

MATERIAL SAFETY DATA SHEET

1. Substance and Company Information					
Product name		YLANG YLANG OIL			
Company		Shirley Price Aromatherapy			
		4 The Edwards Centre			
		The Horsefair			
		Hinckley			
		Leicestershire LE10 0AN			
Emergency telephone number		01455 615466			
2. Composition/Ingredient Information					
Definition/Botanical Origin: Obtained by steam distillation of the dry, fresh picked flowers of <i>Cananga odorata</i> (DC) Hook F et Thoms subsp <i>genuina</i> (Fam. Anonaceae)					
H-No:	3301.29	CAS No:	8006-81-3	Status:	Natural
CoE No:	103	FEMA:	3119	Additives:	None
FDA:		IFRA:	No restriction	Application:	
RIFM:	Monograph	EINECS:		RTECS:	
INCI name:	<i>Cananga odorata</i>	FCCIV:		TSCA:	Reported
3. Hazards identification					
Concentrated product. Do not ingest. Observe good housekeeping procedures.					
4. First Aid procedure					
Inhalation	Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.				
Eye contact	Rinse immediately with plenty of water for at least 5 minutes. Contact a doctor if symptoms persist.				
Skin contact	Remove contaminated clothes. Wash thoroughly with soap and water, flush with plenty of water. If irritation persists, seek medical advice.				
Ingestion	Rinse mouth out with soap water. Seek medical advice immediately .				
Other	When assessing action take Risk and Safety Phrases (Section 15) into account.				
5. Fire fighting measures					
Suitable extinguishing media	Use CO ₂ , dry powder or foam type of extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.				
Special measures	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus and protective clothing.				
Extinguishing procedures	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.				
6. Accidental release measures					
Personal precautions	Avoid inhalation and direct contact with skin and eyes. Use individual protective equipment (safety glasses, waterproof boots, suitable protective clothing) in case of major spillages.				
Environmental precautions	Keep away from drains, soils, surface and ground waters.				
Methods for cleaning up	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal, and local disposal regulations.				
7. Handling and storage					
Handling	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.				
Storage	Store in tightly closed original container, in a cool, dry and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.				
8. Exposure controls/Personal protection					
Respiratory protection	Avoid breathing product vapour. Apply local ventilation where possible.				
Ventilation	Ensure good ventilation of working area.				
Hand protection	Avoid all skin contact. Use chemically resistant gloves if required.				
Eye protection	Use safety glasses.				
Work/hygiene practices	Wash hands with soap and water after handling.				
9. Physical and chemical properties					
Colour	Pale to dark yellow liquid				
Appearance	Mobile liquid				
Odour	Floral, spicy balsamic				
Flash point °C	87°C				

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Relative density: d_{20}^{20}	0.9100 to 0.9260 (typical)														
Optical rotation @ 20°C	-63° to -53°														
Refractive index @ 20°C	1.5070 to 1.5110														
Solubility in 95% ethanol @ 20°C	Partially soluble														
Additional data	Acid no <2.0														
Typical analysis by GC/MS	Contains Prenyl acetate, α -pinene, Methyl p-cresol, 1,8-cineol, Methyl benzoate, Linalol, Benzyl acetate, Ethyl benzoate, Methyl salicylate, Phenylethyl acetate, Geraniol, Eugenol, Geranyl acetate, α -copaena, β -elemene, Cinnamyl acetate, β -caryophyllene, α -humulene, Germacrene D, γ -Muurolene, δ -cadinene, α -farnescene, τ -cadinol, τ -muurolol, Farnesol, Benzyl benzoate, Farnesyl acetate, Benzylsalicylate, amongst others														
10. Stability and reactivity															
Reactivity	It presents no significant reactivity hazards, by itself or in contact with strong acids, alkali or oxidising agents.														
Decomposition	Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.														
11. Toxicological information															
LD ₅₀ oral-rat	>5g/Kg														
LD ₅₀ skn-rbt	>500 mg/Kg 24H MLD														
RIFM monograph (1974) <i>FCT 12</i> , 807: Non-irritating, non-sensitising to non-phototoxic to human skin: <i>FCT 12</i> (Suppl.), 1015															
12. Ecological information															
Biodegradability	Data not available														
Precautions	Prevent surface contamination of soil, ground and surface water														
13. Disposal considerations															
Waste material	Avoid disposing to drainage systems and into the environment. Seek expert advice.														
14. Transport information															
Road (ADR/RID)															
Air (IATA/ICAO)															
Sea (IMDG)															
UN1993															
15. Regulatory information (According to Directive 88/379/EEC)															
Hazards															
Symbols															
Risk phrases															
Safety phrases															
16. OTHER INFORMATION															
Concentrated % limits															
<u>Packaging</u> <table> <tr> <th></th><th>Type Suitability</th></tr> <tr> <td>Glass</td><td>Yes</td></tr> <tr> <td>Lacquer lined steel/tin</td><td>Yes</td></tr> <tr> <td>Aluminium</td><td>Yes</td></tr> <tr> <td>HPPE</td><td>No</td></tr> <tr> <td>F/HDPE</td><td>Yes</td></tr> <tr> <td>Other plastic</td><td>No</td></tr> </table>			Type Suitability	Glass	Yes	Lacquer lined steel/tin	Yes	Aluminium	Yes	HPPE	No	F/HDPE	Yes	Other plastic	No
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<u>Shelf-life</u>															
Minimum 12 months when stored within advised conditions															
<u>Q.C. Requirements</u>															
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.															
<p>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 data supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the users 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.</p>															

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