

## **CERTIFICATE OF ANALYSIS**

#### PRODUCT NAME: YLANG YLANG **3**, ESSENTIAL OIL BATCH NUMBER: 4508302

PRODUCT INCI: CANANGA ODORATA FLOWER OIL

PRODUCT CODE: OEYLANYLAN3

CAS NUMBER: 8006-81-3

EINECS NUMBER: 281-092-1

MANUFACTURING METHOD: STEAM DISTILLED

BEST BEFORE DATE: June 2026

ANALYTICAL DETAILS	RANGE	RESULTS
Appearance	LIQUID	-
Colour	Yellow - Brown	-
Odour	CHARACTERISTIC	-
Specific Gravity @ 20°C	0.904 - 0.955	0.921
Refractive Index @ 20°C	1.490 - 1.520	1.505
OPTICAL ROTATION (°C)	-70.0 то -15.0	-45.12

STORAGE CONDITIONS STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT



## Allergen Declaration:

PRODUCT NAME:	Ylang Ylang 3, Essential Oil			
INCI:	Cananga Odorata Flower			
The Fol	COSMETIC ALLERGENS			
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nex Illa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):	
67	AMYL CINNAMAL	122-40-7	0.00	
68	BENZYL ALCOHOL	100-51-6	<0.5	
69	CINNAMYL ALCOHOL	104-54-1	<0.1	
70	CITRAL	5392-40-5	<0.1	
71	EUGENOL	97-53-0	<0.5	
72	HYDROXY-CITRONELLAL	107-75-5	0.00	
73	ISOEUGENOL	97-54-1	<0.5	
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	<0.8	
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	<40.0	
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			
	n directive 2007/68/EC of 27th November 2007 amending Annex IIIa to Directive 200/13/EC of the European Po			
x Illa Reference:	CEREALS ( CONTAINING GLUTEN )	PRESENT IN PRODUCT: NO	CONTAMINATION PRESENCE: NO	FACTORY PRESENCE: YES
		NO		
2	CRUSTACEANS		NO	NO
3	EGGS FISH	NO	NO NO	NO NO
7				YES
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	
/	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



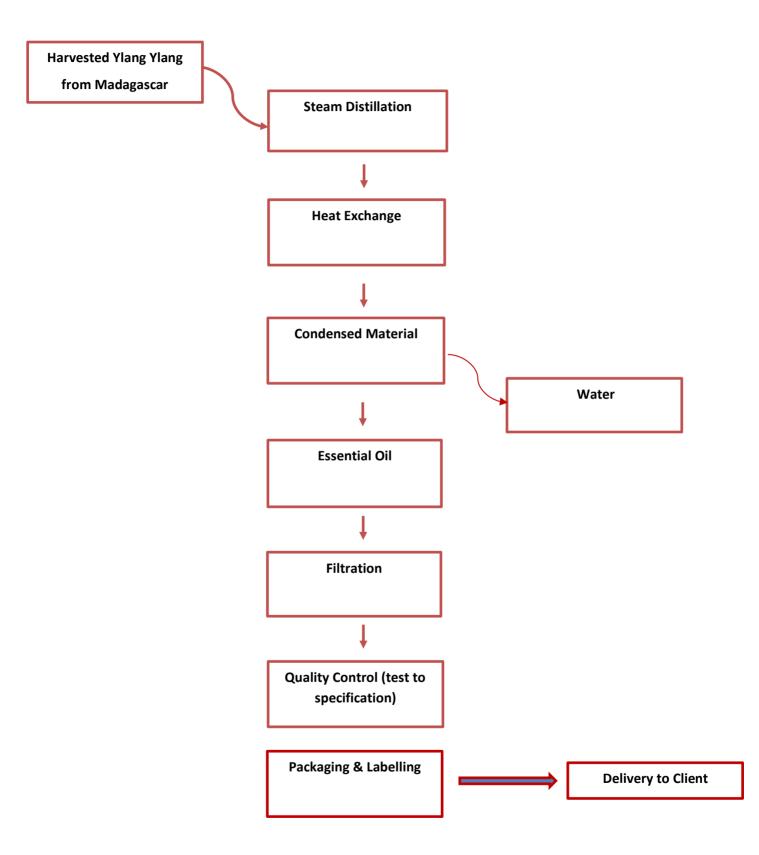
## Composition Statement & Manufacturing Flow Chart:

Ekokoza s.r.o. can hereby confirm the following composition breakdown & manufacturing process flow;

Ylang Ylang 3, Essential Oil

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







## **GMO Statement**

PRODUCT NAME: Ylang Ylang III

Ekokoza s.r.o. can confirm that the above listed product is GMO Free.

