

CERTIFICATE OF ANALYSIS

PRODUCT NAME: YLANG YLANG COMPLETE, ESSENTIAL OIL ORGANIC

BATCH N_{UMBER}: 4546912

PRODUCT INCI: CANANGA ODORATA FLOWER OIL

PRODUCT CODE: OCYLAN

CAS NUMBER: 83863-30-3 / 8006-81-3 / 68606-83-7

EINECS NUMBER: 281-092-1

MANUFACTURING METHOD: STEAM DISTILLED

B_{EST} B_{EFORE} D_{ATE}: June 2027

Analytical Details	RANGE	RESULT
Appearance	LIQUID	-
Colour	YELLOW - BROWN	-
Odour	Characteristic	-
Specific Gravity @ 20°C	0.920 - 0.980	0.930
REFRACTIVE INDEX @ 20°C	1.490 – 1.520	1.502
OPTICAL ROTATION (°C)	-40.0 то -5.0	-37.49

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT



Allergen Declaration:

PRODUCT NAME:	Ylang Ylang Complet, Essential Oil Organic			
INCI:	Cananga Odorata Flower			
	COSMETIC ALLERGENS			
The Fol	llowing is from the 7th amendment of the cosmetic directive of the European Union Annex iii.			
nex Illa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):	
67	AMYL CINNAMAL	122-40-7	0.00	
68	BENZYL ALCOHOL	100-51-6	<0.1	
69	CINNAMYL ALCOHOL	104-54-1	<0.1	
70	CITRAL	5392-40-5	<0.1	
71	EUGENOL	97-53-0	<0.6	
72	HYDROXY-CITRONELLAL	107-75-5	0.00	
73	ISOEUGENOL	97-54-1	<0.2	
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.00	
75	BENZYL SALICYLATE	118-58-1	<5.0	
76	CINNAMAL	104-55-2	0.00	
77	COUMARIN	91-64-5	<0.1	
78	GERANIOL	106-24-1	<2.5	
79	HYDROXY- METHYLPENTYLCYCLOHEXENECARBOXALDEHYDE	31906-04-4	0.00	
80	ANISE ALCOHOL	105-13-5	0.00	
81	BENZYL CINNAMATE	103-41-3	0.00	
82	FARNESOL	4602-84-0	<4.0	
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.00	
84	LINALOOL	78-70-6	<2.5	
85	BENZYL BENZOATE	120-51-4	<8.5	
86	CITRONELLOL	106-22-9	<0.1	
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.00	
88	LIMONENE	5989-27-5	<0.1	
89	METHYL HEPTIN CARBONATE	111-12-6	0.00	
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.00	
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.00	
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.00	
	FOOD ALLERGENS			
following is from the commission	n directive 2007/68/EC of 27th November 2007 amending Annex Illa to Directive 200/13/EC of the European Parlit	ament & Council with regards to specific food ing	redients.	
ex Illa Reference:		PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO NO	NO NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	NO
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO

