

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

1.1 Product identifier

Product name : Bubblegum :
Product form Mixture
Product code :

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
6.1D Acute toxicity (oral), Category 4
6.3B Skin corrosion/irritation, Category 3
6.4A Serious eye damage/eye irritation, Category 2
6.5B Skin sensitisation, Category 1
9.1D Hazardous to the aquatic environment — Acute Hazard, Category 2
9.1B Hazardous to the aquatic environment — Chronic Hazard, Category 2
9.3B Ecotoxicity to terrestrial vertebrates B

2.2. Label elements

GHS NZ labelling

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) :

Warning

Contains

: Benzyl benzoate (30.205 – 60.41 %) ; Orange oil (3.18 – 6.36 %) ; Methyl salicylate (2.1 – 4.2 %) ; Eugenol (1.29 – 2.58 %) ; Ethyl vanillin crystals (0.91 – 1.82 %) ; Aldehyde C-16 (0.585 – 1.17 %) ; Cinnamic alcohol (0.585 – 1.17 %) ; Linalool (0.535 – 1.07 %) ; Cinnamic aldehyde (0.325 – 0.65 %) ; Heliotropine crystals (0.155 – 0.31 %) ; Citral (0.09 – 0.18 %)

Hazard statements (GHS NZ) :

: H227 - Combustible liquid
H302 - Harmful if swallowed.
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H401 - Toxic to aquatic life

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Prevention	H411 - Toxic to aquatic life with long lasting effects. H432 - Toxic to terrestrial vertebrates : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 - Wash hands thoroughly after handling P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Response	: P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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
Benzyl benzoate	CAS-No.: 120-51-4	30.205 – 60.41	9.3B: Ecotoxicity to terrestrial vertebrates B, H432 Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302 6.1E: Acute Tox. 5 (Dermal), H313 9.1D: Aquatic Acute 2, H401 9.1B: Aquatic Chronic 2, H411
Orange oil	CAS-No.: 8008-57-9	3.18 – 6.36	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
Vanillin	CAS-No.: 121-33-5	2.5 – 5	Acute Tox. Not classified (Dermal) 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 3, H402
Methyl salicylate	CAS-No.: 119-36-8	2.1 – 4.2	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302 Acute Tox. Not classified (Dermal)
Eugenol	CAS-No.: 97-53-0	1.29 – 2.58	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 3, H402
Menthol Crystals	CAS-No.: 1490-04-6	1.215 – 2.43	Acute Tox. Not classified (Dermal) Acute Tox. Not classified (Inhalation:dust,mist) 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 3, H402

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Name	Product identifier	%	Classification according to GHS NZ
Ethyl vanillin crystals	CAS-No.: 121-32-4	0.91 – 1.82	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 6.1D: Acute Tox. 4 (Oral), H302 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 3, H402
Aldehyde C-16	CAS-No.: 77-83-8	0.585 – 1.17	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 2, H401 9.1B: Aquatic Chronic 2, H411
Cinnamic alcohol	CAS-No.: 104-54-1	0.585 – 1.17	Acute Tox. Not classified (Dermal) 6.5B: Skin Sens. 1, H317
Benzyl acetate	CAS-No.: 140-11-4	0.555 – 1.11	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) 9.1C: Aquatic Chronic 3, H412
Linalool	CAS-No.: 78-70-6	0.535 – 1.07	3.1D: Flam. Liq. 4, H227 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317
Cinnamic aldehyde	CAS-No.: 104-55-2	0.325 – 0.65	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.1D: Acute Tox. 4 (Dermal), H312 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317
Heliotropine crystals	CAS-No.: 120-57-0	0.155 – 0.31	6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 2, H401
Citral	CAS-No.: 5392-40-5	0.09 – 0.18	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 6.1E: Acute Tox. 5 (Dermal), H313 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 2, H401

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell.
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	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

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

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

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible liquid.
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. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/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 material 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/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 in a well-ventilated place. Keep cool.

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Benzyl acetate (140-11-4)	
Malaysia - Occupational Exposure Limits	
PEL (OEL TWA) [1]	61 mg/m ³
PEL (OEL TWA) [2]	10 ppm
China - Occupational Exposure Limits	
Catalogue of Occupational Hazard Factors	Category 3 - Chemicals
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	10 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Citral (5392-40-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer

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.

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.

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

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Flash point	: 62 °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: 1.08
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.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
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: Toxicological information

11.1. Information on toxicological effects

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

ATE NZ (oral)	769.659 mg/kg bodyweight
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Aldehyde C-16 (77-83-8)

LD50 oral rat	5470 mg/kg
LD50 dermal rat	> 2000 mg/kg

Benzyl acetate (140-11-4)

LD50 oral rat	2490 mg/kg
LD50 oral	2490 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg

Benzyl benzoate (120-51-4)

LD50 oral rat	500 mg/kg
LD50 oral	1500 mg/kg bodyweight
LD50 dermal rabbit	4000 mg/kg
LD50 dermal	4000 mg/kg bodyweight

Cinnamic alcohol (104-54-1)

LD50 oral	2000 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg

Cinnamic aldehyde (104-55-2)

