

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1 Product identifier

Product name : Lime Basil & Mandarin :
Product form Mixture
Type of product : Perfumes, fragrances
Product code : 16738F

1.2 Other means of identification

No additional information available

1.3 Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Perfumes, fragrances

1.4 Supplier's details

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: Hazards identification

2.1. Classification of the substance or mixture

3.1D Flammable liquids, Category 4
6.3A Skin corrosion/irritation, Category 2
6.4A Serious eye damage/eye irritation, Category 2
6.5B Skin sensitisation, Category 1
6.7B Carcinogenicity, Category 2
6.8B Reproductive toxicity, Category 2
6.1E Aspiration hazard, Category 1
9.1C Hazardous to the aquatic environment — Chronic Hazard, Category 3

2.2. Label elements

GHS NZ labelling

Hazard pictograms (GHS NZ)



Signal word (GHS NZ)

: Danger

Contains

: Linalool (4.5 – 9 %) ; Orange oil (3.55 – 7.1 %) ; Tangerine oil (1.7 – 3.4 %) ; Hydroxy (0.65 – 1.3 %) ; Helional (0.6 – 1.2 %) ; Grapefruit oil (0.5 – 1 %) ; Butylphenyl methylpropional (0.25 – 0.5 %) ; Vertenex (0.15 – 0.3 %) ; Triplal (Vertocitral) (0.1 – 0.2 %) ; Basil oil (Ocimum basilicum L.) (0.1 – 0.2 %) ; Lime oil distilled (0.1 – 0.2 %) ; acetyl cedrene (0.1 – 0.2 %) ; Vetiveria zizanioides root oil (0.05 – 0.1 %) ; Petitgrain oil (0.05 – 0.1 %) ; Thyme oil, white (0.05 – 0.1 %)

Hazard statements (GHS NZ)

: H227 - Combustible liquid
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

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Prevention	H319 - Causes serious eye irritation. H351 - Suspected of causing cancer. H361 - Suspected of damaging fertility or the unborn child. H412 - Harmful to aquatic life with long lasting effects.
	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 - Wash hands thoroughly after handling P272 - Contaminated work clothing should not be allowed out of the workplace.
Response	: P308+P313 - IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards not contributing to the classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Linalool	CAS-No.: 78-70-6	4.5 – 9	3.1D: Flam. Liq. 4, H227 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317
Orange oil	CAS-No.: 8008-57-9	3.55 – 7.1	3.1C: Flam. Liq. 3, H226 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1B: Aquatic Chronic 2, H411
Hedione	CAS-No.: 24851-98-7	2.5 – 5	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) 9.1D: Aquatic Acute 3, H402
Tangerine oil	CAS-No.: 8016-85-1	1.7 – 3.4	3.1C: Flam. Liq. 3, H226 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1B: Aquatic Chronic 2, H411
Methyl ionone (mixture of isomers)	CAS-No.: 1335-46-2	0.85 – 1.7	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 2, H401 9.1B: Aquatic Chronic 2, H411
Dihydromyrcenol	CAS-No.: 18479-58-8	0.7 – 1.4	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319