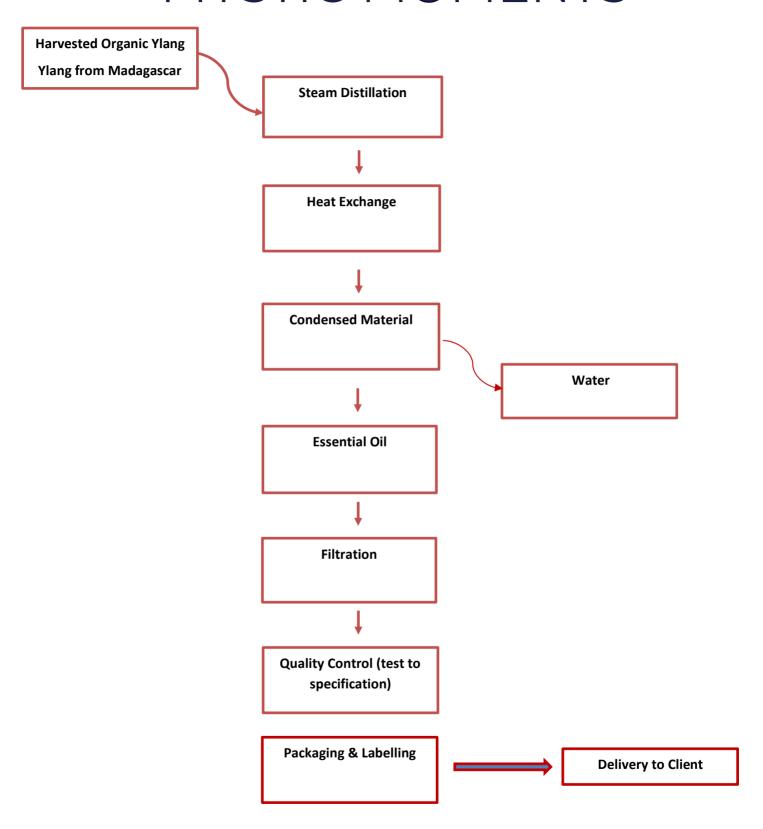


Composition Statement & Manufacturing Flow Chart:

MADAR Corporation can hereby confirm the following composition breakdown & manufacturing process flow;

Ylang Ylang Complet, Essential Oil Organic

INCI Name	% Inclusion	CAS Number
Cananga Odorata Flower	100	8006-81-3





GMO Statement

PRODUCT NAME: Ylang Ylang Complete Organic

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

06/03/2019



IFRA STATEMENT

PRODUCT NAME: YLANG YLANG COMPLETE, ESSENTIAL OIL ORGANIC

PRODUCT INCI: CANANGA ODORATA FLOWER OIL

WE CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 49 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 49^{TH} AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 0.45	Specification
Linalool	78-70-6	≤ 9.0	Specification
Benzaldehyde	100-52-7	≤ 0.06	Restriction
Benzyl alcohol	100-51-6	≤ 0.22	Restriction
Benzyl Benzoate	120-51-4	≤ 15.3	Restriction
Benzyl Cinnnamate	103-41-3	≤ 0.13	Restriction
Benzyl Salicylate	118-58-1	≤ 6.55	Restriction
Citral	5392-40-5	≤ 0.13	Restriction
Citronellol	106-22-9	≤ 0.16	Restriction
2-Methoxy-4-propylphenol (Dihydroeugenol)	2785-87-7	≤ 0.004	Restriction
Eugenol	97-53-0	≤ 2.35	Restriction
Farnesol	4602-84-0	≤ 2.0	Restriction, Specification
Geraniol	106-24-1	≤ 1.6	Restriction
Iso eugenol	97-54-1	≤ 0.41	Restriction
Furfural	98-01-1	≤ 0.004	Restriction
Estragole	140-67-0	≤ 0.06	Restriction
Methyl eugenol	93-15-2	≤ 0.13	Restriction
Ylang Ylang Extract	8006-81-3 / 68606-83-7 / 83863-30-3	100.0	Restriction



Additional comments:

Flavour use consideration - Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavouring ingredient as defined by the IOFI Code of Practice (www.iofi.org). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

According to Cosmetic Regulation (EC) No 1223/2009 Annex III methyl eugenol is restricted to a maximum concentration in a ready to use preparation as follows

Fine fragrance - 0.01%

Eau de toilette - 0.004% Rinse-off products - 0.001%

Fragrance cream - 0.002%

Other leave-on products and oral products - 0.0002%

Farnesol should only be used as a fragrance ingredient if it contains a minimum of 96% of farnesol isomers as determined by GLC.

