

Certificate of Analysis

Product Name	YLANG YLANG I			
Product Code	OEYLAN1			
INCI Name	Cananga Odorata Flower Oil			
Batch Number	4412411			
Best Before End	October 2023			
Manufacturing Process	Steam distillation of the flowers of Can	Steam distillation of the flowers of Cananga Odorata.		
Identification	CAS No: 84649-86-5	EINECS No: 283-467-5		
	Alternative Cas: 8006-81-3	FEMA: 3119		
	FDA: 182.20	CoE: 103n		
PHYSICAL AND CHEMICAL	CHARACTERISTIC			
	SPECIFICATION RANGE	RESULTS		
Appearance	Liquid	Conforms		
Colour	Yellow to Dark Yellow	Conforms		
Odour	Flowery. Sweet	Conforms		
Relative Density @ 20°c	0.933 - 0.949	0.9371		
Refractive Index @ 20°c	1.495 - 1.510	1.4991		
Angular Roation (°)	-17 to -40	-24.81		
Flash Point	86 - 89°c Conforms			
STORAGE AND SHELF LIFE		·		
Storage	Store in tightly closed container wit	h minimum headspace in a cool, dark and dry place		

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



SAFETY DATA SHEET YLANG YLANG I

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

1.1. Product identifier

Product name YLANG YLANG I
Product No. OEYLAN1
CAS-No. 83863-30-3
EC No. 281-092-1

Alternative Cas 8006-81-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier MADAR Corporation Limited

19-20 Sandleheath Industrial Estate

Fordingbridge Hampshire SP6 1PA

Supplier Mystic Moments, New Directions, World of Moulds

1.4. Emergency telephone number 01425 655555 During office hours

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; Repr. 2 -

H361d;Asp. Tox. 1 - H304

Environment Not classified.

Classification (1999/45/EEC) Xn;R65. Repr. Cat. 3;R63. Xi;R38. R43. R52/53. The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Environment

The product contains a substance which may cause long term adverse effects in the aquatic environment.

2.2. Label elements

EC No. 281-092-1
Contains Benzyl Salicylate

Farnesol GERANIOL

p-Cresyl methyl ether

Label In Accordance With (EC) No. 1272/2008





	LANG TEANGT
ger	
1	May be fatal if swallowed and enters airways.
5	Causes skin irritation.
7	May cause an allergic skin reaction.
)	Causes serious eye irritation.
Id	Suspected of damaging the unborn child.
	Obtain special instructions before use.
2	Do not handle until all safety precautions have been read and understood.
2	Contaminated work clothing should not be allowed out of the workplace.
)	Wear protective gloves/protective clothing/eye protection/face protection.
	Use personal protective equipment as required.
	Avoid breathing vapour/spray.
ļ	Wash contaminated skin thoroughly after handling.
	Specific treatment (see medical advice on this label).
1+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
2+352	IF ON SKIN: Wash with plenty of soap and water.
5+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	IF exposed or concerned: Get medical advice/attention.
	Get medical advice/attention.
	Do NOT induce vomiting.
	If skin irritation occurs: Get medical advice/attention.
	If skin irritation or rash occurs: Get medical advice/attention.
	If eye irritation persists:
	Take off contaminated clothing and wash before reuse.
	Wash contaminated clothing before reuse.
	Store locked up.
	Dispose of contents/container to
15791 122011125 3312	d +310 +352

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>3</u>

Benzyl Acetate			10-30%
CAS-No.: 140-11-4	EC No.: 205-399-7		
Classification (EC 1272/2008) Not classified.		Classification (67/548/EEC) Not classified.	
BENZYL BENZOATE			5-10%
CAS-No.: 120-51-4	EC No.: 204-402-9		
Classification (EC 1272/2008) Acute Tox. 4 - H302 Aquatic Chronic 2 - H411		Classification (67/548/EEC) Xn;R22 N;R51/53	
Benzyl Salicylate			1-5%
CAS-No.: 118-58-1	EC No.: 204-262-9		

