



Peach #23424F

Safety Data Sheet

This Safety Data Sheet has been prepared in accordance with the New Zealand Hazardous Substances (Safety Data Sheets) Notice 2017 under the Hazardous Substances and New Organisms Act (1996)
Date of issue: 11/05/2020 Revision date: 28/10/2020 Supersedes: V 1.0
Version: 2.0

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

1.1 Product identifier

Product name : Peach #23424F
Product form : Mixture
Type of product : Perfumes, fragrances
Product code : 23424F

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

CANDLE CREATIONS
34B WILLIAM PICKERING DRIVE
ROSEDALE, AUCKLAND, 0632
NEW ZEALAND
T 09-448-1920
info@candlecreations.co.nz – www.candlecreations.co.nz

1.5 Emergency phone number

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

9.3C Ecotoxicity to terrestrial vertebrates C
6.3B Flammable liquids Not classified
6.5B Skin corrosion/irritation, Category 3
6.8B Skin sensitisation, Category 1
Reproductive toxicity, Category 2
9.1D Hazardous to the aquatic environment — Acute Hazard, Category 3
9.1C Hazardous to the aquatic environment — Chronic Hazard, Category 3

2.2 Label elements

GHS NZ labelling

Hazard pictograms (GHS NZ) :



GHS07



GHS08

Signal word (GHS NZ) :

Warning

Contains :

Linalool (2.1955 – 4.391 %) ; Orange oil (1.3175 – 2.635 %) ; Hexyl cinnamic aldehyde (1.268 – 2.536 %) ; Amyl cinnamic aldehyde (0.8455 – 1.691 %) ; Citronellol Pure (0.6275 – 1.255 %) ; Butylphenyl methylpropional (0.507 – 1.014 %) ; Linalyl acetate (0.4075 – 0.815 %) ; Triplal (Vertocitral) (0.2535 – 0.507 %) ; Allyl ionone (0.188 – 0.376 %) ; Hydroxy (0.157 – 0.314 %) ; 2-Hydroxybenzoic acid, benzyl ester (0.127 – 0.254 %) ; Exaltolide (0.1255 – 0.251 %) ; Hexyl salicylate (0.1255 – 0.251 %) ; Lyrall (0.0625 – 0.125 %)

Hazard statements (GHS NZ) :

H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction.
H361 - Suspected of damaging fertility or the unborn child.
H412 - Harmful to aquatic life with long lasting effects.
H433 - Harmful to terrestrial vertebrates

Prevention :

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Response :

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

2.3 Other hazards not contributing to the classification

No additional information available

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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
Aldehyde C-14	(CAS-No.) 104-67-6	6.3395 – 12.679	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 2, H401 9.1C: Aquatic Chronic 3, H412
Verdorex	(CAS-No.) 88-41-5	3.1365 – 6.273	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 9.1B: Aquatic Chronic 2, H411
Hexyl cinnamic aldehyde	(CAS-No.) 101-86-0	1.268 – 2.536	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Inhalation:dust,mist) 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Phenoxyethyl isobutyrate	(CAS-No.) 103-60-6	1.247 – 2.494	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 3, H402
Benzyl acetate	(CAS-No.) 140-11-4	1.0195 – 2.039	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) 9.1C: Aquatic Chronic 3, H412
Amyl cinnamic aldehyde	(CAS-No.) 122-40-7	0.8455 – 1.691	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Phenylmethanol	(CAS-No.) 100-51-6	0.784 – 1.568	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302 6.1D: Acute Tox. 4 (Inhalation:gas), H332 9.1D: Aquatic Acute 2, H401
gamma-Decalactone	(CAS-No.) 706-14-9	0.784 – 1.568	Flam. Liq. Not classified 9.1D: Aquatic Acute 3, H402
Diethyl malonate	(CAS-No.) 105-53-3	0.6275 – 1.255	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 3, H402
Citronellol Pure	(CAS-No.) 106-22-9	0.6275 – 1.255	Flam. Liq. Not classified 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
Butylphenyl methylpropional	(CAS-No.) 80-54-6	0.507 – 1.014	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
Isoamyl butyrate	(CAS-No.) 106-27-4	0.2535 – 0.507	3.1C: Flam. Liq. 3, H226 Acute Tox. Not classified (Oral)
Triplal (Vertocitral)	(CAS-No.) 68039-49-6	0.2535 – 0.507	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
Allyl heptanoate	(CAS-No.) 142-19-8	0.188 – 0.376	9.3B: Ecotoxicity to terrestrial vertebrates B, H432 3.1D: Flam. Liq. 4, H227 6.1D: Acute Tox. 4 (Oral), H302 6.1C: Acute Tox. 3 (Dermal), H311 9.1A: Aquatic Acute 1, H400 9.1C: Aquatic Chronic 3, H412
Allyl ionone	(CAS-No.) 79-78-7	0.188 – 0.376	Flam. Liq. Not classified 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Leaf alcohol	(CAS-No.) 928-96-1	0.157 – 0.314	3.1C: Flam. Liq. 3, H226 6.1E: Acute Tox. 5 (Oral), H303 6.1E: Acute Tox. 5 (Dermal), H313 6.4A: Eye Irrit. 2, H319 Aquatic Acute Not classified