IFRA Category	% Maximum Use Level
IFRA Category 1	0.13
IFRA Category 2	0.04
IFRA Category 3	0.22
IFRA Category 4	0.73
IFRA Category 5A	0.18
IFRA Category 5B	0.18
IFRA Category 5C	0.18
IFRA Category 5D	0.15
IFRA Category 6	0.43
IFRA Category 7A	0.45
IFRA Category 7B	0.45
IFRA Category 8	0.08
IFRA Category 9	0.67
IFRA Category 10A	0.67
IFRA Category 10B	2.46
IFRA Category 11A	0.15
IFRA Category 11B	0.15
IFRA Category 12	74.62



IFRA Category	Product Type	Flavour Use	Phototoxicity
Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.	Yes	Applicable (leave-on products)
Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist)	No	Applicable (leave-on products)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes	No	Applicable (leave-on products)
Category 4	Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products	No	Applicable (leave-on products)
Category 5A	Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc).	No	Applicable (leave-on products)
Category 5B	Facial toner. Facial moisturizers and creams	No	Applicable
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	(leave-on products) Applicable (leave-on products)
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	(leave-on products) Applicable (leave-on products)
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	No	Applicable (leave-on products)
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave- on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer	No	Applicable (leave-on products)
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable (leave-on products)
Category 9	Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets	NO	Applicable (rinse-off products)
Category 10A	Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softeners sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water).	NO	Applicable (rinse-off products)
Category 10B	Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides	NO	Applicable (rinse-off products)
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	NO	Not applicable (leave-on products without UV exposure)
Category 11B	Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).	NO	Applicable (leave- on products)
Category 12	Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).	NO	Not applicable (non-skin contact products)



Material Safety Data Sheet

EU Regulation: 1907/2006

1.1					
RODUCT IDENTIFICATION					
PRODUCT NAME	YLANG YLANG COMPLETE, ESSENTIAL OIL ORGANIC				
BIOLOGICAL DEFINITION	OBTAINED BY THE COMPLETE DISTILLATION OF THE FLOWERS OF CANANGA ODORATA (DC) HOOK F. ET THOMS SUBSP. GENUINA (FAM. ANONACEAE).				
INCI NAME	Cananga Odorata Flower				
SYNONYMS & TRADE NAMES	YLANG YLANG COMPLETE				
INTERNAL PRODUCT CODE	OCYLAN				
CAS-No	83863-30-3 / 8006-81-3 / 68606-83-7	EC No.	281-092-1	EINECS No.	281-092-1
I.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
COMPANY ADDRESS	Madar Corportation Limted, 19 - 20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA				
EMAIL	technical@madarcorporation.co.uk				
.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
EMERGENCY CONTACTS	01425 655555				

.1 LASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
	H302 HARMFUL IF SWALLOWED.
	H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
CLASSIFICATION (EU1272/2008)	H315 Causes skin irritation.
	H317 MAY CAUSE AN ALLERGIC SKIN REACTION.
	H319 Causes serious eye irritation.
	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
2 ABEL ELEMENTS	Label in accordance with Regulation (EC) No 1272/2008.
GHS LABEL	GHS07 GHS08
SIGNAL WORD	DANGER
SIGNAL WORD	DANGER
CONTAINS	b-Caryophyllene.
	H302 HARMFUL IF SWALLOWED.
	H304 May be fatal if swallowed and enters airways.
HAZARDS STATEMENT	H315 CAUSES SKIN IRRITATION.
	H319 CAUSES SERIOUS EYE IRRITATION.
	H317 MAY CAUSE AN ALLERGIC SKIN REACTION.
	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
	P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
	P26: AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.
	P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL).
	P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.
Danas various and Gas arrivers	P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE.
PRECAUTIONARY STATEMENTS	P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
	P305+P351+P338: IF IN EYES RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT
	LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
	P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.
	P273 AVOID RELEASE TO THE ENVIRONMENT.
	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.
	P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
	P330 RINSE MOUTH.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P301+P312: IF SWALLOWED CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.
	P405 STORE LOCKED UP.
	P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.
	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.
.3 OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO DATA
Adverse effects on human health	NO DATA
PBT OR VPVB ACCORDING TO ANNEX XIII	NO DATA.