12/05/2020



## **IFRA S**TATEMENT

#### PRODUCT NAME: YLANG YLANG 3, ESSENTIAL OIL

PRODUCT INCI: CANANGA ODORATA FLOWER OIL

EKOKOZA S.R.O. 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<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 1.0	Specification
Linalool	78-70-6	≤ 10.0	Specification
Benzyl Benzoate	120-51-4	≤ 10.0	Restriction
Benzyl Salicylate	118-58-1	≤ 10.0	Restriction
Eugenol	97-53-0	≤ 1.0	Restriction
Farnesol	4602-84-0	≤ 5.0	Restriction, Specification
Geraniol	106-24-1	≤ 1.0	Restriction
lso eugenol	97-54-1	≤ 1.0	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.



IFRA Category	% Maximum Use Level
IFRA Category 1	0.13
IFRA Category 2	0.04
IFRA Category 3	0.78
IFRA Category 4	0.73
IFRA Category 5A	0.18
IFRA Category 5B	0.18
IFRA Category 5C	0.18
IFRA Category 5D	0.18
IFRA Category 6	0.43
IFRA Category 7A	1.50
IFRA Category 7B	1.50
IFRA Category 8	0.08
IFRA Category 9	1.40
IFRA Category 10A	5.10
IFRA Category 10B	5.10
IFRA Category 11A	0.70
IFRA Category 11B	0.70
IFRA Category 12	Not restricted

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 (leave-on products)
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	Applicable (leave-on products)
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable (leave-on products)
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	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 dedorizers, 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: 2020/878

SECTION 1: IDENTIFICATION OF	THE SUBSTANCE	/MIXTURE /	AND OF THE COMPANY/	UNDERTAKING	
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	Ylang Ylang 3, Essential Oil				
<b>BIOLOGICAL DEFINITION</b>		Cananga Odorata Flower Oil is the third stage fraction obtained by the distillation of Ylang Ylang flowers, Cananga odorata, Anonaceae.			STILLATION OF YLANG YLANG FLOWERS,
INCI NAME	Cananga Odora	ia Flower O	IL		
Synonyms & Trade Names	-	-			
INTERNAL PRODUCT CODE	K0498	К0498			
CAS-No	83863-30-3 / 8006-81-3 / 68606-83-7	EC No.	281-092-1	EINECS NO.	281-092-1
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	1.2 Details of the supplier of the safety data sheet				
Company Address	Ekokoza s.r.o. Fryčovice 297, 73945, Fryčovice IČ: 07508247, eshop@ekokoza.cz				
EMAIL	eshop@ekokoza.cz				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
EMERGENCY CONTACTS	+420224919293,++	420224915402	2		



### **SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.		
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	Physical hazards: Not classified		
	Health hazards: Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304		
CLASSIFICATION (EU1272/2008)			
	Environmental hazards: Aquatic Chronic 2 - H411		
2.2			
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.		
GHS LABEL	GHS07 GHS08 GHS09		
Signal Word	Danger		
Contains	BETA CARYOPHYLLENE, BENZYL SALICYLATE, LINALOOL, GERANYL ACETATE, FARNSEOL, ISOEUGENOL		
	H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.		
HAZARDS STATEMENT	H315 CAUSES SKIN IRRITATION.		
HAZARDS STATEMENT	H317 MAY CAUSE AN ALLERGIC SKIN REACTION.		
	H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.		
	P261 Avoid breathing vapour/ spray.		
	P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.		
	P273 AVOID RELEASE TO THE ENVIRONMENT.		
PRECAUTIONARY STATEMENTS	P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/ DOCTOR.		
	P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER.		
	P331 DO NOT INDUCE VOMITING.		
	P501 DISPOSE OF CONTENTS/ CONTAINER IN ACCORDANCE WITH NATIONAL REGULATIONS.		
	P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.		
	P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION.		
	P321 Specific treatment (see medical advice on this label). P332+P313 IF skin irritation occurs: Get medical advice/ attention.		
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P333+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ ATTENTION.		
	P362+P364 Take OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.		
	P302 17304 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.		
	P405 STORE LOCKED UP.		
	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.		
2.3 Other Hazards	· · · · · · · · · · · · · · · · · · ·		
Adverse physio-chemical properties	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.		
Adverse effects on human health	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.		
PBT OR VPVB ACCORDING TO ANNEX XIII	No additional data available.		

