



YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)
Issue date: 5/10/2024 Version: 1.0

SECTION 1: Identification

1.1 Product identifier

Product name : YLANG YLANG #34947F
Product form : Mixture
Type of product : Perfumes, Fragrances
Product code : 34947F

1.2 Other means of identification

No additional information available

1.3 Recommended use of the chemical and restrictions on use

Recommended use : Perfumes, Fragrances

1.4 Details of manufacturer or importer

CANDLE CREATIONS
34B WILLIAM PICKERING DRIVE,
ROSEDALE, AUCKLAND, 0632,
NEW ZEALAND
T +64-9448-1920
info@candlecreations.co.nz – www.candlecreations.co.nz

1.5. Emergency phone number

Emergency number : NZ NATIONAL POISONS CENTRE – 0800 POISON (0800-764-766)

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Acute toxicity (oral) Category 4	H302
Serious eye damage/eye irritation, Category 2	H319
Skin sensitization, Category 1	H317
Hazardous to the aquatic environment – Acute Hazard Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard Category 2	H411

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Hazard pictograms (GHS NZ)



Signal word (GHS NZ)

: Warning

Contains

: benzyl benzoate (26.8 – 53.53 %); Benzyl salicylate (3.3 – 6.6 %); Amyl salicylate (2.4 – 4.75 %); Eugenol (2.3 – 4.5 %); Phenylethyl alcohol (2 – 4 %); Hexyl salicylate (2 – 3.9962 %); Amyl cinnamic aldehyde (1.3 – 2.5 %); Hexyl cinnamic aldehyde (1.2 – 2.4 %); Geranyl acetate (0.5 – 1 %); Geraniol (0.3 – 0.54 %); Cyclamal (0.2 – 0.3931 %); Nerol (0.2 – 0.36 %); Cinnamic alcohol (0.2 – 0.3 %); (R)-p-mentha-1,8-diene, d-limonene (0.1 – 0.25 %); Methyl salicylate (0.1 – 0.2 %); Nerolidol (0.1 – 0.1 %)

Hazard statements (GHS NZ)

: H302 - Harmful if swallowed
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Prevention	: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
------------	--

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
benzyl benzoate	CAS-No.: 120-51-4	26.8 – 53.53	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Benzyl salicylate	CAS-No.: 118-58-1	3.3 – 6.6	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Amyl salicylate	CAS-No.: 2050-08-0	2.4 – 4.75	Acute Tox. 4 (Oral), H302 Aquatic Chronic 1, H410
Eugenol	CAS-No.: 97-53-0	2.3 – 4.5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 3, H402 Hazardous to terrestrial vertebrates, H434
Hexyl salicylate	CAS-No.: 6259-76-3	2 – 3.9962	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl acetate	CAS-No.: 140-11-4	1.5 – 2.9	Flam. Liq. 4, H227 Aquatic Chronic 3, H412
Amyl cinnamic aldehyde	CAS-No.: 122-40-7	1.3 – 2.5	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0	1.2 – 2.4	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Geranyl acetate	CAS-No.: 105-87-3	0.5 – 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Geraniol	CAS-No.: 106-24-1	0.3 – 0.54	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402
Cyclamal	CAS-No.: 103-95-7	0.2 – 0.3931	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Name	Product identifier	%	Classification according to GHS NZ
Nerol	CAS-No.: 106-25-2	0.2 – 0.36	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 3, H402
	CAS-No.: 104-21-2	0.2 – 0.3	Skin Sens. 1, H317
Cinnamic alcohol	CAS-No.: 104-54-1	0.2 – 0.3	Skin Sens. 1, H317
(R)-p-mentha-1,8-diene, d-limonene	CAS-No.: 5989-27-5	0.1 – 0.25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Methyl salicylate	CAS-No.: 119-36-8	0.1 – 0.2	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 Hazardous to terrestrial vertebrates, H434
Nerolidol	CAS-No.: 7212-44-4	0.1 – 0.1	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.
Absorb spillage to prevent material-damage.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.
Absorb spillage to prevent material-damage.
6.1.1. For non-emergency personnel
Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapors/spray.
6.1.2. For emergency responders
Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

- For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling : Ensure good ventilation of the work station. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid contact with skin and eyes. Wear personal protective equipment.

