





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

Product Name	Ylang Ylang II Essential Oil				
Biological Definition	Obtained by distillation (and grading & separation of fractions by SG and odour) of the flowers of <i>Cananga odorata</i> (DC) Hook f. et Thoms subsp. <i>genuina</i> (Fam. Anonaceae).				
INCI Name	Cananga odorata macrophylla flower oil				
Botanical name	Cananga odorata				
Country of Origin	Madagascar				
Product use	Domestic and Industrial				
Synonyms & Trade Names	Cananga odorata (Lamarck) J.D. Hooker and Thomson				
Supplier	West Coast Aromatics, LLCs 2701 Conestoga Dr Unit# 106 Carson City NV 89706 Nevada, USA Tel:+1-775-387-3000				
Emergency phone number	24 hours emergency telephone number (CHEMTREC) : 800-424-9300				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA Number	3119/2232	CAS EINECS	93686-30-7	CoE Number	103
CAS Number	8006-81-3	EC Number	281-092-1	EINECS Number	281-092-1

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xn; R38-43-52/53-63-65, S24-36/37-62				
GHS: Classification (EC 1272/2008)	UN-GHS: FL 4, ATO 5(4400), AH 1, SCI 2, SS 1, EDI 2A, REP 2, EH A3,C3 EU-CLP: AH 1, SCI 2, SS 1, EDI 2, REP 2				
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	  GHS07 GHS08				
Signal Word	Danger				
Contains	Linalool, benzyl acetate, beta-caryophyllene, benzyl benzoate, p-cresyl methylether, benzyl salicylate, farnesol, geraniol, methyl benzoate, isoeugenol, eugenol.				
Hazard Statements	H227 Combustible liquid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H316 Causes mild skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H361 Suspected of damaging fertility or the unborn child. H401 Toxic to aquatic life. H412 Harmful to aquatic life with long-lasting effects.				
Precautionary Statements	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing dust/fumes/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.				




Precautionary Statements (Cont.)	<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>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.</p> <p>P362 Take off contaminated clothing.</p> <p>P391 Collect spillage.</p> <p>P403+P235 Store in a well ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container according to local regulations.</p> <p>P305/351/ 338 Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing</p>
Supplementary Precautionary Statements	No additional data available.
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	Combustible but will not self-ignite
Adverse effects on human health	May cause sensitization/irritation by skin contact..

03. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT CONTRIBUTING TO THE HAZARD	CONTENT
Beta caryophyllene (CAS : 87-44-5) 1999/45/CE : Xn;R65;S62 GHS : AH 1, SCI 3	~ 40 %
Benzyl benzoate (CAS : 120-51-4) 1999/45/CE : N;XN;R22;R51/53;S25;S46;S61 GHS : ATD 5 (40,000), ATO 4 (1,500), EH-A 1, EH-C 2	~ 7 %
Benzyl salicylate (CAS : 118-58-1) 1999/45/CE : N;Xi;R43;R51/53;S24;S37;S61 GHS : ATO 5 (2,200), EDI 2B, EH-A 2, EH-C 3, SS 1	~ 4 %
Farnesol (CAS : 4602-84-0) 1999/45/CE : Xi;R36/38;R43;S24;S26;S37 GHS : EDI 2A, SCI 2, SS 1	~ 3 %
Linalol (CAS : 78-70-6) 1999/45/CE : Xi;R38;S24;S37 GHS : ATO 5 (2,790), EDI 2A, EH-A 3, FL 4, SCI 2	~ 3 %
Benzyl acetate (CAS : 140-11-4) 1999/45/CE : -; GHS : ATO 5 (2,490), EH-A 2, FL 4, SCI 3	~ 2 %
Para cresyl methyl ether (CAS : 104-93-8) 1999/45/CE : Xn;R10;R22;R38;R52/53;R63;S36;S61 GHS : ATO 4 (1,900), EH-A 3, EH-C 3, FL 3, REP 2, SCI 2	~ 1 %
Methyl benzoate (CAS : 93-58-3) 1999/45/CE : Xn;R22; GHS : ATO 4 (1,300), FL 4, SCI 3	~ 1 %
Geraniol (CAS : 106-24-1) 1999/45/CE : Xi;R38;R41;R43;S24;S26;S37;S39 GHS : ATO 5 (4,200), EDI 1, EH-A 2, SCI 2, SS 1	~ 1 %
Isoeugenol (CAS : 97-54-1) 1999/45/CE : Xn;R21/22;R36/38;R43;S24/25;S26;S36/37 GHS : ATD 4 (1,900), ATO 4 (1,500), EDI 2A, EH-A 2, SCI 2, SS 1	~ 0.5 %
Eugenol (CAS : 97-53-0) 1999/45/CE : Xi;R36;R43;S24;S37 GHS : ATO 5 (2,300), EDI 2A, EH-A 2, SCI 3, SS 1	~ 0.5 %