	10-15% BETA CARYOPHYLLENE	CAS No: 7-44	I-5 EC No: 201-746-1
	CLASSIFICATION (EC 1272/2008):	M factor (Acute) = $1 \text{ M}$ fa	ACTOR (CHRONIC) = $1$
	SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H	1317, ASP. TOX. 1 - H304,	
	AQUATIC ACUTE 1 - H400, AQUATIC CH	IRONIC 1 - H410	
3.1 SUBSTANCES	5 - 10% BENZYL BENZOATE	CAS NO: 120-51-4	EC No: 204-402-9
CLASSIFICATION (EC 1272/2008): M FACTOR (ACUTE) = 1 ACUTE TOX. 4 - H302, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 2 - H411		- H411	
	5 - 10% BENZYL SALICYLATE	CAS No: 118-58-1	EC No: 204-262-9
	CLASSIFICATION (EC 1272/2008): EYE	IRRIT. 2 - H319, SKIN SENS. 1B -	H317, AQUATIC CHRONIC 3 - H412



CL	CLASSIFICATION (EC 1272/2008):	78-70-6 EC NO: 201-134-4 Skin Irrit. 2 - H315, Eye Irrit. 2 CAS NO: 140-11-4	2 - H319, Skin Sens. 1 - H317 ЕС No: 205-399-7
	, , , , , , , , , , , , , , , , , , ,	Aquatic Chronic 3 - H412	
CL	- 5% Geranyl Acetate Classification (EC 1272/2008): Skin Irri 1412	CAS NO: 105-87-3 it. 2 - H315, Skin Sens. 1B - H	EC NO: 203-341-5 317, Aquatic Chronic 3 -
CL	-5% Farnseol CAS No: 4602-84 Classification (EC 1272/2008): Kin Irrit. 2 - H315, Skin Sens. 1 - H317,	M FACTOR (ACUTE) = 1 M FACTO	r (Chronic) = 1
		CAS NO: 104-93-8 Acute Tox. 4 - H302, Skin Irri	EC No: 203-253-7 t. 2 - H315, Repr. 2 - H361
CL	<b>LASSIFICATION (EC 1272/2008): ACUTE T</b> VE IRRIT. 2 - H319, SKIN SENS. 1 - H317, S		
	<b>1.0% Geraniol</b> CAS No: 106-24-1 Lassification (EC 1272/2008):		
	<b>LASSIFICATION (EC 1272/2008):</b>	97-53-0 ЕС No: 202-589-1 Еуе Irrit. 2 - Н319, Skin Sens.	1 - H317, Asp. Tox. 1 - H304

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	DO NOT INDUCE VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH AIR. GET MEDICAL ADVICE/ATTENTION.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
Eye Contact	IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR UP TO 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYES WIDE APART. GET MEDICAL ADVICE/ATTENTION. CONTINUE TO RINSE.
4.2 Most important symptoms & effects (Acute & Delayed)	No additional Data Available.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.



#### **SECTION 5: FIRE FIGHTING MEASURES**

5.1	SUITABLE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM.	
EXTINGUISHING MATERIAL	<b>UNSUITABLE EXTINGUISHING MEDIA:</b> DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS MAY SCATTER AND SPREAD FIRE.	
5.2	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO	
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR	HEALTH. DO NOT BREATHE IN SMOKE.	
MIXTURE	THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES:	
	CARBON DIOXIDE (CO2), CARBON MONOXIDE (CO), OTHER TOXIC GASES.	
	CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.	
5.3	AVOID INHALATION OF GENERATED FUMES OR VAPOURS. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATE	
Advice for fire-fighters	PROTECTIVE CLOTHING.	

