transport regulations.	
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	
<u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). <u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108). <u>EU Legislation</u> 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	
No additional information available.	

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. 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. H361 Suspected of damaging fertility or the unborn child. H361d Suspected of damaging the unborn child. H373 May cause damage to organs (Spleen) through prolonged or repeated exposure if swallowed. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
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	H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Other Information	None
Revision Date	August 19, 2016
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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