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Hygiene measures : Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands thoroughly after handling. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Storage temperature : 25 °C
Storage area : Store in a well-ventilated place. Store away from heat.
Special rules on packaging : Store in a closed container.
Packaging materials : Do not store in corrodable metal. Store always product in container of same material as original container.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Benzyl acetate (140-11-4)	
Malaysia - Occupational Exposure Limits	
PEL (OEL TWA)	61 mg/m ³
	10 ppm
MEL (mg/m ³)	183 mg/m ³
MEL (ppm)	30 ppm
China - Occupational Exposure Limits	
Catalogue of Occupational Hazard Factors	Category 2 - Chemical Factors
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA)	28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Chemical category	skin notation, Skin sensitization

Exposure limit values of other components

No additional information available

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Avoid all unnecessary exposure.
Hand protection : Wear protective gloves.

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Eye protection : Chemical goggles or safety glasses. Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : Wear appropriate mask

Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.
Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state : Liquid
Appearance : No data available
Color : light yellow amber
Odor : characteristic
Odor threshold : No additional information available
pH : No additional information available
Evaporation rate : No additional information available
Relative evaporation rate (butyl acetate=1) : No data available
Melting point / Freezing point : Melting point: Not applicable
Boiling point : No data available
Flash point : > 93.3 °C
Auto-ignition temperature : No data available
Flammability : Not applicable
Vapor pressure : Vapor pressure: 0.002090599 mm Hg (calculated value)
Relative density : No additional information available
Density : Relative density: ≈ 1.073
Solubility : No additional information available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Explosion limits : No additional information available
Minimum ignition energy : No data available
VOC content : 13.82 % (calculated value)(CARB VOC) (%w/w)

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability : Not established.
Possibility of hazardous reactions : Not established.
Conditions to avoid : Direct sunlight. Extremely high or low temperatures.
Incompatible materials : Strong acids. Strong bases.
Hazardous decomposition products : fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Transport hazard class(es)

11.1. Toxicity

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

YLANG YLANG #34947F

ATE NZ (oral)	823.875 mg/kg body weight
---------------	---------------------------

benzyl benzoate (120-51-4)

LD50 oral rat	500 mg/kg (Source: NLM_CIP)
---------------	-----------------------------

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

benzyl benzoate (120-51-4)	
LD50 oral	1160 mg/kg body weight
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
Benzyl salicylate (118-58-1)	
LD50 oral rat	2227 mg/kg (Source: NLM_CIP)
LD50 oral	2200 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Amyl salicylate (2050-08-0)	
LD50 oral rat	4100 mg/kg (Source: NZ_CCID)
LD50 oral	2000 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
LD50 oral	2500 mg/kg body weight
Hexyl salicylate (6259-76-3)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)
LD50 oral	2490 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)
Amyl cinnamic aldehyde (122-40-7)	
LD50 oral rat	3730 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 2000 mg/kg (Source: CHEMVIEW)
Hexyl cinnamic aldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg (Source: NLM_CIP)
LD50 oral	3100 mg/kg body weight
LD50 dermal rabbit	> 3000 mg/kg (Source: EPA_HPVS)
LC50 Inhalation - Rat	> 5 mg/l/4h
Geranyl acetate (105-87-3)	
LD50 oral rat	6330 mg/kg (Source: NLM_CIP)
Geraniol (106-24-1)	
LD50 oral rat	3600 mg/kg (Source: NLM_CIP)
LD50 oral	3600 mg/kg body weight
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)
Nerol (106-25-2)	
LD50 oral rat	4500 mg/kg (Source: NLM_CIP)
LD50 oral	4500 mg/kg body weight
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Cyclamal (103-95-7)	
LD50 oral rat	3810 mg/kg (Source: NLM_CIP)
LD50 oral	3810 mg/kg body weight
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)
(104-21-2)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
Cinnamic alcohol (104-54-1)	
LD50 oral	2000 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)
Methyl salicylate (119-36-8)	
LD50 oral rat	887 mg/kg (Source: NLM_CIP)
LD50 oral	890 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg (Source: NLM_CIP)
Nerolidol (7212-44-4)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
benzyl benzoate (120-51-4)	
Viscosity, kinematic	7.456 mm²/s
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
Hydrocarbon	Yes
Potential Adverse human health effects and symptoms	: Harmful if swallowed. Based on available data, the classification criteria are not met.