SECTION 3: COMPOSITION OF INGREDIENTS

<19.0% BENZYL BENZOATE CAS NO: 120-51-4 EC NO: 204-402-9 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, AQUATIC CHRONIC 2 - H411

<11.0% B-CARYOPHYLLENE CAS NO: 87-44-5 EC NO: 201-746-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 – H304

<10.0% LINALOOL CAS NO: 78-70-6 EC NO: 201-134-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319

<10.0% BENZYL ACETATE CAS No: 140-11-4 EC No: 205-399-7 CLASSIFICATION (EC 1272/2008) AQUATIC CHRONIC 3-H412

< 8.0% Benzyl Salicylate CAS No: 118-58-1 EC No: 204-262-9 Classification (EC 1272/2008) Skin Sens. 1 - H317, Aquatic Chronic 3 – H412

<3.0% METHYL BENZOATE CAS NO: 93-58-3 EC NO: 202-259-7 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302

<3.0 EUGENOL% CAS NO: 97-53-0 EC NO: 202-589-1 CLASSIFICATION (EC 1272/2008) SKIN SENS. 1B – H317, EYE IRRIT. 2 – H319

<3.0 GERANYL ACETATE % CAS NO: 105-87-3 EC NO: 203-341-5</p>
CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 – H315, SKIN SENS. 1 – H317, AQUATIC CHRONIC 3 H412

<1.5% FARNESOL CAS NO: 4602-84-0 EC NO: 225-004-1 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317

<1.5% P-Cresyl Methyl Ether CAS No: 104-93-8 EC No: 203-253-7 Classification (EC 1272/2008) Flam. Liq. 3 – H226, Acute Tox. 4 - H302, Skin Irrit. 2 -H315, Repr. 2 – H361, Aquatic Chronic 3, H412

<1.0% Geraniol CA-No: 106-24-1 EC No: 203-377-1</p>
Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Dam. 1 - H318,
<0.5% Isoeugenol CAS No: 97-54-1 EC No: 202-590-7</p>
Classification (EC 1272/2008) Acute Tox. 4 - H302, Acute Tox. 4 - H312, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; Skin Sens. 1 - H317

<0.5% Limonene CAS No: 5989-27-5 EC No: 227-813-5 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

<0.30% BENZYL CINNAMATE CAS No: 103-41-3 EC No: 203-109-3 Classification (EC 1272/2008) Skin Sens. 1-H317, Aquatic Chronic 2-H411

<0.20% CITRONELLOL CAS NO: 106-22-9 EC NO: 203-375-0 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 – H315, SKIN SENS. 1 – H317, AQUATIC CHRONIC 2 – H411

<0.15% BENZYL ALCOHOL CAS NO:100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 – H302, EYE IRRIT. 2 – H319, ACUTE TOX. 4 – H332

<0.15% METHYL EUGENOL CAS NO: 93-15-2 EC NO: 202-223-0 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, MUTA. 2 -H341, CARC. 2 H351

3.1 SUBSTANCES

SECTION 4: FIRST AID MEASURES		
4.1		
DESCRIPTION OF FIRST AID MEASURES		
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.	
Inhalation	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.	
Ingestion	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.	
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS	
EYE CONTACT	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.	
4.2 Most important symptoms & effects (Acute & Delayed)	INHALATION MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING. INGESTION IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM. SKIN CONTACT TOXIC IN CONTACT WITH SKIN. EYE CONTACT MAY CAUSE EYE IRRITATION.	
4.3 Indication of any immediate medical attention or special treatment required	None expected, see Section 4.1 for further information.	
SECTION 5: FIRE FIGHTING MEASURES		
5.1		
EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.	
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Burning produces irritating, toxic and obnoxious fumes	
5.3	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	
Advice for fire-fighters	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.	
SECTION 6: Accidental Release Meas	URES	
6.1	URES ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN	
6.1 PERSONAL PRECAUTIONS 6.2	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY	
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTUATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN	
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN	
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.	
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVI EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS. REFER & CONSIDER SECTION 7, 8.	
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SECTION 6: ACCIDENTAL RELEASE MEAS 6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS SECTION 7: HANDLING & STORAGE 7.1 PRECAUTIONS FOR SAFE-HANDLING 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES 7.3 SPECIFIC END USE(S) SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING. DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS. REFER & CONSIDER SECTION 7, 8. REFER & CONSIDER SECTION 13. HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AN HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK O SMOKE WHEN USING THIS PRODUCT. KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.	