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Name	Product identifier	%	Classification according to GHS NZ
Hydroxy	CAS-No.: 107-75-5	0.65 – 1.3	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317
Helional	CAS-No.: 1205-17-0	0.6 – 1.2	3.1D: Flam. Liq. 4, H227 6.5B: Skin Sens. 1, H317 9.1C: Aquatic Chronic 3, H412
Grapefruit oil	CAS-No.: 8016-20-4	0.5 – 1	3.1C: Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1B: Aquatic Chronic 2, H411
Butylphenyl methylpropional	CAS-No.: 80-54-6	0.25 – 0.5	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 3.1D: Flam. Liq. 4, H227 6.1D: Acute Tox. 4 (Oral), H302 Acute Tox. Not classified (Dermal) 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 6.8B: Repr. 2, H361 9.1D: Aquatic Acute 2, H401 9.1B: Aquatic Chronic 2, H411
Vertenex	CAS-No.: 32210-23-4	0.15 – 0.3	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 2, H401
Triplal (Vertocitral)	CAS-No.: 68039-49-6	0.1 – 0.2	3.1D: Flam. Liq. 4, H227 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317 9.1C: Aquatic Chronic 3, H412
Black pepper oil	CAS-No.: 8006-82-4	0.1 – 0.2	3.1D: Flam. Liq. 4, H227
Basil oil (Ocimum basilicum L.)	CAS-No.: 8015-73-4	0.1 – 0.2	3.1D: Flam. Liq. 4, H227 6.1D: Acute Tox. 4 (Oral), H302 6.5B: Skin Sens. 1, H317 6.6B: Muta. 2, H341 6.7B: Carc. 2, H351 9.1C: Aquatic Chronic 3, H412 9.3C: Ecotoxicity to terrestrial vertebrates C, H433
Lime oil distilled	CAS-No.: 8008-26-2	0.1 – 0.2	3.1C: Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1A: Aquatic Chronic 1, H410
acetyl cedrene	CAS-No.: 32388-55-9	0.1 – 0.2	Flam. Liq. Not classified 6.5B: Skin Sens. 1, H317 9.1A: Aquatic Acute 1, H400 9.1A: Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to GHS NZ
Vetiveria zizanoides root oil	CAS-No.: 8016-96-4	0.05 – 0.1	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Petitgrain oil	CAS-No.: 8014-17-3	0.05 – 0.1	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 8.3A: Eye Dam. 1, H318 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1B: Aquatic Chronic 2, H411
Thyme oil, white	CAS-No.: 8007-46-3	0.05 – 0.1	3.1C: Flam. Liq. 3, H226 6.1D: Acute Tox. 4 (Oral), H302 8.2A: Skin Corr. 1A, H314 8.3A: Eye Dam. 1, H318 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1B: Aquatic Chronic 2, H411

SECTION 4: First aid measures

4.1. Description of 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 physician immediately.
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 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. Do NOT induce vomiting. Obtain emergency medical attention. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

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	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Risk of lung oedema.

4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid.
Explosion hazard	: May form flammable/explosive vapour-air mixture.
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
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 respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
EAC code	: •3Z - •3Z

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
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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 material for containment and cleaning up

For containment	: Collect spillage.
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. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Precautions for safe handling	: Ensure good ventilation of the work station. No open flames. No smoking. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Keep in fireproof place. 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. Store locked up.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Heat sources. 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/personal protection

8.1. Control parameters

Hydroxy (107-75-5)

China - Occupational Exposure Limits

Catalogue of Occupational Hazard Factors	Category 3 - Chemicals
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Exposure limit values for the other components

No additional information available

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
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8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Protective gloves. Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses. Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s)



Environmental exposure controls	: Avoid release to the environment.
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SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: No data available
Odour	: No data available
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	: 74 °C (closed cup) ASTM D7094

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Auto-ignition temperature	: No data available
Flammability (solid, gas)	: Not applicable, Combustible liquid, Non flammable.
Vapour pressure	: No additional information available
Relative density	: No additional information available
Density	: Relative density: ≈ 1.029
Solubility	: No additional information available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 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

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. Combustible liquid. May form flammable/explosive vapour-air mixture. Not established.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use. Not established.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7). Open flame. Overheating. Direct sunlight. Sparks. Extremely high or low temperatures. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced. May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Linalool (78-70-6)

LD50 oral	2790 mg/kg bodyweight
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Orange oil (8008-57-9)

LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

Hedione (24851-98-7)

LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 4.93 mg/l/4h

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 bodyweight

Dihydromyrcenol (18479-58-8)

LD50 oral rat	3600 mg/kg
LD50 oral	3600 mg/kg bodyweight
LD50 dermal rabbit	> 5 g/kg