SECTION 12: Document changes control

12.1. Ecotoxicity

Ecology - general	: Toxic to aquatic life with long lasting effects. Very toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.
Soil toxicity	: Not classified
Terrestrial vertebrate toxicity	: Not classified
Terrestrial invertebrate toxicity	: Not classified

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Other information : Avoid release to the environment.

benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
NOEC (chronic)	0.168 mg/l
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
LD50 oral rat	500 mg/kg (Source: NLM_CIP)
Benzyl salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
Partition coefficient n-octanol/water (Log Pow)	4
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
LD50 oral rat	2227 mg/kg (Source: NLM_CIP)
Amyl salicylate (2050-08-0)	
BCF - Fish [1]	(1170 dimensionless (whole body w.w.)
Partition coefficient n-octanol/water (Log Pow)	4.5 (at 30 °C)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
LD50 oral rat	4100 mg/kg (Source: NZ_CCID)
Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5)
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
Hexyl salicylate (6259-76-3)	
Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)
Amyl cinnamic aldehyde (122-40-7)	
Partition coefficient n-octanol/water (Log Pow)	2.498 (at 25 °C (at pH 6.2)
LD50 dermal rabbit	> 2000 mg/kg (Source: CHEMVIEW)
LD50 oral rat	3730 mg/kg (Source: CHEMVIEW)
Hexyl cinnamic aldehyde (101-86-0)	
LD50 dermal rabbit	> 3000 mg/kg (Source: EPA_HPVS)
LD50 oral rat	3100 mg/kg (Source: NLM_CIP)
Geranyl acetate (105-87-3)	
Partition coefficient n-octanol/water (Log Pow)	4.04
LD50 oral rat	6330 mg/kg (Source: NLM_CIP)

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Geraniol (106-24-1)	
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)
Partition coefficient n-octanol/water (Log Pow)	2.6 (at 25 °C)
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)
LD50 oral rat	3600 mg/kg (Source: NLM_CIP)
Nerol (106-25-2)	
LC50 - Fish [1]	20.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 30 °C (at pH 6.5)
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)
LD50 oral rat	4500 mg/kg (Source: NLM_CIP)
Cyclamal (103-95-7)	
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)
	> 5000 mg/kg (Source: ECHA_API)
LD50 oral rat	3810 mg/kg (Source: NLM_CIP)
(104-21-2)	
Partition coefficient n-octanol/water (Log Pow)	1.9 (at 35 °C)
	> 2000 mg/kg (Source: ECHA_API)
Cinnamic alcohol (104-54-1)	
Partition coefficient n-octanol/water (Log Pow)	1.636 (at 27 °C (at pH 3.52)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)
Methyl salicylate (119-36-8)	
Partition coefficient n-octanol/water (Log Pow)	2.55
LD50 dermal rabbit	> 5000 mg/kg (Source: NLM_CIP)
LD50 oral rat	887 mg/kg (Source: NLM_CIP)
Nerolidol (7212-44-4)	
LC50 - Fish [1]	1.3 – 1.58 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	1.4 – 2.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
Partition coefficient n-octanol/water (Log Pow)	4.5 (at 24 °C (at pH 7)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