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Name	Product identifier	%	Classification according to GHS NZ
Aldehyde C-18	(CAS-No.) 104-61-0	0.157 – 0.314	Flam. Liq. Not classified Acute Tox. Not classified (Oral)
Hydroxy	(CAS-No.) 107-75-5	0.157 – 0.314	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317
Dimethylbenzyl carbinyol acetate(DMBCA)	(CAS-No.) 151-05-3	0.157 – 0.314	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 9.1C: Aquatic Chronic 3, H412
Benzene carboxaldehyde	(CAS-No.) 100-52-7	0.127 – 0.254	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 3.1D: Flam. Liq. 4, H227 6.1D: Acute Tox. 4 (Oral), H302 9.1D: Aquatic Acute 3, H402
Allyl caproate	(CAS-No.) 123-68-2	0.1255 – 0.251	3.1D: Flam. Liq. 4, H227 6.1C: Acute Tox. 3 (Oral), H301 6.1C: Acute Tox. 3 (Dermal), H311 9.1A: Aquatic Acute 1, H400 9.1C: Aquatic Chronic 3, H412
Verdyl acetate	(CAS-No.) 5413-60-5	0.1255 – 0.251	Flam. Liq. Not classified 9.1C: Aquatic Chronic 3, H412
Exaltolide	(CAS-No.) 106-02-5	0.1255 – 0.251	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Hexyl salicylate	(CAS-No.) 6259-76-3	0.1255 – 0.251	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 9.1A: Aquatic Chronic 1, H410
Benzyl butyrate	(CAS-No.) 103-37-7	0.094 – 0.188	Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302
Ethylene brassylate	(CAS-No.) 105-95-3	0.0845 – 0.169	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) 9.1B: Aquatic Chronic 2, H411
Stemone	(CAS-No.) 22457-23-4	0.072 – 0.144	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 9.1C: Aquatic Chronic 3, H412
Styralyl acetate	(CAS-No.) 93-92-5	0.0625 – 0.125	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 3, H402
Lylal	(CAS-No.) 31906-04-4	0.0625 – 0.125	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317
Ethyl 2-methylbutyrate	(CAS-No.) 7452-79-1	0 – 0.084	3.1C: Flam. Liq. 3, H226
Dimethylbenzyl carbinyol butyrate(DMBCB)	(CAS-No.) 10094-34-5	0 – 0.063	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 9.1B: Aquatic Chronic 2, H411
Triethyl citrate (citroflex)	(CAS-No.) 77-93-0	0 – 0.016	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal)

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). IF exposed or concerned: Get medical advice/attention.
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 immediate medical advice/attention. 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 eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

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.
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Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. Irritation.

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.

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.

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. 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, including how the chemical may be safely used

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. Wear personal protective equipment. 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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures	: 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. Wash contaminated clothing before reuse.

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.

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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

Benzyl acetate (140-11-4)	
Malaysia - Occupational Exposure Limits	
PEL TWA (mg/m ³)	61 mg/m ³
PEL TWA (ppm)	10 ppm
China - Occupational Exposure Limits	
Catalogue of Occupational Hazard Factors	Category 3 - Chemicals
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	10 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Phenylmethanol (100-51-6)	
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	22 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Occupational exposure limit value (ppm)	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
Hydroxy (107-75-5)	
China - Occupational Exposure Limits	
Catalogue of Occupational Hazard Factors	Category 3 - Chemicals

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	: 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. [In case of inadequate ventilation] wear respiratory protection.
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	: light yellow, amber
Odour	: characteristic
Odour threshold	: No data available
pH	: No data available
Evaporation rate	: No data available
Relative evaporation rate (butylacetate=1)	: No data available

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Melting point / Freezing point	: Melting point : Not applicable
Boiling point	: No data available
Flash point	: 90 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: Combustible liquid, Non flammable.
Vapour pressure	: No data available
Relative density	: No data available
Density	: Relative density : ≈ 0.93
Solubility	: No data 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 data 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	: Combustible liquid. May form flammable/explosive vapour-air mixture. Not established.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: Open flame. Overheating. Direct sunlight. Heat. Sparks. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: 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

