



Safety Data Sheet

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

1.1 Product Identifier

Name	Ylang Ylang Oil Complete.				
Biological Definition	Obtained by the complete distillation of the flowers of <i>Cananga odorata</i> (DC) Hook f. et Thoms subsp. <i>genuina</i> (Fam. Anonaceae).				
INCI Name	Cananga Odorata Flower Oil				
Synonyms & Trade Names	Ylang Ylang Complete				
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

No additional data available.

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 are displayed in Section 16.

Human health

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Environment

Harmful to aquatic life with long lasting effects.

Classification (EC 1272/2008)

H302 Harmful if swallowed.

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.

H412 Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS08



GHS07



Signal Word	Danger.
Contains	b-Caryophyllene.
Hazard Statements	
<p>H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.</p>	
Precautionary Statements	
<p>P501 Dispose of contents in accordance with local, state or national legislation. P26: Avoid breathing dust/fume/gas/mist/vapours/spray. P321 Specific treatment (see Medical Advice on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing. And wash it before reuse. P302+P352 IF ON SKIN: Wash with plenty of water. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P273 Avoid release to the environment.</p>	
Supplementary Precautionary Statements	
<p>P264 Wash hands and exposed skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P330 Rinse mouth. P301+P312: IF SWALLOWED Call a POISON CENTER/doctor if you feel unwell. P405 Store locked up. P332+P313 If skin irritation occurs: Get medical advice/attention.</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
<p><19.0% Benzyl Benzoate CAS No: 120-51-4 EC No: 204-402-9</p> <p>Classification (EC 1272/2008) Acute Tox. 4 - H302, Aquatic Chronic 2 - H411</p>
<p><11.0% b-Caryophyllene CAS No: 87-44-5 EC No: 201-746-1</p> <p>Classification (EC 1272/2008) Asp. Tox. 1 – H304</p>
<p><10.0% Linalool CAS No: 78-70-6 EC No: 201-134-4</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 – H319</p>
<p><10.0% Benzyl Acetate CAS No: 140-11-4 EC No: 205-399-7</p> <p>Classification (EC 1272/2008) Aquatic Chronic 3 – H412</p>

<p>< 8.0% Benzyl Salicylate CAS No: 118-58-1 EC No: 204-262-9</p> <p>Classification (EC 1272/2008) Skin Sens. 1 - H317, Aquatic Chronic 3 – H412</p>
<p><3.0% Methyl Benzoate CAS No: 93-58-3 EC No: 202-259-7</p> <p>Classification (EC 1272/2008) Acute Tox. 4 - H302</p>
<p><3.0 Eugenol% CAS No: 97-53-0 EC No: 202-589-1</p> <p>Classification (EC 1272/2008) Skin Sens. 1B – H317, Eye Irrit. 2 – H319</p>
<p><3.0 Geranyl Acetate % CAS No: 105-87-3 EC No: 203-341-5</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic Chronic 3 H412</p>
<p><1.5% Farnesol CAS No: 4602-84-0 EC No: 225-004-1</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317</p>
<p><1.5% P-Cresyl Methyl Ether CAS No: 104-93-8 EC No: 203-253-7</p> <p>Classification (EC 1272/2008) Flam. Liq. 3 – H226, Acute Tox. 4 - H302, Skin Irrit. 2 -H315, Repr. 2 – H361, Aquatic Chronic 3, H412</p>
<p><1.0% Geraniol CA-No: 106-24-1 EC No: 203-377-1</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Dam. 1 - H318,</p>
<p><0.5% Isoeugenol CAS No: 97-54-1 EC No: 202-590-7</p> <p>Classification (EC 1272/2008) Acute Tox. 4 - H302, Acute Tox. 4 -H312, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; Skin Sens. 1 -H317</p>
<p><0.5% Limonene CAS No: 5989-27-5 EC No: 227-813-5</p> <p>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</p>
<p><0.30% Benzyl Cinnamate CAS No: 103-41-3 EC No: 203-109-3</p> <p>Classification (EC 1272/2008) Skin Sens. 1 – H317, Aquatic Chronic 2 – H411</p>
<p><0.20% Citronellol CAS No: 106-22-9 EC No: 203-375-0</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic Chronic 2 – H411</p>
<p><0.15% Benzyl Alcohol CAS No:100-51-6 EC No: 202-859-9</p> <p>Classification (EC 1272/2008) Acute Tox. 4 – H302, Eye Irrit. 2 – H319, Acute Tox. 4 – H332</p>

<0.15% Methyl Eugenol CAS No: 93-15-2 EC No: 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	Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
Ingestion	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Exhaustion and weakness. Upper respiratory irritation.

Ingestion: May cause discomfort if swallowed.

Skin Contact: Skin Irritation.

Eye contact: Irritation of eyes and mucous membranes.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing agents: Alcohol resistant foam, Carbon dioxide, Dry chemical, Water fog.

5.2 Special hazards arising from the product

Emits toxic fumes under fire conditions.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear necessary protective equipment. Avoid contact with eyes and skin.

6.2 Environmental Precautions

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up.

Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

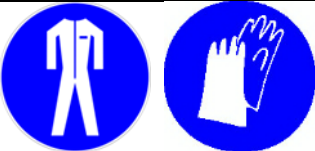
See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Usual safety precautions should be observed to ensure safe handling. Ensure good ventilation/exhaustion at the workplace. Avoid spillage. Avoid contact with eyes and skin.
7.2 Conditions for safe storage, including any incompatibilities
Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light. Stock according to local / national regulations and always follow the precautions indicated on labels.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles.
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.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or 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	Mobile liquid.
Colour	Yellow to brown yellow.
Odour	Characteristic.
Relative Density	0.904 - 0.955 @ 20°C
Flash Point (°C)	87
Refractive Index	1.490 - 1.520 @ 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 in water.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
No dangerous reactions known.	
10.2 Chemical stability	
Stable under recommended storage and handling conditions (See section 7).	
10.3 Possible hazardous reactions	
No dangerous reactions known.	
10.4 Conditions to Avoid	
Avoid heat, flames and other sources of ignition.	
10.5 Incompatible materials	
Strong oxidizers.	
10.6 Hazardous Decomposition Products	
Fire or high temperatures create: Toxic gases/vapours Carbon monoxide Carbon dioxide Nitrogen oxides (NOx).	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Harmful if swallowed
Skin corrosion / irritation	Causes skin irritation. May cause an allergic skin reaction
Serious eye damage / irritation	Causes serious eye irritation.
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	May be fatal if swallowed and enters airways.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Harmful to aquatic life with long lasting effects.	
12.2 Persistence & degradability	
No additional data available.	

12.3 Bioaccumulation Potential
Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
12.4 Mobility in soil
Mobility: The product is insoluble in water.
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
General information Do not re-use empty containers. Empty residue into a suitable disposal site. Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number
UN No. Road Not regulated.
UN No. SEA Not regulated.
UN No. AIR Not regulated.
14.2 UN proper shipping name
None.
14.3 Transport hazard class(es)
ADR/RID/ADN Not Regulated. IMDG Not Regulated. ICAO Not regulated.
14.4 Packing group
ADR/RID/ADN Packing group – Not regulated. IMDG Packing group – Not regulated. ICAO Packing group – Not regulated.
14.5 Environmental hazards
Not hazardous.
14.6 Special precautions for user
None.
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). Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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

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. H332 Harmful if inhaled. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects H412 Harmful to aquatic life with long lasting effects.
Other Information	None.
Revision Date	January 23, 2017
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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