

SECTION 1: Identification

1.1 Product identifier

Product name : Camellia & Lotus # :
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 : 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731;
Brazil: +0-800-591-6042; India: +000-800-100-4086

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 sensitization, Category 1	H317
Carcinogenicity Category 2	H351
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

: Hexyl cinnamic aldehyde (2.25 – 4.5 %); Linalool (2 – 4 %); Iso E Super (1.9 – 3.8 %); d-Limonene (1.375 – 2.75 %); Methyl ionone (mixture of isomers) (1 – 2 %); Musk ketone (0.675 – 1.35 %); Coumarin crystals (0.675 – 1.35 %); Vertofix (0.6 – 1.2 %); Lemon oil (0.375 – 0.75 %); Linalyl acetate (0.375 – 0.75 %); Benzyl salicylate (0.25 – 0.5 %); Amyl cinnamic aldehyde (0.2 – 0.4 %); Litsea cubeba oil (0.065 – 0.13 %); delta-Damascone (0.05 – 0.1 %)

Hazard statements (GHS NZ) :

: H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H351 - Suspected of causing cancer
H411 - Toxic to aquatic life with long lasting effects

Camellia & Lotus

Safety Data Sheet

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

Prevention	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P264 - Wash hands, forearms and face thoroughly after handling. P273 - Avoid release to the environment.
Response	: 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
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0	2.25 – 4.5	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Linalool	CAS-No.: 78-70-6	2 – 4	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Iso E Super	CAS-No.: 54464-57-2	1.9 – 3.8	Skin Sens. 1, H317 Aquatic Chronic 2, H411
d-Limonene	CAS-No.: 5989-27-5	1.375 – 2.75	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethylene brassylate	CAS-No.: 105-95-3	1.25 – 2.5	Aquatic Chronic 2, H411
Bacdanol	CAS-No.: 28219-61-6	1.25 – 2.5	Eye Irrit. 2, H319 Aquatic Chronic 1, H410
Methyl ionone (mixture of isomers)	CAS-No.: 1335-46-2	1 – 2	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Patchouli oil	CAS-No.: 8014-09-3	0.7 – 1.4	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
beta-Ionone	CAS-No.: 14901-07-6	0.675 – 1.35	Aquatic Chronic 2, H411
Musk ketone	CAS-No.: 81-14-1	0.675 – 1.35	Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Coumarin crystals	CAS-No.: 91-64-5	0.675 – 1.35	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:gas), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411 Hazardous to terrestrial vertebrates, H434
acetyl cedrene	CAS-No.: 32388-55-9	0.6 – 1.2	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Camellia & Lotus

Safety Data Sheet

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

Name	Product identifier	%	Classification according to GHS NZ
Sandela	CAS-No.: 66068-84-6	0.6 – 1.2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	CAS-No.: 28219-60-5	0.5 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400
Lemon oil	CAS-No.: 8008-56-8	0.375 – 0.75	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Linalyl acetate	CAS-No.: 115-95-7	0.375 – 0.75	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 3, H402
2-Hydroxybenzoic acid, benzyl ester	CAS-No.: 118-58-1	0.25 – 0.5	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Amyl cinnamic aldehyde	CAS-No.: 122-40-7	0.2 – 0.4	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Benzyl benzoate	CAS-No.: 120-51-4	0.2 – 0.4	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Litsea cubeba oil	CAS-No.: 68855-99-2	0.065 – 0.13	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Butylated hydroxytoluene (BHT) crystals	CAS-No.: 128-37-0	0.05 – 0.1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
delta-Damascone	CAS-No.: 57378-68-4	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: 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 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	: Call a poison center/doctor/physician if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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Camellia & Lotus

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.

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

Protection during firefighting : 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. 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. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 : Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Camellia & Lotus

Safety Data Sheet

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

d-Limonene (5989-27-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	28 mg/m ³ (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
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
New Zealand - Occupational Exposure Limits	
WES-TWA (OEL TWA) [1]	10 mg/m ³
Chemical category	dermal sensitiser
Malaysia - Occupational Exposure Limits	
PEL (OEL TWA) [1]	10 mg/m ³
MEL (mg/m ³)	30 mg/m ³
Korea - Occupational Exposure Limits	
ISHA OEL TWA	2 mg/m ³
Singapore - Occupational Exposure Limits	
PEL (OEL TWA)	10 mg/m ³
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	10 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³
WEL STEL (OEL STEL)	30 mg/m ³ (calculated)
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	2 mg/m ³ (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen

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)

Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

Camellia & Lotus

Safety Data Sheet

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

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 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No additional information available
Relative density	: No additional information available
Density	: Relative density: ≈ 0.94
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

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Transport hazard class(es)

11.1. Toxicity

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

Hexyl cinnamic aldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg
LD50 oral	3100 mg/kg body weight
LD50 dermal rabbit	> 3000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h
d-Limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5 g/kg
Linalool (78-70-6)	
LD50 oral	2790 mg/kg body weight
Ethylene brassylate (105-95-3)	
LD50 oral rat	> 5000 mg/kg

Camellia & Lotus

Safety Data Sheet

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

Ethylene brassylate (105-95-3)	
LD50 dermal rabbit	> 5000 mg/kg
Patchouli oil (8014-09-3)	
LD50 oral rat	> 5 g/kg
beta-Ionone (14901-07-6)	
LD50 oral rat	4590 mg/kg
Methyl ionone (mixture of isomers) (1335-46-2)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LD50 dermal	2900 mg/kg body weight
2-Hydroxybenzoic acid, benzyl ester (118-58-1)	
LD50 oral rat	2227 mg/kg
LD50 oral	2200 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg
Amyl cinnamic aldehyde (122-40-7)	
LD50 oral rat	3730 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
acetyl cedrene (32388-55-9)	
LD50 oral	4500 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg
Lemon oil (8008-56-8)	
LD50 oral rat	2840 mg/kg
Musk ketone (81-14-1)	
LD50 oral rat	10 g/kg
LD50 dermal rabbit	> 10 g/kg
LC50 Inhalation - Rat	> 2.99 mg/l/4h
Coumarin crystals (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg body weight
LD50 dermal rat	293 mg/kg
Linalyl acetate (115-95-7)	
LD50 oral rat	14550 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Sandela (66068-84-6)	
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 5.27 mg/l/4h
Benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg
LD50 oral	1500 mg/kg body weight

