





MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Ylang Ylang			
Biological Definition		Obtained by distillation of the flowers of <i>Cananga odorata</i>			
INCI Name		Cananga odorata flower oil			
Synonyms & Trade Names		Macassar oil grade 1; ilang ilang oil 1			
CAS-No	8006-81-3	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					
NTM UK LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR					
1.4 Emergency Tel. No.		+44(0)1603 610883			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture			
The Full Text for all Hazard Statements is displayed in Section 16.			
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			
2.2 Label Elements			
Label in accordance with (EC) No 1272/2008			
GHS08	GHS02	GHS05	GHS07
			
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. H315 Causes skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H319 Causes serious eye irritation H361 Suspected of damaging fertility or the unborn child.			

Precautionary Statements

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P262 Do not get in eyes or on skin or on clothing
P280 Wear protective gloves/protective clothing/eye protection/face protection. P262 Do not get in eyes, on skin, or on clothing.
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

No additional data available.

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
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
2% Methyl benzoate UN-GHS: ATO 4(1300); SCI3
1.4% Geraniol UN-GHS: ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2
0.5% Isoeugenol UN-GHS: ATO 4(1500); ATD 4(1900); SCI 2; EDI 2A; SS 1; EHA 2
0.5% Eugenol UN-GHS: ATO 5(2300); SCI 3; EDI 2A; SS 1; EHA 2

04. FIRST AID MEASURES

4.1	Description of first aid measures
Inhalation	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Wash out mouth and nose with water. Seek medical attention immediately. Do not induce vomiting.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
4.2	Most important symptoms and effects, both acute and delayed No additional data available.
4.3	Indication of any immediate medical attention and special treatment needed No additional data available.

05. FIRE-FIGHTING MEASURES

5.1 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
5.2 Special hazards arising from the product	Wear protective clothing. Avoid inhalation of vapours.
5.3 Advice for firefighters	Closed containers may build up pressure when exposed to heat and should be cooled with water spray


06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
6.2 Environmental Precautions	Do not discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up.	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.
6.4 Reference to other sections	No additional data available.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
7.2 Conditions for safe storage, including any incompatibilities	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.
7.3 Specific end use(s)	No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	-
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	-
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	As required. Avoid breathing product vapour
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber apron.
Hygiene Measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
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.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Mobile liquid.
Colour	Pale yellow to dark yellow.
Odour	Exotic sweet floral.
Relative Density	0.930 - 0.949 @ 20°C
Flash Point (°C)	87
Refractive Index	1.495 - 1.510 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	264 @ 760mm HG
Vapour Pressure	2100 Pa
Solubility in Water @20°C	0.001 mm Hg @ 20°C
Auto-ignition temperature (°C)	Not Determined

9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
It presents no significant reactivity hazards, by itself or in contact with water.	
10.2 Chemical stability	
-	
10.3 Possible hazardous reactions	
No additional data available.	
10.4 Conditions to Avoid	
Avoid storage temperatures above 25°C	
10.5 Incompatible materials	
No additional data available	
10.6 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

11.1 Information on toxicological effects	
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 additional data available.
STOT-repeated exposure	No additional data available.
Photo-toxicity	No additional data available.
Other Information	Aspiration Hazard Category 1 according to UN-GHS & CLP following EC 1272/2008.


12. ECOLOGICAL INFORMATION

12.1 Toxicity	Aquatic hazard acute Category 3, Aquatic hazard long-term Category 3
12.2 Persistence & degradability	Not determined
12.3 Bioaccumulation Potential	Not determined
12.4 Mobility in soil	Not determined
12.5 Results of PBT and vPvB Assessment	No additional data available.
12.6 Other adverse effects	Do not discharge into the environment especially into waterways and the sea.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not regulated for transport
UN No. SEA	Not regulated for transport
UN No. AIR	Not regulated for transport
14.2 UN proper shipping name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:	Not applicable
ICAO Class/Division:	Not applicable
IMDG Class:	Not applicable
Transport Labels	
-	
14.4 Packing group	
ADR/RID/ADN Packing group	Not applicable
IMDG Packing group	Not applicable
ICAO Packing group	Not applicable
14.5 Environmental hazards	
Environmentally Hazardous Substance/Marine Pollutant	
	
14.6 Special precautions for user	
-	
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
	<p>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.</p>
15.2	Chemical safety assessment
	No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>H319 Causes serious eye irritation. H315 Causes skin irritation. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child 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</p>
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011
Revision Date	24/09/2018
Reason for revision	Updated New Format SDS.
Rev No/Repl, SDS Generated	02

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.