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Hydroxy (107-75-5)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg
Helional (1205-17-0)	
LD50 dermal rabbit	> 2000 mg/kg
Grapefruit oil (8016-20-4)	
LD50 oral rat	> 5 g/kg
Butylphenyl methylpropional (80-54-6)	
LD50 oral rat	1390 mg/kg
LD50 oral	1390 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 1802 mg/m ³ (Exposure time: 4 h)
Vertenex (32210-23-4)	
LD50 oral rat	5 g/kg
LD50 oral	3370 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Basil oil (Ocimum basilicum L.) (8015-73-4)	
LD50 oral rat	1400 mg/kg
LD50 oral	1340 mg/kg bodyweight
Lime oil distilled (8008-26-2)	
LD50 oral rat	5600 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
acetyl cedrene (32388-55-9)	
LD50 oral	4500 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
Thyme oil, white (8007-46-3)	
LD50 oral rat	2840 mg/kg
LD50 oral	1800 mg/kg bodyweight
Petitgrain oil (8014-17-3)	
LD50 oral rat	> 5 g/kg
LD50 oral	4087 mg/kg bodyweight
Vetiveria zizanoides root oil (8016-96-4)	
LD50 oral rat	> 5 g/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	: Suspected of causing cancer.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified

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STOT-repeated exposure : Not classified
Aspiration hazard : May be fatal if swallowed and enters airways.

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Viscosity, kinematic

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects. Harmful 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) : Harmful to aquatic life with long lasting effects.
Soil toxicity : Not classified
Terrestrial vertebrate toxicity : Not classified
Terrestrial invertebrate toxicity : Not classified
Other information : Avoid release to the environment.

Orange oil (8008-57-9)

LD50 dermal rabbit > 5000 mg/kg

LD50 oral rat 4400 mg/kg

Hedione (24851-98-7)

LC50 - Fish [1] 19 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static])

LD50 dermal rabbit > 5000 mg/kg

LD50 oral rat > 5 g/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

Dihydromyrcenol (18479-58-8)

LD50 dermal rabbit > 5 g/kg

LD50 oral rat 3600 mg/kg

Hydroxy (107-75-5)

LD50 dermal rabbit > 2000 mg/kg

LD50 oral rat > 5 g/kg

Helional (1205-17-0)

LD50 dermal rabbit > 2000 mg/kg

Grapefruit oil (8016-20-4)

LD50 oral rat > 5 g/kg

Butylphenyl methylpropional (80-54-6)

LC50 - Fish [1] 2.2 – 4.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])

EC50 - Crustacea [1] 10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Partition coefficient n-octanol/water (Log Pow) 4.2 (at 24 °C)

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Butylphenyl methylpropional (80-54-6)	
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	1390 mg/kg
Vertenex (32210-23-4)	
LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	5 g/kg
Basil oil (Ocimum basilicum L.) (8015-73-4)	
LD50 oral rat	1400 mg/kg
Lime oil distilled (8008-26-2)	
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	5600 mg/kg
acetyl cedrene (32388-55-9)	
LD50 dermal rabbit	> 5000 mg/kg
Thyme oil, white (8007-46-3)	
LD50 oral rat	2840 mg/kg
Petitgrain oil (8014-17-3)	
Partition coefficient n-octanol/water (Log Pow)	3.38 – 4.88
LD50 oral rat	> 5 g/kg
Vetiveria zizanoides root oil (8016-96-4)	
LD50 oral rat	> 5 g/kg
12.2. Persistence and degradability	
Lime Basil & Mandarin	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Lime Basil & Mandarin	
Bioaccumulative potential	Not established.
Butylphenyl methylpropional (80-54-6)	
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 24 °C)
Petitgrain oil (8014-17-3)	
Partition coefficient n-octanol/water (Log Pow)	3.38 – 4.88
12.4. Mobility in soil	
Lime Basil & Mandarin	
Mobility in soil	No additional information available
Butylphenyl methylpropional (80-54-6)	
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 24 °C)
Petitgrain oil (8014-17-3)	
Partition coefficient n-octanol/water (Log Pow)	3.38 – 4.88