04. FIRST AID MEASURES	
General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.
05. FIRE-FIGHTING MEASURES	
Extinguishing Media	Use CO ₂ , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapors. Use breathing apparatus with independent air supply
Specific Hazards	In case of fire formation of dangerous gases possible.
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray
06. ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.
07. HANDLING AND STORAGE	
Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
08. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Protective Equipment	 <p>Goggles Gloves Overalls</p>
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapor.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling



09. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Mobile liquid
Color	Pale yellow to dark yellow
Odor	Exotic sweet floral
Specific Gravity	0.930 - 0.949 d20/20
Flash Point (°C)	87 c/c
Refractive Index	1.474 to 1.488 @ 20°C
Melting Point (°C)	Not available
Boiling Point (°C)	264 @ 760 mm Hg
Vapor Pressure	0.001 mm Hg @ 20°C
Solubility in Water@20°C	Insoluble
Optical Rotation	-50 / -25
Auto ignition temperature (°C)	Data not available
10. STABILITY AND REACTIVITY	
Stability	It presents no significant reactivity hazards, by itself or in contact with water
Conditions to Avoid	Avoid storage temperatures above 25°C
Material to Avoid	Avoid contact with strong acids, alkalis and oxidizing agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.
11. TOXOLOGICAL INFORMATION	
Acute Toxicity	Acute oral toxicity (orl, rat) > 5g/Kg Dermal toxicity (skn,rbt) > 5g/Kg Opdyke (1974) pp 1015-1016
Skin corrosion / irritation	Skin corrosion/irritation Category 2 according UN-GHS & CLP following to EC 1272/2008.
Serious eye damage / irritation	Serious Eye Damage/Irritation Category 2A according to UN-GHS & CLP following EC 1272/2008.
Respiratory or skin sensitization	Skin Sensitizer Category 1 according to UN-GHS & CLP following EC 1272/2008.
Germ Cell Mutagenicity	Not listed as a mutagen
Carcinogenicity	Not listed as a carcinogen
Reproductive toxicity	May cause damage to unborn child: Reproductive Toxicity Category 2 according UN-GHS & CLP following EC 1272/2008
STOT single exposure	Data not found
STOT repeated exposure	Data not found
Aspiration hazard	Aspiration Hazard Category 1 according to UN-GHS & CLP following EC 1272/2008.
Photo toxicity	Not photo-toxic
Other Information	None
12. ECOLOGICAL INFORMATION	
Ecotoxicity	Aquatic hazard acute Category 3, Aquatic hazard long-term Category 3
Mobility	Not determined
Persistence & Biodegradability	Not determined
Bioaccumulation Potential	Not determined
PBT Assessment Results	No data found
Precautions	Do not discharge into the environment especially into waterways and the sea.
13. DISPOSAL CONSIDERATIONS	



Disposal Methods	Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.	
14. TRANSPORT INFORMATION		
Warning Icon	None designated	
Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID (not viscous), ENVIRONMENTALLY HAZARDOUS	
UN No. Road	Not regulated for transport	
ADR Class	Not applicable	
Hazard No (ADR)	Not applicable	
Hazchem Code	Not applicable	
UN No. SEA	Not regulated for transport	
IMDG Class	Not applicable	
IMDG Pack Gr.	Not applicable	
EMS	Not applicable	
UN No. AIR	Not regulated for transport	
Air Class	Not applicable	
Air Pack Gr.	Not applicable	
15. REGULATORY INFORMATION		
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.	
US Federal Regulations	Listed on the United States TSCA (Toxic Substances Control Act) inventory	
California Proposition 65	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm	
CANADA Regulations	Listed on the Canadian DSL (Domestic Substances List)	
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716)	
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations	
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.	
NFPA Rating	HMIS Rating	
	HEALTH	1
	FLAMMABILITY	2
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	-



16. OTHER INFORMATION	
Revision Date	11/22
Rev No/Repl, SDS Generated	4
Risk Phrases in Full Risk Phrases in Full (cont)	R38 Irritating to skin R43 May cause sensitisation by skin contact R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R63 Possible risk of harm to unborn child R65: Harmful may cause lung damage if swallowed,
Hazard Statements in Full	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 H361 Suspected of damaging fertility or the unborn child
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

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