

Safety Data Sheet

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

Issue date: 7/11/2022 Version: 1.0

SECTION 1: Identification

1.1 Product identifier

Product name : Lancome Le Vie est Belle #:

Product form Mixture
Product code :

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

ZEN AROMA 22c Portside Drive Mt Maunganui, 3116 New Zealand PH: 07 578 4755 support@zenaroma.co.nz

1.5. Emergency phone number

Emergency number 0800 764 766 NZ Poisons Centre

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)

Skin corrosion/irritation, Category 2
H315
Serious eye damage/eye irritation, Category 2
H319
Skin sensitisation, Category 1
H317
Specific target organ toxicity – Repeated exposure, Category 2
H373
Hazardous to the aquatic environment – Chronic Hazard, Category 2
H411

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Prevention

Hazard pictograms (GHS NZ)





Signal word (GHS NZ) : Warning

Hazard statements (GHS NZ) : H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

H373 - May cause damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

: P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

Response : P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

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P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

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
Linalool	CAS-No.: 78-70-6	2.491707 – 5.176828	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Linalyl acetate	CAS-No.: 115-95-7	AS-No.: 115-95-7 2.132044 – Skin Irrit. 2, H315 4.758176 Eye Irrit. 2, H319 Skin Sens. 1, H317	
Iso E Super	CAS-No.: 54464-57-2 1.885 – 3.77 Skin Sens. 1, H317 Aquatic Chronic 2, H411		The state of the s
Bergamot oil	CAS-No.: 8007-75-8 1.73 – 3.46 Flam. Liq. 3, Skin Irrit. 2, H Eye Irrit. 2, H Skin Sens. 1, Asp. Tox. 1, H Aquatic Acute		Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Patchouli oil	CAS-No.: 8014-09-3	1.73 – 3.46	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Benzyl salicylate			
Helional	CAS-No.: 1205-17-0	0.915 – 1.83	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Hexamethylindanopyran	CAS-No.: 1222-05-5	0.89 – 1.78	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
d-Limonene	CAS-No.: 5989-27-5	0.325586 – 1.302344	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Patchouli Alcohol	CAS-No.: 5986-55-0	0.5882 – 1.1764	Aquatic Chronic 2, H411
Cashmeran	OAS-No.: 33704-61-9 0.51 – 1.02 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 3, H402 Aquatic Chronic 2, H411		Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 3, H402

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Name	Product identifier	%	Classification according to GHS NZ
Vertenex	CAS-No.: 32210-23-4	0.305 – 0.61	Skin Sens. 1, H317 Aquatic Acute 2, H401
Triplal (Vertocitral)	CAS-No.: 68039-49-6	0.205 – 0.41 Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412	
Citronellol Pure	CAS-No.: 106-22-9	0.205 – 0.41	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Trimofix O	CAS-No.: 144020-22-4	0.205 – 0.41	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
COUMARIN	CAS-No.: 91-64-5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:gas), H Skin Sens. 1, H317 Aquatic Chronic 2, H411 Hazardous to terrestrial vertebr	
OXACYCLOHEPTADEC-10-EN-2-ONE	CAS-No.: 28645-51-4	0.155 – 0.31	Aquatic Chronic 1, H410 Aquatic Acute 1, H400
GAMMA-TERPINENE	CAS-No.: 99-85-4	0.054495 – 0.21798	Flam. Liq. 3, H226 Repr. 2, H361 Asp. Tox. 1, H304

SECTION 4: First-aid measures

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

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). 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.

: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs:

Get medical advice/attention. Wash skin with plenty of water.

Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison

center or a doctor 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.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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5.2. Specific hazards arising from the chemical

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 the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including res

: 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

No additional information available

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

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.

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

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

Precautions for safe handling

: Ensure good ventilation of the work station. Wear personal protective equipment. 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 vapour.

Hygiene measures

Incompatible materials

: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

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.

: 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.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

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d-Limonene (5989-27-5)			
Germany - Occupational Exposure Limits (TRGS 900)			
AGW (OEL TWA) [1]	28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)		
AGW (OEL TWA) [2]	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 for the 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.