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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.
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.
Ecology - waste materials	: Avoid release to the environment.
Additional information	: Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. Proper Shipping Name

Proper Shipping Name (UN RTDG)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable

14.3. Transport hazard class(es)

UN RTDG

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

IMDG

Transport hazard class(es) (IMDG)	: Not applicable
	:

IATA

Transport hazard class(es) (IATA)	: Not applicable
	:

14.4. Packing group

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

14.5. Environmental hazards

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

14.6. Special precautions for user

UN RTDG

No data available

IMDG

No data available

IATA

No data available

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

14.8. Hazchem or Emergency Action Code

EAC code : •3Z.

SECTION 15: Regulatory information

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

Hazardous Substances and New Organisms Act

Group standard : Food additives and fragrance materials

Linalool (78-70-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003500
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Orange oil (8008-57-9)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003493
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Hydroxy (107-75-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003314
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Grapefruit oil (8016-20-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003339
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Lime oil distilled (8008-26-2)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR004085
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Triplal (Vertocitral) (68039-49-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003489
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Petitgrain oil (8014-17-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003510
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15.2. Chemical safety assessment

No additional information available

Lime Basil & Mandarin

Safety Data Sheet

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

SECTION 16: Other information

Issue date : 8/30/2021
Revision date : 30/08/2021
Supersedes : 30/08/2021

Other information : None.

Full text of H-statements

3.1C: Flam. Liq. 3	3.1C: Flammable liquids, Category 3
3.1D: Flam. Liq. 4	3.1D: Flammable liquids, Category 4
6.1D: Acute Tox. 4 (Oral)	6.1D: Acute toxicity (oral), Category 4
6.1E: Acute Tox. 5 (Oral)	6.1E: Acute toxicity (oral), Category 5
6.1E: Asp. Tox. 1	6.1E: Aspiration hazard, Category 1
6.3A: Skin Irrit. 2	6.3A: Skin corrosion/irritation, Category 2
6.4A: Eye Irrit. 2	6.4A: Serious eye damage/eye irritation, Category 2
6.5B: Skin Sens. 1	6.5B: Skin sensitisation, Category 1
6.6B: Muta. 2	6.6B: Germ cell mutagenicity, Category 2
6.7B: Carc. 2	6.7B: Carcinogenicity, Category 2
6.8B: Repr. 2	6.8B: Reproductive toxicity, Category 2
8.2A: Skin Corr. 1A	8.2A: Skin corrosion/irritation, Category 1A
8.3A: Eye Dam. 1	8.3A: Serious eye damage/eye irritation, Category 1
9.1A: Aquatic Acute 1	9.1A: Hazardous to the aquatic environment — Acute Hazard, Category 1
9.1A: Aquatic Chronic 1	9.1A: Hazardous to the aquatic environment — Chronic Hazard, Category 1
9.1B: Aquatic Chronic 2	9.1B: Hazardous to the aquatic environment — Chronic Hazard, Category 2
9.1C: Aquatic Chronic 3	9.1C: Hazardous to the aquatic environment — Chronic Hazard, Category 3
9.1D: Aquatic Acute 2	9.1D: Hazardous to the aquatic environment — Acute Hazard, Category 2
9.1D: Aquatic Acute 3	9.1D: Hazardous to the aquatic environment — Acute Hazard, Category 3
9.3C: Ecotoxicity to terrestrial vertebrates C	9.3C: Ecotoxicity to terrestrial vertebrates C
Acute Tox. Not classified (Dermal)	Acute toxicity (dermal) Not classified
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Flam. Liq. Not classified	Flammable liquids Not classified
H226	Flammable liquid and vapour.
H227	Combustible liquid
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.

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Full text of H-statements	
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
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.
H433	Harmful to terrestrial vertebrates

Safety Data Sheet (SDS), New Zealand

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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