



24 CHATHAM PLACE, BRIGHTON BN1 3TN (UK)
TEL.(UK) 0845 310 8066 FAX.(UK) 0845 310 8068
International Tel. +44 1273 746505 Int. Fax. +44 1273 202729
EMAIL: info@nhrorganic oils.com Web Site: www.nhrorganic oils.com





Safety Data Sheet

Organic Ylang Ylang Extra Essential Oil (*Cananga odorata* var. *genuina*)

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

Product Name	Ylang ylang oil Extra Organic				
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 flower oil				
Synonyms & Trade Names	Macassar oil				
Supplier	NHR Organic Oils, 24 Chatham Place, Brighton, BN1 3TN, UK. Emergency Tel No: 0845 310 8066				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	3119/2232	FDA No.	§182.20	CoE No.	103n
CAS-No	8006-81-3	EC No.	281-092-1	EINECS No.	281-092-1

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xn; R38-43-52/53-63-65, S24-36/37-62
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
Label in accordance with (EC) No 1272/2008	    GHS02 GHS05 GHS07 GHS08
Signal Word	Danger
Contains	Linalool, benzyl acetate, beta-caryophyllene, benzyl benzoate, p-cresyl methyl ether, benzyl salicylate, farnesol, geraniol, methyl benzoate, isoeugenol, eugenol.
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 H361 Suspected of damaging fertility or the unborn child
Precautionary Statements	P301/310 IF SWALLOWED immediately call a POISON CENTRE or doctor/physician. P331 Do NOT induce vomiting P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection. P281 Use personal protective equipment as required P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplementary Precautionary Statements	---
PBT or vPvB according to Annex XIII	---
Adverse physio-chemical	Combustible but will not self-ignite



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properties	
Adverse effects on human health	May cause sensitisation/irritation by skin contact.

03. COMPOSITION/INFORMATION ON INGREDIENTS

24% Linalool UN-GHS: ATO 5(3000), EDI 2A, EH A3,SCI2
20% Benzyl acetate UN-GHS: ATO 5(2500); SCI 3, EH A2
11% beta-Caryophyllene UN-GHS: SCI 3
10% Benzyl benzoate UN-GHS: ATO 4(1500), ATD 5(4000); EH A2,C2
7% para-Cresyl methyl ether UN-GHS: ATO 4(1900), EDI 2A, EH A3,EH C3, REP 2, SCI 2
5% Benzyl salicylate UN-GHS: ATO 5(2300);SS 1; EH A2,C2
4% Farnesol UN-GHS: SCI 2; EDI 2A, SS 1
1.4% Geraniol UN-GHS: ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2
2% Methyl benzoate UN-GHS: ATO 4(1300); SCI 3
0.5% Isoeugenol UN-GHS: ATO 4(1500); ATD 4(1900); SCI 2; EDI 2A; SS 1; EH A2
0.5% Eugenol UN-GHS: ATO 5(2300); SCI 3; EDI 2A; SS 1; EH A2.

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.



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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 vapours.
Specific Hazards	None
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	 Goggles Gloves Overalls
Engineering Measures	Ensure good ventilation of working area.



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Respiratory Equipment	As required. Avoid breathing product vapour.
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
Colour	Pale yellow to dark yellow
Odour	Exotic sweet floral.
Relative Density	0.930 - 0.950 d20/20
Flash Point (°C)	87 c/c
Refractive Index	1.495 - 1.515 @ 20°C
Melting Point (°C)	Not given
Boiling Point (°C)	264 @ 760 mm Hg
Vapour Pressure	0.001 mm Hg @ 20°C
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	Not determined

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
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents. Avoid storage in unlined metal containers.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.



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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 sensitisation	Skin Sensitiser 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	No data found
STOT-repeated exposure	No data 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



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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	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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14. TRANSPORT INFORMATION

Warning Icon	None designated
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S
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



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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, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation 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.
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.

16. OTHER INFORMATION

Revision Date	02/2015
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	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.

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.