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	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.
6.4 References to other sections	Refer & Consider Section 7, 8. Refer & Consider Section 13.

### **SECTION 7: HANDLING & STORAGE**

7.1 Precautions for safe-handling	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND 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 OR SMOKE WHEN USING THIS PRODUCT.	
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	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.	
7.3 Specific end use(s)	NO DATA.	

#### **SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION**

8.1 Control Parameters	BENZYL SALICYLATE (CAS: 118-58-1) DNEL WORKERS - INHALATION; WORKERS - DERMAL; GENERAL POPULATION - INHALATION; GENERAL POPULATION - DERMAL; GENERAL POPULATION - ORAL; PNEC - FRESH WATER; - FRESH WATER; - SATP; - SEDIMENT (FRESHWATER); - SEDIMENT (MARINE WATER); - SOIL;	Long term systemic effects: 3.17 mg/m <sup>3</sup> Long term systemic effects: 0.9 bw/day, mg/kg Long term systemic effects: 0.78 mg/m <sup>3</sup> Long term systemic effects: 0.45 bw/day, mg/kg Long term systemic effects: 0.45 mg/kg, bw/day Short term 0.001 mg/L Intermittent release, 0.01 mg/L Short term 0 mg/L Short term 10 mg/L Short term 10 mg/L Short term 0.583 mg/kg Short term 1.41 mg/kg



LINALOOL	(CAS:	78-7	0-6)
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) DNE WORKERS - DERMAL; SHORT TERM SYSTEMIC EFFECTS: 5 MG/KG WORKERS - INHALATION; SHORT TERM SYSTEMIC EFFECTS: 16.5 MG/M<sup>3</sup> WORKERS - DERMAL: LONG TERM SYSTEMIC EFFECTS: 2.5 MG/KG WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 2.8 MG/M<sup>3</sup> GENERAL POPULATION - ORAL; SHORT TERM SYSTEMIC EFFECTS: 1.5 MG/KG GENERAL POPULATION - DERMAL; SHORT TERM SYSTEMIC EFFECTS: 2.5 MG/KG GENERAL POPULATION - INHALATION; SHORT TERM SYSTEMIC EFFECTS: 4.1 MG/M<sup>3</sup> GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.2 MG/KG LONG TERM SYSTEMIC EFFECTS: 1.25 MG/KG GENERAL POPULATION - DERMAL; GENERAL POPULATION - INHALATION: LONG TERM SYSTEMIC EFFECTS: 0.7 MG/M<sup>3</sup> PNFC - STP; SHORT TERM 10 MG/L - SOIL; SHORT TERM 0.327 MG/KG - INTERMITTENT RELEASE; SHORT TERM 2 MG/L - FRESH WATER: SHORT TERM 0.2 MG/L - MARINE WATER; SHORT TERM 0.02 MG/L - SEDIMENT (FRESHWATER); SHORT TERM 2.22 MG/KG - SEDIMENT (MARINE WATER); SHORT TERM 0.222 MG/KG GERANYL ACETATE (CAS: 105-87-3) DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 62.59 MG/M<sup>3</sup> WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 35.5 BW/DAY, MG/KG GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 15.4 MG/M<sup>3</sup> GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 17.75 MG/KG, BW/DAY GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 8.9 MG/KG, BW/DAY PNEC - FRESH WATER; SHORT TERM 3.72 MG/L - FRESH WATER, INTERMITTENT RELEASE: 37.2 MG/L SHORT TERM 0.372 MG/L - MARINE WATER; - STP; SHORT TERM 8 MG/L - SEDIMENT (FRESHWATER); SHORT TERM 0.442 MG/KG - SEDIMENT (MARINE WATER); SHORT TERM 0.044 MG/KG - SOIL: SHORT TERM 0.086 MG/KG BENZYL ACETATE (CAS: 140-11-4) DNEL WORKERS - INHALATION: LONG TERM SYSTEMIC EFFECTS: 21.9 MG/M<sup>3</sup> WORKERS - INHALATION; SHORT TERM SYSTEMIC EFFECTS: 43.8 MG/M<sup>3</sup> WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 6.25 MG/KG, BW/DAY SHORT TERM SYSTEMIC EFFECTS: 12.5 BW/DAY, MG/KG WORKERS - DERMAL GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 5.5 MG/M<sup>3</sup> GENERAL POPULATION - INHALATION; SHORT TERM SYSTEMIC EFFECTS: 11 MG/M<sup>3</sup> GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 3.125 BW/DAY, MG/KG GENERAL POPULATION - DERMAL; SHORT TERM SYSTEMIC EFFECTS: 6.25 BW/DAY, MG/KG LONG TERM SYSTEMIC EFFECTS: 3.125 MG/KG, BW/DAY GENERAL POPULATION - ORAL: GENERAL POPULATION - ORAL; SHORT TERM SYSTEMIC EFFECTS: 6.25 MG/KG, BW/DAY PNEC SHORT TERM 0.004 MG/L - FRESH WATER: - INTERMITTENT RELEASE, FRESH WATER; 0.04 MG/L - MARINE WATER; SHORT TERM 0 MG/L SHORT TERM 8.55 MG/L - STP; - SEDIMENT (FRESHWATER); SHORT TERM 0.114 MG/KG - SEDIMENT (MARINE WATER); SHORT TERM 0.011 MG/KG - SOIL; SHORT TERM 0.021 MG/KG P-CRESYL METHYL ETHER (CAS: 104-93-8) DNEL WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 2.9 MG/M<sup>3</sup> LONG TERM SYSTEMIC EFFECTS: 13.9 MG/KG, BW/DAY WORKERS - DERMAL GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.7 MG/M<sup>3</sup> GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 8.3 BW/DAY, MG/KG GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.4 BW/DAY, MG/KG PNEC - FRESH WATER: SHORT TERM 0.027 MG/L SHORT TERM 0.003 MG/L - MARINE WATER; - STP; SHORT TERM 10 MG/L