Classification (EC 1272/2008)		Classification (67/548/EEC)	_
Acute Tox. 5 - H303		N;R51/53.	
Skin Sens. 1 - H317		R43.	
Aquatic Acute 2 - H401			
Aquatic Chronic 2 - H411			
Farnesol			1-5%
			1 370
040 14 4000 0 1 5	EQ.N		
CAS-No.: 4602-84-0	EC No.: 225-004-1		
Classification (EC 1272/2008)		Classification (G7/E49/EEC)	
Skin Irrit. 2 - H315		Classification (67/548/EEC) Xi;R36/38.	
Eye Irrit. 2 - H319		R43.	
Skin Sens. 1 - H317			
GERANIOL			1-5%
CAS-No.: 106-24-1	EC No.: 203-377-1		
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Skin Irrit. 2 - H315		Xi;R38,R41.	
Eye Dam. 1 - H318		R43.	
Skin Sens. 1 - H317			
ISO-EUGENOL			< 1%
CAS-No.: 97-54-1	EC No.: 202-590-7		
OAO-NO 81-34-1	LO NO 202-090-7		
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Acute Tox. 4 - H302		Xn;R21/22.	
Acute Tox. 4 - H312		Xi;R36/38.	
Skin Irrit. 2 - H315		R43.	
Eye Irrit. 2 - H319			
Skin Sens. 1 - H317			
Linalool			5-10%
			J-10 /0
a.a.u. =4 == :	- 0.11		
CAS-No.: 78-70-6	EC No.: 201-134-4		
Classification (FO 1070/0000)		Olassification (07/540/550)	
Classification (EC 1272/2008) Skin Irrit. 2 - H315		Classification (67/548/EEC) Xi;R38.	
OMIT IIIIL 2 - 11313		A1,1 (O).	
Methyl Benzoate			1-5%
			1-5 /0
21211 22 22 5	50 M		
CAS-No.: 93-58-3	EC No.: 202-259-7		
		01 17 11 10 10 10 10 10 10 10 10 10 10 10 10	
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Flam. Liq. 4 - H227 Acute Tox. 4 - H302		Xn;R22.	
Skin Irrit. 3 - H316			

p-Cresyl methyl ether 5-10%

CAS-No.: 104-93-8 EC No.: 203-253-7

Classification (EC 1272/2008) Classification (67/548/EEC)

Acute Tox. 4 - H302 Xn;R22.

Skin Irrit. 2 - H315 Repr. Cat. 3;R63.

 Repr. 2 - H361d
 Xi;R38.

 Aquatic Chronic 3 - H412
 R52/53.

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

CAS-No. 83863-30-3 EC No. 281-092-1

Hydrocarbon Content %

40%

SECTION 4: 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.

Inaestion

If swallowed, seek medical advice immediately and show the container label. DO NOT INDUCE VOMITING!

Skin contact

May cause irritation to skin. Get medical attention if irritation persists after washing.

Eye contact

May cause irritation to eyes. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

May cause irritation of the lungs

Ingestion

May be harmful if swallowed

Skin contact

May irritate skin or cause dermatitis.

Eye contact

May irritate eyes.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use as appropriate: Carbon dioxide (CO2), dry chemical or foam.

Unsuitable extinguishing media

Water

5.2. Special hazards arising from the substance or mixture

Specific hazards

When heated to decomposition, it emits acrid smoke as well as carbonmonoxide and carbondioxide.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Water is unsuitable to use as an extinguishing method.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbant material (e.g dry-lime, sand, soda ash).

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use in a ventilated area, away from sources of ignition. DO NOT SMOKE. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA	- 8 Hrs	STEL	- 15 Min	Notes
Benzyl Acetate				10 ppm	61 mg/m3	

Linalool (CAS: 78-70-6)

Ingredient Comments
No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment









Process conditions
Provide eyewash station.

Engineering measures

Provide adequate ventilation.

Respiratory equipment

For high concentrations use respiratory equipment. Hand protection

Chemical resistant gloves (PVC)

Eye protection

Wear approved safety goggles. Other Protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Good personal hygiene practices are always advisable, especially when working with chemicals.

Personal protection

Avoid inhalation and contact with skin and eyes.