12.2. Persistence and degradability

YLANG YLANG #34947F

Persistence and degradability	Not established.
-------------------------------	------------------

benzyl benzoate (120-51-4)

Persistence and degradability	May cause long-term adverse effects in the environment.
-------------------------------	---

Benzyl salicylate (118-58-1)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Amyl salicylate (2050-08-0)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Eugenol (97-53-0)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Hexyl salicylate (6259-76-3)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Benzyl acetate (140-11-4)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Amyl cinnamic aldehyde (122-40-7)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Hexyl cinnamic aldehyde (101-86-0)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Geranyl acetate (105-87-3)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Geraniol (106-24-1)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Nerol (106-25-2)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Cyclamal (103-95-7)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

(104-21-2)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Cinnamic alcohol (104-54-1)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Methyl salicylate (119-36-8)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

Nerolidol (7212-44-4)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

12.3. Bioaccumulative potential

YLANG YLANG #34947F

Bioaccumulative potential	Not established.
---------------------------	------------------

benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
---	-----------------

Bioaccumulative potential	Not established.
---------------------------	------------------

Benzyl salicylate (118-58-1)

Partition coefficient n-octanol/water (Log Pow)	4
---	---

Amyl salicylate (2050-08-0)

BCF - Fish [1]	(1170 dimensionless (whole body w.w.))
----------------	--

Partition coefficient n-octanol/water (Log Pow)	4.5 (at 30 °C)
---	----------------

Eugenol (97-53-0)

Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5))
---	-----------------------------

Hexyl salicylate (6259-76-3)

Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7))
---	--------------------------

Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7))
---	---------------------------

Amyl cinnamic aldehyde (122-40-7)

Partition coefficient n-octanol/water (Log Pow)	2.498 (at 25 °C (at pH 6.2))
---	------------------------------

Geranyl acetate (105-87-3)

Partition coefficient n-octanol/water (Log Pow)	4.04
---	------

Geraniol (106-24-1)

Partition coefficient n-octanol/water (Log Pow)	2.6 (at 25 °C)
---	----------------

Nerol (106-25-2)

Partition coefficient n-octanol/water (Log Pow)	2.76 (at 30 °C (at pH 6.5))
---	-----------------------------

Cyclamal (103-95-7)

Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)
---	----------------

(104-21-2)

Partition coefficient n-octanol/water (Log Pow)	1.9 (at 35 °C)
---	----------------

Cinnamic alcohol (104-54-1)

Partition coefficient n-octanol/water (Log Pow)	1.636 (at 27 °C (at pH 3.52))
---	-------------------------------

(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)

Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2))
---	-----------------------------

Methyl salicylate (119-36-8)

Partition coefficient n-octanol/water (Log Pow)	2.55
---	------

Nerolidol (7212-44-4)

Partition coefficient n-octanol/water (Log Pow)	4.5 (at 24 °C (at pH 7))
---	--------------------------

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

12.4. Mobility in soil

YLANG YLANG #34947F

Mobility in soil	No additional information available
------------------	-------------------------------------

benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
---	-----------------

Benzyl salicylate (118-58-1)

Partition coefficient n-octanol/water (Log Pow)	4
---	---

Amyl salicylate (2050-08-0)

Partition coefficient n-octanol/water (Log Pow)	4.5 (at 30 °C)
---	----------------

Eugenol (97-53-0)

Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5))
---	-----------------------------

Hexyl salicylate (6259-76-3)

Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7))
---	--------------------------

Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7))
---	---------------------------

Amyl cinnamic aldehyde (122-40-7)

Partition coefficient n-octanol/water (Log Pow)	2.498 (at 25 °C (at pH 6.2))
---	------------------------------

Geranyl acetate (105-87-3)