SHORT TERM 0.862 MG/KG

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- SEDIMENT (FRESHWATER);



	- SEDIMENT (MARINE WATER);	Short term 0.086 mg/kg
	GERANIOL (CAS: 106-24-1)	
		LONG TERM SYSTEMIC SEFECTS, 141 4 MC /M3
	WORKERS - INHALATION; WORKERS - DERMAL;	LONG TERM SYSTEMIC EFFECTS: 161.6 MG/M <sup>3</sup> LONG TERM SYSTEMIC EFFECTS: 12.5 MG/KG, BW/DAY
	GENERAL POPULATION - INHALATION;	LONG TERM SYSTEMIC EFFECTS: $17.5 \text{ MG/RG}$ , $500/\text{RG}$
	GENERAL POPULATION - DERMAL;	LONG TERM SYSTEMIC EFFECTS: 7.5 BW/DAY, MG/KG
	GENERAL POPULATION - ORAL; PNEC	LONG TERM SYSTEMIC EFFECTS: 13.75 BW/DAY, MG/KG
	- FRESH WATER;	Short term 0.011 mg/l
	- FRESH WATER;	Intermittent release, 0.108 mg/l
	- MARINE WATER;	Short term 0.001 mg/l
	- STP;	Short term 0.7 mg/l
	- SEDIMENT (FRESHWATER);	SHORT TERM 0.115 MG/KG
	- SEDIMENT (MARINE WATER);	Short term 0.011 mg/kg
	- Soil;	Short term 0.017 mg/kg
	EUGENOL (CAS: 97-53-0) DNEL	
	Workers - Inhalation;	Long term systemic effects: $21.2 \text{ mg/m}^3$
	WORKERS - DERMAL;	LONG TERM SYSTEMIC EFFECTS: 6 BW/DAY, MG/KG
	GENERAL POPULATION - INHALATION; LONG TERM	SYSTEMIC EFFECTS: 5.22 MG/M <sup>3</sup>
	GENERAL POPULATION - DERMAL;	LONG TERM SYSTEMIC EFFECTS: 3 BW/DAY, MG/KG
	GENERAL POPULATION - ORAL;	LONG TERM SYSTEMIC EFFECTS: 3 BW/DAY, MG/KG
	PNEC	
	- FRESH WATER;	SHORT TERM 1.13 MG/L
	- FRESH WATER; - MARINE WATER;	INTERMITTENT RELEASE, 11.3 MG/L SHORT TERM 0.113 MG/L
	- SEDIMENT (FRESHWATER);	Short term 0.081 mg/kg
	- SEDIMENT (MARINE WATER);	Short term 0.008 mg/kg
	- SOIL;	
3.2 EXPOSURE CONTROLS		
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
TAND I KOLENON	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FAC	A PROTECTION.
		CIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR
		R CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING
RESPIRATORY EQUIPMENT	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	
		OSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO
	REFER TO SECTIONS 2 AND 7.	