Skin protection

Wear apron or protective clothing in case of contact.

Environmental Exposure Controls

Avoid discharging into drainage water. Only eliminate by authrosied companies.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour Pale yellow to dark yellow
Odour Flowery, sweet-sugary
Relative density 0.930 - 0.949 d20/20

Flash point (°C) 87

9.2. Other information

Refractive Index 1.495 - 1.510 @ 20c

Optical Rotation -24 to -46

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Strong acids, alkali or oxidising agents.

10.6. Hazardous decomposition products

Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

To the best of our knowledge, the chemical/physical/toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

We have no data regarding ecotoxicity, but it must be considered that this product may be dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability

No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

SECTION 14: TRANSPORT INFORMATION

General

Not regulated.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Tariff Number 33012911

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Guidance Notes

CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations

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. 15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Date 21/11/2012

 Revision
 1

 SDS No.
 10163

 Date
 21/09/2011

Risk Phrases In Full

R22 Harmful if swallowed.

R21/22 Harmful in contact with skin and if swallowed.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R36/38 Irritating to eyes and skin.

R36/37/38 Irritating to eyes, respiratory system and skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

NC Not classified.

R63 Possible risk of harm to the unborn child.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H316

H411

H318 Causes serious eye damage. H319 Causes serious eye irritation. H315 Causes skin irritation. H227 Combustible liquid. H302 Harmful if swallowed. H312 Harmful in contact with skin. Harmful to aquatic life with long lasting effects. H412 H304 May be fatal if swallowed and enters airways. H303 May be harmful if swallowed. H317 May cause an allergic skin reaction. H361d Suspected of damaging the unborn child.

Causes mild skin irritation.

Toxic to aquatic life with long lasting effects.

H401 Toxic to aquatic life.

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Product Specification

PRODUCT DETAILS			
Product Name	YLANG YLANG I		
Product Code	OEYLAYLAI		
INCI Name	Cananga Odorata Flower Oil		
Country of Origin	Madagascar		
Tariff Number	33012911		
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.		
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.		
Kosher Certified	Yes		
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.		
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.		
Manufacturing Process	Steam distillation of the flowers of Canar	nga Odorata.	
Identification	CAS No: 83863-30-3	EINECS No: 281-092-1	
	Alternative Cas: 8006-81-3	FEMA: 3119	
	FDA: 182.20	CoE: 103n	
PHYSICAL AND CHEMICAL CH	HARACTERISTIC		
Appearance	Liquid		
Colour	Yellow to Dark Yellow		
Odour	Flowery. Sweet		
Relative Density @ 20°c	0.933 - 0.949		
Refractive Index @ 20°c	1.495 - 1.510		
Angular Roation (°)	-17 to -40		
Flash Point	86 - 89°c		
Hydrocarbon content	36%		
FRAGRANCE ALLERGENS			
Benzyl Salicylate (118-58-1) Max 3%	Benzyl Benzoate (120-51-4) 5-10%	Benzyl Cinnamate (103-41-3) <1%	
Limonene (5989-27-5) <1%	Eugenol (97-53-0) <1%	Farnesol (4602-84-0) <2%	
Geraniol (106-24-1) <2%	Isoeugenol (97-54-1) <1% Linalool (78-70-6) 5-15%		
FOOD ALLERGENS			
NONE PRESENT			
IFRA			
Benzyl Benzoate (120-51-4) 5-10 %	p-Methylanisole (104-93-8) 1-5%	Benzyl Salicylate (118-58-1) Max 3%	
Farnesol (4602-84-0) <2 %	Geraniol (106-24-1) <2%	Eugenol (97-53-0) <1%	
Isoeugenol (97-54-1) <1%	Ethyl Benzoate (93-89-0) <1% Benzyl Cinnamate (103-41-3) <1%		
Toluene (108-88-3) 0.0003%	2017, 20112000 (33 03 0) 170 Delizy Chinamate (103 41 3) 170		
STORAGE AND SHELF LIFE		•	
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.		

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Issue No: 4 18/07/2018



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Ylang Ylang I Essential Oil

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.