Aldehyde C-14 (104-67-6)	
LD50 oral rat	18500 mg/kg
Verdorex (88-41-5)	
LD50 oral rat	4600 mg/kg
LD50 oral	4600 mg/kg bodyweight
Hexyl cinnamic aldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg
LD50 oral	3100 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg
LC50 inhalation rat (mg/l)	> 5 mg/l/4h
Phenoxyethyl isobutyrate (103-60-6)	
LD50 oral rat	> 5 g/kg
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg
LD50 oral	2490 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Amyl cinnamic aldehyde (122-40-7)	
LD50 oral rat	3730 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Phenylmethanol (100-51-6)	
LD50 oral rat	1230 mg/kg
LD50 oral	1620 mg/kg bodyweight
LD50 dermal	2500 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

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Diethyl malonate (105-53-3)	
LD50 oral rat	14900 µl/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 (mg/l)	> 1802 mg/m ³ (Exposure time: 4 h)
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
Isoamyl butyrate (106-27-4)	
LD50 oral rat	> 5 g/kg
Allyl heptanoate (142-19-8)	
LD50 oral rat	500 mg/kg
LD50 oral	218 mg/kg bodyweight
LD50 dermal	810 mg/kg bodyweight
Dimethylbenzyl carbinyl acetate(DMBCA) (151-05-3)	
LD50 oral rat	3300 mg/kg
LD50 oral	3300 mg/kg bodyweight
Hydroxy (107-75-5)	
LD50 oral rat	> 5 g/kg
Aldehyde C-18 (104-61-0)	
LD50 oral rat	6600 mg/kg
Leaf alcohol (928-96-1)	
LD50 oral rat	4700 mg/kg
LD50 dermal rabbit	5000 mg/kg
Benzene carboxaldehyde (100-52-7)	
LD50 oral rat	1292 mg/kg
LD50 dermal rabbit	> 1250 mg/kg
Hexyl salicylate (6259-76-3)	
LD50 oral rat	> 5 g/kg
Verdyl acetate (5413-60-5)	
LD50 oral	3050 mg/kg bodyweight
Exaltolide (106-02-5)	
LD50 oral rat	> 5 g/kg
Allyl caproate (123-68-2)	
LD50 oral	300 mg/kg bodyweight
LD50 dermal	300 mg/kg bodyweight
LC50 inhalation rat (Vapours - mg/l/4h)	3 mg/l/4h
Benzyl butyrate (103-37-7)	
LD50 oral rat	2330 mg/kg
LD50 oral	1850 mg/kg bodyweight
Ethylene brassylate (105-95-3)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Stemone (22457-23-4)	
LD50 oral rat	3800 mg/kg
LD50 oral	3500 mg/kg bodyweight
Lylal (31906-04-4)	
LD50 oral rat	3250 µl/kg
Styralyl acetate (93-92-5)	
LD50 oral rat	> 5 g/kg
Dimethylbenzyl carbinyl butyrate(DMBCB) (10094-34-5)	
LD50 oral rat	> 5 g/kg
Triethyl citrate (citroflex) (77-93-0)	
LD50 oral rat	5900 mg/kg
LD50 dermal rabbit	> 5 g/kg
LC50 inhalation rat (ppm)	1300 ppm (Exposure time: 6 h)

Skin corrosion/irritation : Causes mild skin irritation.

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Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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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. Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Harmful to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.
Soil toxicity	: Not classified
Terrestrial vertebrate toxicity	: Harmful to terrestrial vertebrates.
Terrestrial invertebrate toxicity	: Not classified
Other information	: Avoid release to the environment.

Aldehyde C-14 (104-67-6)	
LC50 fish 1	569 mg/l 96 h
EC50 Daphnia 1	5.85 mg/l 48 h
EC50 other aquatic organisms 1	5.94 mg/l 72 h
LD50 oral rat	18500 mg/kg
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
Hexyl cinnamic aldehyde (101-86-0)	
LD50 dermal rabbit	> 3000 mg/kg
LD50 oral rat	3100 mg/kg
Phenoxyethyl isobutyrate (103-60-6)	
LC50 fish 1	13.3 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
LD50 oral rat	> 5 g/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
Amyl cinnamic aldehyde (122-40-7)	
LD50 dermal rabbit	> 2000 mg/kg
LD50 oral rat	3730 mg/kg
gamma-Decalactone (706-14-9)	
LC50 fish 1	17.1 – 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
Partition coefficient n-octanol/water (Log Pow)	2.72
Phenylmethanol (100-51-6)	
LC50 fish 1	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
LC50 fish 2	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	23 mg/l (Exposure time: 48 h - Species: water flea)
Partition coefficient n-octanol/water (Log Pow)	1.1
LD50 oral rat	1230 mg/kg
Citronellol Pure (106-22-9)	
LD50 dermal rabbit	2650 mg/kg
LD50 oral rat	3450 mg/kg