PROVIDE ADEQUATE VENTILATION.

HYGIENE MEASURES

SKIN PROTECTION

**OTHER PROTECTION** 

PROCESS CONDITIONS

**ENVIROMENTAL EXPOSURE CONTROLS** 

ENGINEERING MEASURES

PERSONAL PROTECTION

GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. DO

NOT EAT, DRINK OR SMOKE DURING USE. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USING.

WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.

ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.

AVOID DISCHARGING INTO DRAINAGE WATER. ONLY ELIMINATE BY AUTHORISED COMPANIES.

WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.

AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.



SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	
9.1 Physical & Chemical Properties	
Appearance	Liquid
COLOUR	PALE YELLOW – DARK YELLOW.
Odour	CHARACTERISTIC.
RELATIVE DENSITY	Approx 0.929 @ 20°C
FLASH POINT (°C)	>88°C
<b>Refractive Index @ 20</b> °C	Approx. 1.505 @ 20°C
Solubility in water @ 20 $^\circ$ C	0.013G/LM WATER @25°C
	Melting Point (°C): 15.76
9.2	BOILING POINT (°C): 125
OTHER INFORMATION	VAPOUR PRESSURE: 3.04 PA @25°C
	AUTO-IGNITION TEMPERATURE (°C): 240.0
SECTION 10: STABILITY & REACTIVITY	
PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS, BY ITSELF OR IN CONTACT WITH WATER. STABLE UNDER NORM	
REACTIVITY	TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE.
10.2 Chemical stability	Stable under suggested storage conditions (<15 $^{\circ}$ C).
10.3 Possibility of hazardous reactions	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.
10.4 Conditions to avoid	AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.
10.5 Incompatible materials	AVOID CONTACT WITH STRONG ACIDS, ALKALIS OR OXIDISING AGENTS.
	NOT EXPECTED UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other
	TOXIC GASES.

SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 Toxicological effects	
Αсυτε Τοχιςιτγ	ATE ORAL (MG/KG) 6,410.26
Skin irritation	MAY CAUSE SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	NOT CLASSIFIED
<b>R</b> ESPIRATORY OR SKIN SENSITIVITY	SKIN - MAY CAUSE AN ALLERGIC SKIN REACTION.
GERM CELL MUTAGENICITY	NOT CLASSIFIED
Carcinogenicity	NOT CLASSIFIED.
<b>R</b> EPRODUCTIVE TOXICITY	NOT CLASSIFIED.
STOT - SINGLE EXPOSURE	NOT CLASSIFIED.



NOT CLASSIFIED.
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
NO DATA.

#### **SECTION 12: ECOLOGICAL INFORMATION**

12.1	ACUTE TOXICITY - AQUATIC INVERTEBRATES	EL50, 48 hours: 10.4 mg/l, Daphnia magna
Τοχιςιτγ	ACUTE TOXICITY - MICROORGANISMS	EC <sub>50</sub> , 3 hours: 1000 mg/l, Activated sludge
12.2 Persistence & degradability	ΝΟ ΔΑΤΑ	
12.3 BIO- ACCUMULATIVE POTENTIAL	PARTITION COEFFICIENT LOG POW: 6.995	
12.4 Mobility in soil	NO ADDITIONAL DATA AVAILABLE.	
12.5 Results of PBT & VPVB assessment	NO ADDIITIONAL DATA AVAILABLE.	
12.6 Other adverse effects	NO ADDITIONAL DATA AVAILABLE.	