LD50 oral rat	2220 mg/kg
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Cinnamic aldehyde (104-55-2)	
LD50 oral	2200 mg/kg bodyweight
LD50 dermal rabbit	1260 mg/kg
LD50 dermal	1100 mg/kg bodyweight
Methyl salicylate (119-36-8)	
LD50 oral rat	887 mg/kg
LD50 oral	890 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Heliotropine crystals (120-57-0)	
LD50 oral rat	2700 mg/kg
LD50 oral	2700 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg
Ethyl vanillin crystals (121-32-4)	
LD50 oral rat	1590 mg/kg
LD50 oral	3000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg
Menthol Crystals (1490-04-6)	
LD50 oral	2500 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	5289 mg/m ³ (Exposure time: 4 h)
Citral (5392-40-5)	
LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg
LD50 dermal	2250 mg/kg bodyweight
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg
LD50 oral	2500 mg/kg bodyweight
Linalool (78-70-6)	
LD50 oral	2790 mg/kg bodyweight
Orange oil (8008-57-9)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Vanillin (121-33-5)	
LD50 dermal rabbit	> 5010 mg/kg

Skin corrosion/irritation	: Causes mild 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	: Not classified

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Aspiration hazard : Not classified

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Viscosity, kinematic

SECTION 12: Ecological information

12.1. Toxicity

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

Aldehyde C-16 (77-83-8)

LC50 - Fish [1]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
	> 2000 mg/kg
LD50 oral rat	5470 mg/kg

Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	1.96
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	2490 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

Cinnamic alcohol (104-54-1)

Partition coefficient n-octanol/water (Log Pow)	1.9
LD50 dermal rabbit	> 5000 mg/kg

Cinnamic aldehyde (104-55-2)

Partition coefficient n-octanol/water (Log Pow)	2.22 (at 18 °C)
LD50 dermal rabbit	1260 mg/kg
LD50 oral rat	2220 mg/kg

Methyl salicylate (119-36-8)

Partition coefficient n-octanol/water (Log Pow)	2.55
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	887 mg/kg

Heliotropine crystals (120-57-0)

LC50 - Fish [1]	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])
	> 5000 mg/kg

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Heliotropine crystals (120-57-0)	
LD50 oral rat	2700 mg/kg
Ethyl vanillin crystals (121-32-4)	
LC50 - Fish [1]	81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
	> 2000 mg/kg
LD50 oral rat	1590 mg/kg
Menthol Crystals (1490-04-6)	
LC50 - Fish [1]	22.3 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
Partition coefficient n-octanol/water (Log Pow)	3.2
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral mouse	8100 mg/kg
Citral (5392-40-5)	
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
LD50 dermal rabbit	2250 mg/kg
LD50 oral rat	4960 mg/kg
Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
LD50 oral rat	1930 mg/kg
Orange oil (8008-57-9)	
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	4400 mg/kg
Vanillin (121-33-5)	
LC50 - Fish [1]	53 – 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
NOEC (acute)	10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])
Partition coefficient n-octanol/water (Log Pow)	1.23 (at 22 °C)
LD50 dermal rabbit	> 5010 mg/kg

12.2. Persistence and degradability

Bubblegum	
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

Bubblegum	
Bioaccumulative potential	No additional information available

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

Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	1.96
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	4
Bioaccumulative potential	Not established.
Cinnamic alcohol (104-54-1)	
Partition coefficient n-octanol/water (Log Pow)	1.9
Cinnamic aldehyde (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	2.22 (at 18 °C)
Methyl salicylate (119-36-8)	
Partition coefficient n-octanol/water (Log Pow)	2.55
Menthol Crystals (1490-04-6)	
Partition coefficient n-octanol/water (Log Pow)	3.2
Citral (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.23 (at 22 °C)

12.4. Mobility in soil	
Bubblegum	
Mobility in soil	No additional information available
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	1.96
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	4
Cinnamic alcohol (104-54-1)	
Partition coefficient n-octanol/water (Log Pow)	1.9
Cinnamic aldehyde (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	2.22 (at 18 °C)
Methyl salicylate (119-36-8)	
Partition coefficient n-octanol/water (Log Pow)	2.55
Menthol Crystals (1490-04-6)	
Partition coefficient n-octanol/water (Log Pow)	3.2
Citral (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.23 (at 22 °C)

12.5. Other adverse effects

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

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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
UN-No. (IATA) : 3082

14.2. Proper Shipping Name

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

14.3. Transport hazard class(es)

UN RTDG

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



IMDG

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



IATA

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



14.4. Packing group

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

14.5. Environmental hazards

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

14.6. Special precautions for user

UN RTDG

Special provisions (UN RTDG) : 274, 331, 335, 375
Limited quantities (UN RTDG) : 5L
Excepted quantities (UN RTDG) : E1

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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

IMDG

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
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

IATA

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 provisions (IATA) : A97, A158, A197, A215
ERG code (IATA) : 9L

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

Not applicable

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

Benzyl acetate (140-11-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002908
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Benzyl benzoate (120-51-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003504
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Cinnamic alcohol (104-54-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003482
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Cinnamic aldehyde (104-55-2)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002786
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Methyl salicylate (119-36-8)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003181
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Ethyl vanillin crystals (121-32-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR004802
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Citral (5392-40-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR002728
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Eugenol (97-53-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003486
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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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Vanillin (121-33-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003498
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15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 8/30/2021

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 (Dermal)	6.1D: Acute toxicity (dermal), Category 4
6.1D: Acute Tox. 4 (Oral)	6.1D: Acute toxicity (oral), Category 4

Bubblegum

Safety Data Sheet

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

Full text of H-statements	
6.1E: Acute Tox. 5 (Dermal)	6.1E: Acute toxicity (dermal), Category 5
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
6.3B: Skin Irrit. 3	6.3B: Skin corrosion/irritation, Category 3
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
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
9.3B: Ecotoxicity to terrestrial vertebrates B	9.3B: Ecotoxicity to terrestrial vertebrates B
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 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H432	Toxic to terrestrial vertebrates
H433	Harmful 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