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Diethyl malonate (105-53-3)	
LC50 fish 1	10.3 – 13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	202.3 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	508.2 mg/l (Species: Desmodesmus subspicatus)
Partition coefficient n-octanol/water (Log Pow)	0.96
LD50 oral rat	14900 µl/kg
Butylphenyl methylpropional (80-54-6)	
LC50 fish 1	2.2 – 4.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 24 °C)
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	1390 mg/kg
Isoamyl butyrate (106-27-4)	
LD50 oral rat	> 5 g/kg
Allyl heptanoate (142-19-8)	
LD50 oral rat	500 mg/kg
Dimethylbenzyl carbonyl acetate(DMBCA) (151-05-3)	
LD50 oral rat	3300 mg/kg
Hydroxy (107-75-5)	
LD50 oral rat	> 5 g/kg
Aldehyde C-18 (104-61-0)	
LD50 oral rat	6600 mg/kg
Leaf alcohol (928-96-1)	
LC50 fish 1	352 – 412 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LD50 dermal rabbit	5000 mg/kg
LD50 oral rat	4700 mg/kg
Benzene carboxaldehyde (100-52-7)	
LC50 fish 1	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
LC50 fish 2	12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
BCF fish 1	(no significant bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	1.48 (at 20 °C)
LD50 dermal rabbit	> 1250 mg/kg
LD50 oral rat	1292 mg/kg
Hexyl salicylate (6259-76-3)	
LD50 oral rat	> 5 g/kg
Exaltolide (106-02-5)	
LD50 oral rat	> 5 g/kg
Allyl caproate (123-68-2)	
LC50 fish 1	0.117 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Benzyl butyrate (103-37-7)	
LD50 oral rat	2330 mg/kg
Ethylene brassylate (105-95-3)	
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	> 5000 mg/kg
Stemone (22457-23-4)	
LD50 oral rat	3800 mg/kg
Lylal (31906-04-4)	
LD50 oral rat	3250 µl/kg
Styralyl acetate (93-92-5)	
LC50 fish 1	18.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
LD50 oral rat	> 5 g/kg
Dimethylbenzyl carbonyl butyrate(DMBCB) (10094-34-5)	
LD50 oral rat	> 5 g/kg
Triethyl citrate (citroflex) (77-93-0)	
LD50 dermal rabbit	> 5 g/kg
LD50 oral rat	5900 mg/kg

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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

Peach #23424F

Bioaccumulative potential	Not established.
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Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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gamma-Decalactone (706-14-9)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Phenylmethanol (100-51-6)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Diethyl malonate (105-53-3)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Butylphenyl methylpropional (80-54-6)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Benzene carboxaldehyde (100-52-7)

BCF fish 1	See section 12.1 on ecotoxicology
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Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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12.4. Mobility in soil

Peach #23424F

Mobility in soil	No additional information available
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Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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gamma-Decalactone (706-14-9)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Phenylmethanol (100-51-6)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Diethyl malonate (105-53-3)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Butylphenyl methylpropional (80-54-6)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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Benzene carboxaldehyde (100-52-7)

Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
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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
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IMDG

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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

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

Food Additives and Fragrance Materials (Subsidiary Hazard) Group Standard 2017

HSNO Approval Number : HSR002578

Aldehyde C-14 (104-67-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003507

Benzyl acetate (140-11-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002908

Phenylmethanol (100-51-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001039

Citronellol Pure (106-22-9)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003483

Diethyl malonate (105-53-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR006270

Triplal (Vertocitral) (68039-49-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003489

Hydroxy (107-75-5)

Hazardous Substances and New Organisms Act

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Hydroxy (107-75-5)

HSNO Approval Number : HSR003314

Leaf alcohol (928-96-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003488

Benzene carboxaldehyde (100-52-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001395

Benzyl butyrate (103-37-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR007410

Lyal (31906-04-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003512

Ethyl 2-methylbutyrate (7452-79-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR005554

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 5/11/2020

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
6.1C: Acute Tox. 3 (Dermal)	6.1C: Acute toxicity (dermal), Category 3
6.1C: Acute Tox. 3 (Oral)	6.1C: Acute toxicity (oral), Category 3
6.1D: Acute Tox. 4 (Inhalation:gas)	6.1D: Acute toxicity (inhalation:gas) Category 4
6.1D: Acute Tox. 4 (Oral)	6.1D: Acute toxicity (oral), Category 4
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
6.3A: 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
6.8B: Repr. 2	6.8B: Reproductive toxicity, Category 2
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

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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
Aquatic Acute Not classified	Hazardous to the aquatic environment - Acute Hazard Not classified
Flam. Liq. Not classified	Flammable liquids Not classified
H226	Flammable liquid and vapour.
H227	Combustible liquid
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H311	Toxic 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.
H332	Harmful if inhaled.
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.
H432	Toxic to terrestrial vertebrates
H433	Harmful to terrestrial vertebrates

CANDLE CREATIONS SDS NEW ZEALAND

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

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