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
Colour : light yellow amber
Odour : characteristic

Odour threshold : No additional information available pH : No additional information available Evaporation rate : No additional information available

Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point : Melting point: Not applicable

Boiling point : No data available

Flash point : > 93 °C (closed cup) ASTM D7094

Auto-ignition temperature : No data available Flammability (solid, gas) : Not applicable

Vapour pressure : No additional information available Relative density : No additional information available

Density : Relative density: ≈ 1.04

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

Explosive limits : No additional information available

Minimum ignition energy : No data available

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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: Toxicological information

11.1. Toxicity

Cashmeran (33704-61-9)

LD50 oral

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation) :	Not classified		
Linalool (78-70-6)			
LD50 oral	2790 mg/kg bodyweight		
Linalyl acetate (115-95-7)			
LD50 oral rat	14550 mg/kg		
LD50 dermal rabbit	> 5000 mg/kg		
Bergamot oil (8007-75-8)			
LD50 oral rat	11520 mg/kg		
d-Limonene (5989-27-5)			
LD50 oral rat	4400 mg/kg		
LD50 dermal rabbit	> 5 g/kg		
GAMMA-TERPINENE (99-85-4)			
LD50 oral rat	3650 mg/kg		
LD50 oral	3650 mg/kg bodyweight		
LD50 dermal rat	> 2000 mg/kg		
Patchouli oil (8014-09-3)			
LD50 oral rat	> 5 g/kg		
Benzyl salicylate (118-58-1)			
LD50 oral rat	2227 mg/kg		
LD50 oral	2200 mg/kg bodyweight		
LD50 dermal rabbit	> 5000 mg/kg		
Helional (1205-17-0)			
LD50 dermal rabbit	> 2000 mg/kg		
Hexamethylindanopyran (1222-05-5)			
LD50 oral rat	> 3250 mg/kg		
LD50 dermal rabbit	> 3250 mg/kg		

2900 mg/kg bodyweight

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Vertenex (32210-23-4) LD50 oral rat	5 g/kg
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LD50 oral	3370 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
Citronellol Pure (106-22-9)	
LD50 oral rat	3450 mg/kg
LD50 oral	3450 mg/kg bodyweight
LD50 dermal rabbit	2650 mg/kg
LD50 dermal	2650 mg/kg bodyweight
Trimofix O (144020-22-4)	1
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
COUMARIN (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	293 mg/kg
OXACYCLOHEPTADEC-10-EN-2-ONE (28645	-51-4)
LD50 dermal rat	> 2000 mg/kg
Skin corrosion/irritation :	Causes skin irritation.
Serious eye damage/irritation :	Causes serious eye irritation.
Respiratory or skin sensitisation :	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 :	May cause damage to organs through prolonged or repeated exposure.
Cashmeran (33704-61-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
	Based on available data, the classification criteria are not met.
symptoms	

SECTION 12: Ecological information

12.1. Ecotoxicity

Eco	ogy - general	:	The produ	uct is no	t considered	harmful	to aqu	atic organ	isms nor	to cause	long-term adve	erse
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effects in the environment.

: Not classified

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

: Toxic to aquatic life with long lasting effects.

Soil toxicity : Not classified : Not classified Terrestrial vertebrate toxicity Terrestrial invertebrate toxicity : Not classified

Other information : Avoid release to the environment.

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Linalyl acetate (115-95-7)	
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	14550 mg/kg
Bergamot oil (8007-75-8)	
LD50 oral rat	11520 mg/kg
d-Limonene (5989-27-5)	
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
LD50 dermal rabbit	> 5 g/kg
LD50 oral rat	4400 mg/kg
GAMMA-TERPINENE (99-85-4)	
Partition coefficient n-octanol/water (Log Pow)	5.4 (at 25 °C (at pH >=2-<=8)
	> 2000 mg/kg
LD50 oral rat	3650 mg/kg
Patchouli oil (8014-09-3)	
LD50 oral rat	> 5 g/kg
Patchouli Alcohol (5986-55-0)	
Partition coefficient n-octanol/water (Log Pow)	5.5 (at 25 °C)
Benzyl salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Partition coefficient n-octanol/water (Log Pow)	4
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	2227 mg/kg
Helional (1205-17-0)	
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)
LD50 dermal rabbit	> 2000 mg/kg
Hexamethylindanopyran (1222-05-5)	
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas
EC50 - Crustacea [2]	260 μg/l REACH Dossier
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier
BCF - Fish [1]	(1618 dimensionless (whole body w.w.)
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)
LD50 dermal rabbit	> 3250 mg/kg
LD50 oral rat	> 3250 mg/kg

