



Essential Oils, Skincare & Aromatherapy Products

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Ylang Ylang Essential Oil

SUPPLIER: Celtic Tree Oils, Carlingford, Co. Louth, Ireland, A91 D86V

PRODUCT NUMBER: 54

CAS NUMBER: 83863-30-3 / 8006-81-3 / 68606-83-7

EC NUMBER: 281-092-1

INCI: Cananga Odorata Flower Oil

IDENTIFIED USES: No additional data available.

BIOLOGICAL DEFINITION: Obtained by the complete distillation of the flowers of *Cananga odorata* (DC) Hook f. et Thoms subsp. *genuina* (Fam. Anonaceae).

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 83863-30-3 / 8006-81-3 / 68606-83-7

EC: 281-092-1

CLASSIFICATION (EC 1272/2008)

PHYSICAL HAZARDS:

Not Classified

HEALTH HAZARDS:

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.

ENVIRONMENTAL HAZARDS:

H412 Harmful to aquatic life with long lasting effects.

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

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.

PRECAUTIONARY STATEMENTS: 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.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS 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.

CONTAINS: b-Caryophyllene

3: COMPOSITION/INFORMATION ON INGREDIENTS

<19.0% Benzyl Benzoate	
CAS NUMBER: 120-51-4	EC NUMBER: 204-402-9
CLASSIFICATION (EC 1272/2008):	Acute Tox. 4 - H302 Aquatic Chronic 2 - H411
<11.0% b-Caryophyllene	
CAS NUMBER: 87-44-5	EC NUMBER: 201-746-1
CLASSIFICATION (EC 1272/2008):	Asp. Tox. 1 – H304
<10.0% Linalool	
CAS NUMBER: 78-70-6	EC NUMBER: 201-134-4
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 - H315 Eye Irrit. 2 – H319
<10.0% Benzyl Acetate	
CAS NUMBER: : 140-11-4	EC NUMBER: 205-399-7
CLASSIFICATION (EC 1272/2008):	Aquatic Chronic 3 – H412
< 8.0% Benzyl Salicylate	
CAS NUMBER: 118-58-1	EC NUMBER: 204-262-9
CLASSIFICATION (EC 1272/2008):	Skin Sens. 1 - H317 Aquatic Chronic 3 – H412

<3.0% Methyl Benzoate	
CAS NUMBER: 93-58-3	EC NUMBER: 202-259-7
CLASSIFICATION (EC 1272/2008):	Acute Tox. 4 - H302
<3.0 Eugenol%	
CAS NUMBER: 97-53-0	EC NUMBER: 202-589-1
CLASSIFICATION (EC 1272/2008):	Skin Sens. 1B – H317 Eye Irrit. 2 – H319
<3.0 Geranyl Acetate %	
CAS NUMBER: 105-87-3	EC NUMBER: 203-341-5
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Chronic 3 H412
<1.5% Farnesol	
CAS NUMBER: 4602-84-0	EC NUMBER: 225-004-1
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317
<1.5% P-Cresyl Methyl Ether	
CAS NUMBER: 104-93-8	EC NUMBER: 203-253-7
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 – H226 Acute Tox. 4 - H302 Skin Irrit. 2 -H315 Repr. 2 – H361 Aquatic Chronic 3, H412
<1.0% Geraniol	
CAS NUMBER: 106-24-1	EC NUMBER: 203-377-1
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Eye Dam. 1 - H318
<0.5% Isoeugenol	
CAS NUMBER: 97-54-1	EC NUMBER: 202-590-7
CLASSIFICATION (EC 1272/2008):	Acute Tox. 4 - H302 Acute Tox. 4 -H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 -H317
<0.5% Limonene	
CAS NUMBER: 5989-27-5	EC NUMBER: 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

<0.30% Benzyl Cinnamate	
CAS NUMBER: 103-41-3	EC NUMBER: 203-109-3
CLASSIFICATION (EC 1272/2008):	Skin Sens. 1 – H317 Aquatic Chronic 2 – H411
<0.20% Citronellol	
CAS NUMBER: 106-22-9	EC NUMBER: 203-375-0
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic Chronic 2 – H411
<0.15% Benzyl Alcohol	
CAS NUMBER: 100-51-6	EC NUMBER: 202-859-9
CLASSIFICATION (EC 1272/2008):	Acute Tox. 4 – H302 Eye Irrit. 2 – H319 Acute Tox. 4 – H332
<0.15% Methyl Eugenol	
CAS NUMBER: : 93-15-2	EC NUMBER: 202-223-0
CLASSIFICATION (EC 1272/2008):	Acute Tox. 4 - H302, Muta. 2 -H341, Carc. 2 H351

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4: 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.
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.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	Indication of any immediate medical attention and special treatment needed

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Alcohol resistant foam, Carbon dioxide, Dry chemical, Water fog.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	Emits toxic fumes under fire conditions.
ADVICE FOR FIREFIGHTERS	Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

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

ENVIRONMENT PRECAUTIONS:

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

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.

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.

7: HANDLING AND STORAGE

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.

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.

SPECIFIC END USE(S)

No additional data available.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

Provide adequate ventilation.

Provide eyewash station.

EYE/FACE PROTECTION:

Wear approved safety goggles.

HAND PROTECTION:

Chemical resistant gloves (PVC).

OTHER SKIN AND BODY PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

Wear apron or protective clothing in case of splashes.

Use personal protection according to Directive 89/686/EEC.

HYGIENE MEASURES:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

RESPIRATORY PROTECTION: For high concentrations use respiratory equipment.
ENVIRONMENTAL EXPOSURE CONTROLS: Avoid discharging into drainage water. Only eliminate by authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Mobile liquid.
COLOUR: Yellow to brown yellow.
ODOUR: Characteristic.
FLASH POINT °C: 87
SPECIFIC GRAVITY @ 20°C: 0.904 – 0.955
REFRACTIVE INDEX @ 20°C: 1.490 – 1.520
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.

10: STABILITY AND REACTIVITY

REACTIVITY: No dangerous reactions known.
CHEMICAL STABILITY Stable under recommended storage and handling conditions (See section 7).
POSSIBLE HAZARDOUS REACTIONS No dangerous reactions known.
CONDITIONS TO AVOID Avoid heat, flames and other sources of ignition
INCOMPATIBLE MATERIALS Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS Fire or high temperatures create:
Toxic gases/vapours
Carbon monoxide
Carbon dioxide
Nitrogen oxides (NOx).

11: TOXICOLOGICAL INFORMATION

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

ECOTOXICITY:	Harmful to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	No additional data available.
BIOACCUMULATIVE POTENTIAL:	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
MOBILITY IN SOIL:	The product is insoluble in water
RESULTS OF PBT AND VPVB ASSESSMENT:	No additional data available.
PRECAUTIONS:	Do not allow product to enter streams, sewers or other waterways.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Do not re-use empty containers. Empty residue into a suitable disposal site. Dispose of in compliance with all local and national regulations.
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14: TRANSPORT INFORMATION

UN No. ROAD:	Not regulated.
UN No. SEA:	Not regulated.
UN No. AIR:	Not regulated.
PROPER SHIPPING NAME:	None
TRANSPORT HAZARD CLASS(es):	Not regulated
PACKING GROUP:	Not regulated
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT:	Not hazardous.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	No additional data available.

15: REGULATORY INFORMATION

STATUTORY INSTRUMENTS	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
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.
GUIDANCE:	Workplace Exposure Limits EH40. CHIP for everyone HSG(108

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.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.