8.2 EXPOSURE CONTROLS FOR PROPERTY OF	
EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
HAND PROTECTION RESPIRATORY EQUIPMENT	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	None.
Skin Protection	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
Personal Protection	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
Process Conditions	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
ENVIROMENTAL EXPOSURE CONTROLS	ÁVOID DISCHARGING INTO DRAINAGE WATER.
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES	
PROPERTIES 9.1	Liquip
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES	LIQUID YELLOW - BROWN YELLOW.
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE	LIQUID YELLOW — BROWN YELLOW. CHARACTERISTIC.
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR	YELLOW – BROWN YELLOW.
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR	YELLOW – BROWN YELLOW. CHARACTERISTIC.
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR RELATIVE DENSITY FLASH POINT (°C) REFRACTIVE INDEX @ 20 °C	YELLOW – BROWN YELLOW. CHARACTERISTIC. 0.904 – 0.955 @ 20°C
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR RELATIVE DENSITY FLASH POINT (°C) REFRACTIVE INDEX @ 20 °C SOLUBILITY IN WATER @ 20 °C	YELLOW – BROWN YELLOW. CHARACTERISTIC. 0.904 – 0.955 @ 20°C 87°C
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR RELATIVE DENSITY FLASH POINT (°C) REFRACTIVE INDEX @ 20 °C	YELLOW – BROWN YELLOW. CHARACTERISTIC. 0.904 – 0.955 @ 20°C 87°C 1.490 – 1.520
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR RELATIVE DENSITY FLASH POINT (°C) REFRACTIVE INDEX @ 20 °C SOLUBILITY IN WATER @ 20 °C 9.2	YELLOW – BROWN YELLOW. CHARACTERISTIC. 0.904 – 0.955 @ 20°C 87°C 1.490 – 1.520 INSOLUBLE IN WATER
PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR RELATIVE DENSITY FLASH POINT (°C) REFRACTIVE INDEX @ 20 °C SOLUBILITY IN WATER @ 20 °C 9.2 OTHER INFORMATION	YELLOW – BROWN YELLOW. CHARACTERISTIC. 0.904 – 0.955 @ 20°C 87°C 1.490 – 1.520 INSOLUBLE IN WATER
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PROPERTIES 9.1 PHYSICAL & CHEMICAL PROPERTIES APPEARANCE COLOUR ODOUR RELATIVE DENSITY FLASH POINT (°C) REFRACTIVE INDEX @ 20 °C SOLUBILITY IN WATER @ 20 °C 9.2 OTHER INFORMATION SECTION 10: STABILITY & REACTIVITY 10.1 REACTIVITY	YELLOW – BROWN YELLOW. CHARACTERISTIC. 0.904 – 0.955 @ 20°C 87°C 1.490 – 1.520 INSOLUBLE IN WATER NO DATA. PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS, BY ITSELF OR IN CONTACT WITH WATER. STABLE UNDER NORMAL TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE.
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10.6
HAZARDOUS DECOMPOSITION PRODUCTS

THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	HARMFUL IF SWALLOWED
SKIN IRRITATION	CAUSES SKIN IRRITATION
EYE DAMAGE OR IRRITATION	CAUSES EYE IRRITATION
RESPIRATORY OR SKIN SENSITIVITY	NO DATA
GERM CELL MUTAGENICITY	NO DATA
CARCINOGENICITY	NOT APPLICABLE.
REPRODUCTIVE TOXICITY	Not Applicable.
STOT – SINGLE EXPOSURE	NOT APPLICABLE.
STOT - REPEATED EXPOSURE	Not Applicable.
ASPIRATION HAZARD	MAYBE FATAL IF SWALLOWED.
OTHER INFORMATION	NO DATA.
	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS NO DATA
TOXICITY 12.2	
TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3	NO DATA
TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA NO DATA CONSIDERED AS A READILY BIODEGRADABLE NCS. BASED ON THE READY BIODEGRADABILITY OF THE NCS, SIMULATION TESTS IN SURFACE WATER, SEDIMENT AND SOIL ARE NOT REQUIRED IN ACCORDANCE
TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL 12.5 RESULTS OF PBT & VPVB ASSESSMENT 12.6	NO DATA NO DATA CONSIDERED AS A READILY BIODEGRADABLE NCS. BASED ON THE READY BIODEGRADABILITY OF THE NCS, SIMULATION TESTS IN SURFACE WATER, SEDIMENT AND SOIL ARE NOT REQUIRED IN ACCORDANCE WITH EFFECTS.
TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL 12.5 RESULTS OF PBT & VPVB ASSESSMENT 12.6 OTHER ADVERSE EFFECTS	NO DATA NO DATA CONSIDERED AS A READILY BIODEGRADABLE NCS. BASED ON THE READY BIODEGRADABILITY OF THE NCS, SIMULATION TESTS IN SURFACE WATER, SEDIMENT AND SOIL ARE NOT REQUIRED IN ACCORDANCE WITH EFFECTS. THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.
TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL 12.5 RESULTS OF PBT & VPVB ASSESSMENT 12.6	NO DATA NO DATA CONSIDERED AS A READILY BIODEGRADABLE NCS. BASED ON THE READY BIODEGRADABILITY OF THE NCS, SIMULATION TESTS IN SURFACE WATER, SEDIMENT AND SOIL ARE NOT REQUIRED IN ACCORDANCE WITH EFFECTS. THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.

SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
UN NUMBER	ROAD: NOT REGULATED RAIL: NOT REGULATED AIR: NOT REGULATED
14.2 UN SHIPPING NAME	None
14.3 TRANSPORT HAZARD CLASS(ES)	NOT REGULATED
14.4 PACKING GROUP	NOT REGULATED
14.5 ENVIROMENTAL HAZARDS	Non Hazardous
14.6 SPECIAL PRECAUTIONS FOR USER	NO DATA.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NO ADDITIONAL DATA.
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF $18^{\rm TH}$ DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE $1999/45$ /EC and repealing council regulation (EEC) NO793/93 & commission regulation (EC) NO1488/94 as well as council directive $76/769$ /EEC & commission directive $91/155$ /ECC, $93/67$ /ECC, $93/105$ /EEC & $2000/21$ /EC (including amendments).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
Approved Code of Practice	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	-

SECTION 16: OTHER INFORMATION		
Hazard and/ or Precautionary Statements in full	H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H318 CAUSES SERIOUS EYE DAMAGE. H319 CAUSES SERIOUS EYE IRRITATION. H332 HARMFUL IF INHALED. H341 SUSPECTED OF CAUSING GENETIC DEFECTS. H351 SUSPECTED OF CAUSING CANCER.	

	H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
	H411 Toxic to aquatic life with long lasting effects
	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	International Maritime code for Dangerous Goods.
ADR	Accord European sur le transport des merchandises Dangereuses par Route (European
ADK	AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	International Carriage of Dangerous Goods by Rail.
ICAO	International Civil Aviation Organization.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10 TH APRIL 2018	Data Launch



SPECIFICATION SHEET

PRODUCT NAME: YLANG YLANG COMPLETE, ESSENTIAL OIL ORGANIC

PRODUCT INCI: CANANGA ODORATA FLOWER

PRODUCT CODE: OCYLAN

CAS NUMBER: 83863-30-3 / 8006-81-3 / 68606-83-7

EINECS NUMBER: 281-092-1

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	RANGE
Appearance	LIQUID
Colour	Yellow - Brown
Odour	Characteristic
SPECIFIC GRAVITY @ 20°C	0.920 – 0.980
REFRACTIVE INDEX @ 20°C	1.490 – 1.520
OPTICAL ROTATION (°C)	-40.0 to -5.0

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

24TH MAY 2018



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Ylang Ylang Complete Organic

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.

28/06/19