Partition coefficient n-octanol/water (Log Pow)

Partition coefficient n-octanol/water (Log Pow)

Patchouli Alcohol (5986-55-0)

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Cashmeran (33704-61-9)				
LC50 - Fish [1]	10.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])			
BCF - Fish [1]	(81 dimensionless (whole body w.w.)			
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 20 °C)			
Vertenex (32210-23-4)				
LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])			
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)			
LD50 dermal rabbit	> 5000 mg/kg			
LD50 oral rat	5 g/kg			
Citronellol Pure (106-22-9)				
Partition coefficient n-octanol/water (Log Pow)	3.41 (at 25 °C)			
LD50 dermal rabbit	2650 mg/kg			
LD50 oral rat	3450 mg/kg			
Trimofix O (144020-22-4)				
LC50 - Fish [1]	0.63 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])			
Partition coefficient n-octanol/water (Log Pow)	5.3 – 5.8 (at 25 °C (at pH >=7-<=7.3)			
	> 2000 mg/kg			
LD50 oral rat	> 5000 mg/kg			
COUMARIN (91-64-5)				
	293 mg/kg			
LD50 oral rat	> 5000 mg/kg			
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)				
Partition coefficient n-octanol/water (Log Pow)	6.7 (at 23 °C)			
	> 2000 mg/kg			
12.2. Persistence and degradability				
Lancome Le Vie est Belle #				
Persistence and degradability	Not established.			
12.3. Bioaccumulative potential				
Lancome Le Vie est Belle #				
Bioaccumulative potential	Not established.			
Linalyl acetate (115-95-7)				
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)			
d-Limonene (5989-27-5)				
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)			
GAMMA-TERPINENE (99-85-4)				

5.4 (at 25 °C (at pH >=2-<=8)

5.5 (at 25 °C)

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Benzyl salicylate (118-58-1)					
Partition coefficient n-octanol/water (Log Pow)	4				
Helional (1205-17-0)					
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)				
Hexamethylindanopyran (1222-05-5)					
BCF - Fish [1]	(1618 dimensionless (whole body w.w.)				
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)				
Cashmeran (33704-61-9)					
BCF - Fish [1]	(81 dimensionless (whole body w.w.)				
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 20 °C)				
Vertenex (32210-23-4)					
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)				
Citronellol Pure (106-22-9)					
Partition coefficient n-octanol/water (Log Pow)	3.41 (at 25 °C)				
Trimofix O (144020-22-4)					
Partition coefficient n-octanol/water (Log Pow)	5.3 – 5.8 (at 25 °C (at pH >=7-<=7.3)				
OXACYCLOHEPTADEC-10-EN-2-ONE (28645	OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)				
Partition coefficient n-octanol/water (Log Pow)	6.7 (at 23 °C)				
12.4. Mobility in soil					
12.4. Mobility in soil Lancome Le Vie est Belle #					
•	No additional information available				
Lancome Le Vie est Belle #	No additional information available				
Lancome Le Vie est Belle # Mobility in soil	No additional information available 3.9 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7)					
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow)					
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5)	3.9 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0) Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0) Partition coefficient n-octanol/water (Log Pow) Benzyl salicylate (118-58-1)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8) 5.5 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0) Partition coefficient n-octanol/water (Log Pow) Benzyl salicylate (118-58-1) Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8) 5.5 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0) Partition coefficient n-octanol/water (Log Pow) Benzyl salicylate (118-58-1) Partition coefficient n-octanol/water (Log Pow) Helional (1205-17-0)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8) 5.5 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0) Partition coefficient n-octanol/water (Log Pow) Benzyl salicylate (118-58-1) Partition coefficient n-octanol/water (Log Pow) Helional (1205-17-0) Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8) 5.5 (at 25 °C)				
Lancome Le Vie est Belle # Mobility in soil Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) d-Limonene (5989-27-5) Partition coefficient n-octanol/water (Log Pow) GAMMA-TERPINENE (99-85-4) Partition coefficient n-octanol/water (Log Pow) Patchouli Alcohol (5986-55-0) Partition coefficient n-octanol/water (Log Pow) Benzyl salicylate (118-58-1) Partition coefficient n-octanol/water (Log Pow) Helional (1205-17-0) Partition coefficient n-octanol/water (Log Pow) Hexamethylindanopyran (1222-05-5)	3.9 (at 25 °C) 4.38 (at 37 °C (at pH 7.2) 5.4 (at 25 °C (at pH >=2-<=8) 5.5 (at 25 °C) 4 2.4 (at 25 °C)				