#### **SECTION 13: DISPOSAL INFORMATION**

13.1 Waste treatment methods	DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS. WASTE: WASTE MANAGEMENT IS CARRIED OUT WITHOUT ENDANGERING HUMAN HEALTH, WITHOUT HARMING THE ENVIRONMENT AND, IN PARTICULAR WITHOUT RISK TO WATER, AIR, SOIL, PLANTS OR ANIMALS. RECYCLE OR DISPOSE OF WASTE IN COMPLIANCE WITH CURRENT LEGISLATION, PREFERABLY VIA A CERTIFIED COLLECTOR OR COMPANY. DO NOT CONTAMINATE THE GROUND OR WATER WITH WASTE. DO NOT DISPOSE OF WASTE INTO THE ENVIRONMENT.
	<b>Soiled Packaging:</b> Empty container completely. Keep label(s) on container. Dispose of via a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION	
14.1 Transport Information	
	ROAD: 3082
UN NUMBER	RAIL: 3082
	AIR: 3082
14.2 UN Shipping Name	ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O.S
14.3 Transport hazard class(es)	ADR/RID ADR/RID – CLASS 9 ADR CLASSIFICATION CODE – M6 ADR TRANSPORT CATEGORY - 3 HARD IDENTIFICATION NUMBER - 90 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – 51 EMERGENCY ACTION CODE – •3Z IMDG IMDG – CLASS 9 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L



	EXPECTED QUANTITIES – E1
	IMDG EMS – F-A, S-F Stowage and Handling – Category A
	STOWAGE AND TIANDEING CALLOOKT A
	ICAO/IATA
	ICAO/IATA- CLASS 9
	IATA PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
	EXPECTED QUANTITIES – E1
	TRANSPORT LABEL:
	AIN
	9
	Ŵ
14.4	ADR/RID PACKING GROUP: III
PACKING GROUP	IMDG PACKING GROUP: III
	ICAO PACKING GROUP: III
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.
	$\wedge$
14.5	₩
ENVIROMENTAL HAZARDS	
	$\checkmark$
14.6	SEE SECTIONS 6 - 8.
SPECIAL PRECAUTIONS FOR USER	
14.7	
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NOT APPLICABLE.
SECTION 15: REGULATORY INFORMATION	
15.1	
PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS &	
LEGISLATION	
	Regulation (EC) No 1907/2006 of the European Parliament and of the council of $18^{TH}$
	DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF
EU DIRECTIVES	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).
	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009
STATUTORY INSTRUMENTS	No 716).
	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA
APPROVED CODE OF PRACTICE	
<b>A</b>	SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CULTANICAL SAFETY ACCECCMENT	-
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. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction.	



THE Z HANNI OF TO AQUARE LIFE WITH EONO EASING EFFECTS.
H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
H400 VERY TOXIC TO AQUATIC LIFE.
H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.
H319 CAUSES SERIOUS EYE IRRITATION.
H318 CAUSES SERIOUS EYE DAMAGE.

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
	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 <sup>™</sup> April 2018	Data Launch
OCOTBER 2020	Review
2021	Review
DECEMBER 2022	EU REGULATION CHANGED



# **SPECIFICATION SHEET**

PRODUCT NAME: YLANG YLANG 3, ESSENTIAL OIL
Product Inci: Cananga Odorata Flower
PRODUCT CODE: OEYLANYLAN3
CAS NUMBER: 8006-81-3
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	0.910 – 0.975
Refractive Index @ 20°C	1.495 – 1.515
OPTICAL ROTATION (°C)	-50.0 то -5.0

STORAGE CONDITIONS

Store in a cool dry place away from heat  $\&\ {\mbox{sunlight}}$ 

DOCUMENTATION REVIEW DATE:

24<sup>th</sup> May 2018



## Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Ylang Ylang III

Ekokoza s.r.o. 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.

12/05/2020