Camellia & Lotus

Safety Data Sheet

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

Benzyl benzoate (120-51-4)	
LD50 dermal rabbit	4000 mg/kg
LD50 dermal	4000 mg/kg body weight
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 mg/kg
delta-Damascone (57378-68-4)	
LD50 oral	1400 mg/kg body weight
Litsea cubeba oil (68855-99-2)	
LD50 oral rat	> 5 g/kg
LD50 dermal	4800 mg/kg body weight
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Document changes control

12.1. Ecotoxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
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

Hexyl cinnamic aldehyde (101-86-0)	
LD50 dermal rabbit	> 3000 mg/kg
LD50 oral rat	3100 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)
LD50 dermal rabbit	> 5 g/kg
LD50 oral rat	4400 mg/kg
Ethylene brassylate (105-95-3)	
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	> 5000 mg/kg
Patchouli oil (8014-09-3)	
LD50 oral rat	> 5 g/kg

Camellia & Lotus

Safety Data Sheet

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

beta-Ionone (14901-07-6)	
LD50 oral rat	4590 mg/kg
Methyl ionone (mixture of isomers) (1335-46-2)	
LC50 - Fish [1]	2.3 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	> 5000 mg/kg
2-Hydroxybenzoic acid, benzyl ester (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	2227 mg/kg
Amyl cinnamic aldehyde (122-40-7)	
LD50 dermal rabbit	> 2000 mg/kg
LD50 oral rat	3730 mg/kg
acetyl cedrene (32388-55-9)	
LD50 dermal rabbit	> 5000 mg/kg
Lemon oil (8008-56-8)	
LD50 oral rat	2840 mg/kg
Musk ketone (81-14-1)	
LD50 dermal rabbit	> 10 g/kg
LD50 oral rat	10 g/kg
Coumarin crystals (91-64-5)	
	293 mg/kg
LD50 oral rat	> 5000 mg/kg
Linalyl acetate (115-95-7)	
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	14550 mg/kg
Sandela (66068-84-6)	
	> 2000 mg/kg
Benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l
Partition coefficient n-octanol/water (Log Pow)	4
LD50 dermal rabbit	4000 mg/kg
LD50 oral rat	500 mg/kg
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
EC50 72h - Algae [1]	6 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 72h - Algae [2]	> 0.42 mg/l (Species: Desmodesmus subspicatus)
BCF - Fish [1]	230 – 2500

Camellia & Lotus

Safety Data Sheet

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

Butylated hydroxytoluene (BHT) crystals (128-37-0)	
Partition coefficient n-octanol/water (Log Pow)	4.17
	> 2000 mg/kg
LD50 oral rat	> 2930 mg/kg
Litsea cubeba oil (68855-99-2)	
LD50 oral rat	> 5 g/kg

12.2. Persistence and degradability

Camellia & Lotus #	
Persistence and degradability	No additional information available
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Camellia & Lotus #	
Bioaccumulative potential	No additional information available
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	4
Bioaccumulative potential	Not established.
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
BCF - Fish [1]	230 – 2500
Partition coefficient n-octanol/water (Log Pow)	4.17

12.4. Mobility in soil

Camellia & Lotus #	
Mobility in soil	No additional information available
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	4
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
Partition coefficient n-octanol/water (Log Pow)	4.17

12.5. Other adverse effects

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

SECTION 13: Disposal considerations

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

SECTION 14: Transport information

14.1. UN number

UN-No.(UN RTDG)	: 3082
UN-No. (IMDG)	: 3082

Camellia & Lotus

Safety Data Sheet

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

UN-No. (IATA) : 3082

14.2. UN proper shipping name

Proper Shipping Name (UN RTDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene)
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s. (d-Limonene)

14.3. Transport hazard class(es)

UN RTDG

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



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) : III
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

14.6. Special precautions for user

Transport by road and rail

Special provision (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 instructions (UN RTDG) : T4
Portable tank and bulk container special provisions (UN RTDG) : TP1, TP29

Transport by sea

Special provision (IMDG) : 274, 335, 969
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1

Camellia & Lotus

Safety Data Sheet

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

Packing instructions (IMDG)	: LP01, P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, 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, 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

SECTION 15: Regulatory information

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

d-Limonene (5989-27-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002725
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Linalool (78-70-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003500
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2-Hydroxybenzoic acid, benzyl ester (118-58-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003501
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Lemon oil (8008-56-8)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003520
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Coumarin crystals (91-64-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003237
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Camellia & Lotus

Safety Data Sheet

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

Linalyl acetate (115-95-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003499
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Benzyl benzoate (120-51-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003504
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Butylated hydroxytoluene (BHT) crystals (128-37-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002784
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15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 1/31/2022

Full text of H-phrases

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
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
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Hazardous to terrestrial vertebrates	Hazardous to terrestrial vertebrates
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
H226	Flammable liquid and vapour
H227	Combustible liquid
H301	Toxic if swallowed

Camellia & Lotus

Safety Data Sheet

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

Full text of H-phrases	
H302	Harmful 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
H351	Suspected of causing cancer
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