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Vertenex (32210-23-4)			
Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C)			
Citronellol Pure (106-22-9)			
Partition coefficient n-octanol/water (Log Pow) 3.41 (at 25 °C)			
Trimofix O (144020-22-4)			
Partition coefficient n-octanol/water (Log Pow) 5.3 – 5.8 (at 25 °C (at pH >=7-<=7.3)			
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)			
Partition coefficient n-octanol/water (Log Pow) 6.7 (at 23 °C)			

12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Product/Packaging disposal recommendations

Ecology - waste materials

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

: Dispose in a safe manner in accordance with local/national regulations.

: Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number

 UN-No. (UN RTDG)
 : 3082

 UN-No. (IMDG)
 : 3082

 UN-No. (IATA)
 : 3082

14.2. UN Proper Shipping Name

Proper Shipping Name (UN RTDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bergamot oil)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bergamot oil)

Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s. (Bergamot oil)

14.3. Transport hazard class(es)

UN RTDG

Transport hazard class(es) (UN RTDG) : 9
Danger labels (UN RTDG) : 9



IMDG

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



IATA

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

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



14.4. Packing group

Packing group (UN RTDG) : 111 : III Packing group (IMDG) Packing group (IATA) : 111

14.5. Environmental hazards

Dangerous for the environment : True Marine pollutant Yes

Other information No supplementary information available

14.6. Special precautions for user

Transport by road and rail

Special provisions (UN RTDG) : 274, 331, 335, 375

Limited quantities (UN RTDG) : 5L Excepted quantities (UN RTDG) : E1

Packing instruction (UN RTDG) : P001, IBC03, LP01

Special packing provisions (UN RTDG) : PP1 Portable tank and bulk container special : T4

instructions (UN RTDG)

Portable tank and bulk container special provisions : TP1, TP29

(UN RTDG)

Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : LP01, P001 Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) : T4 : TP1, TP29 Tank special provisions (IMDG)

: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE EmS-No. (Fire)

: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS EmS-No. (Spillage)

Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y964 : 30kgG PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) : 964 PCA max net quantity (IATA) : 450L CAO packing instructions (IATA) : 964 CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197, A215

ERG code (IATA) : 9L

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Linalool (78-70-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003500

Linalyl acetate (115-95-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003499

d-Limonene (5989-27-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR002725

Benzyl salicylate (118-58-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003501

Triplal (Vertocitral) (68039-49-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003489

Citronellol Pure (106-22-9)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003483

COUMARIN (91-64-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003237

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 7/11/2022

Other information : None.

Full text of H-statements			
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3		
Acute Tox. 3 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 3		
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1		

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Full text of H-statements	
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 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
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H226	Flammable liquid and vapour
H227	Combustible liquid
H301	Toxic if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
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

Safety Data Sheet (SDS), New Zealand

The data contained in this Safety Data Sheet is accurate to the best knowledge of Zen Aroma applies to the product as supplied by Zen Aroma 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 Zen Aroma 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 support@zenaroma.co.nz