Partition coefficient n-octanol/water (Log Pow)	4.04
---	------

Geraniol (106-24-1)

Partition coefficient n-octanol/water (Log Pow)	2.6 (at 25 °C)
---	----------------

Nerol (106-25-2)

Partition coefficient n-octanol/water (Log Pow)	2.76 (at 30 °C (at pH 6.5))
---	-----------------------------

Cyclamal (103-95-7)

Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)
---	----------------

(104-21-2)

Partition coefficient n-octanol/water (Log Pow)	1.9 (at 35 °C)
---	----------------

Cinnamic alcohol (104-54-1)

Partition coefficient n-octanol/water (Log Pow)	1.636 (at 27 °C (at pH 3.52))
---	-------------------------------

(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)

Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2))
---	-----------------------------

Methyl salicylate (119-36-8)

Partition coefficient n-octanol/water (Log Pow)	2.55
---	------

Nerolidol (7212-44-4)

Partition coefficient n-octanol/water (Log Pow)	4.5 (at 24 °C (at pH 7))
---	--------------------------

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations. Disposal must be done according to official regulations.
Ecological information	: Avoid release to the environment.
Additional information	: Do not re-use empty containers.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

14.1. UN number

UN-No.(UN RTDG)	: Not applicable
UN-No. (IMDG)	: 3082
UN-No. (IATA)	: 3082

14.2. UN proper shipping name

Proper Shipping Name (UN RTDG)	: Not applicable
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amyl salicylate)
Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s. (Amyl salicylate)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amyl salicylate), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Amyl salicylate), 9, III

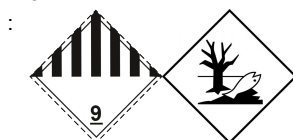
14.3. Transport hazard class(es)

UN RTDG

Transport hazard class(es) (UN RTDG)	: Not applicable
--------------------------------------	------------------

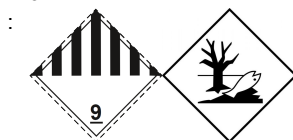
IMDG

Transport hazard class(es) (IMDG)	: 9
Hazard labels (IMDG)	: 9



IATA

Transport hazard class(es) (IATA)	: 9
Hazard labels (IATA)	: 9



14.4. Packing group

Packing group (UN RTDG)	: Not applicable
Packing group (IMDG)	: III
Packing group (IATA)	: III

14.5. Emergency telephone number

Dangerous for the environment	: True
Marine pollutant	: Yes
Other information	: No supplementary information available

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

14.6. Special precautions for user

Transport by road and rail

Not applicable

Transport by sea

Special provision (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provision (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

SECTION 15: Regulatory information

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

benzyl benzoate (120-51-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003504
----------------------	-----------

Benzyl salicylate (118-58-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003501
----------------------	-----------

Amyl salicylate (2050-08-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003234
----------------------	-----------

Eugenol (97-53-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003486
----------------------	-----------

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Benzyl acetate (140-11-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002908
----------------------	-----------

Geraniol (106-24-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003176
----------------------	-----------

Cinnamic alcohol (104-54-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003482
----------------------	-----------

(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002725
----------------------	-----------

Methyl salicylate (119-36-8)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003181
----------------------	-----------

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 5/10/2024

Other information : None.

Full text of H-phrases

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment – Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment – Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Hazardous to terrestrial vertebrates	Hazardous to terrestrial vertebrates

YLANG YLANG #34947F

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Full text of H-phrases	
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
H226	Flammable liquid and vapour
H227	Combustible liquid
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
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
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
H434	Hazardous to terrestrial vertebrates

CANDLE CREATIONS SDS NEW ZEALAND

The data contained in this Safety Data Sheet is accurate to the best knowledge of Candle Creations applies to the product as supplied by Candle Creations and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Candle Creations assume responsibility for use or reliance upon this data.

This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact info@candlecreations.co.nz