



Wild Fig & Apple Blossom #23306F

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: 03/12/2020 Revision date: 23/03/2020 Supersedes: V 1.0
Version: 2.0

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

1.1 Product identifier

Trade name : Wild Fig & Apple Blossom #23306F
Product form : Mixture
Type of product : Perfumes, fragrances
Product code : 23306F

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

6.3B Flammable liquids Not classified
6.5B 6.1 D Acute toxicity (oral), Category 4
9.1D Skin corrosion/irritation, Category 3
9.1B Skin sensitisation, Category 1
9.3B Hazardous to the aquatic environment — Acute Hazard, Category 2
Hazardous to the aquatic environment — Chronic Hazard, Category 2
Ecotoxicity to terrestrial vertebrates B

2.2 Label elements

GHS NZ labelling

Hazard pictograms (GHS NZ)



Signal word (GHS NZ)

: Warning

Contains

: Benzyl benzoate (24 – 44 %) ; Iso E Super (8.68 – 36.68 %) ; Hexyl cinnamic aldehyde (1.39004 – 5.87404 %) ; Cyclamal (0.4216 – 1.7816 %) ; Linalool (0.1 – 1 %) ; Isocyclocitral (0.1 – 1 %) ; Lyril (0.1 – 1 %) ; Triplal (Vertocitral) (0.1 – 1 %) ; Coumarin crystals (0.1 – 1 %) ; Aldehyde C-16 (0.1 – 1 %)

Hazard statements (GHS NZ)

: H302 - Harmful if swallowed.
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction.
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects.
H432 - Toxic to terrestrial vertebrates

Prevention

: P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product.
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.

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
Benzyl benzoate	(CAS-No.) 120-51-4	24 – 44	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
Iso E Super	(CAS-No.) 54464-57-2	8.68 – 36.68	Flam. Liq. Not classified 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Hexyl cinnamic aldehyde	(CAS-No.) 101-86-0	1.39004 – 5.87404	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
Verdox	(CAS-No.) 88-41-5	0.899 – 3.799	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 9.1B: Aquatic Chronic 2, H411
Dimethylbenzyl carbonyl butyrate(DMBCB)	(CAS-No.) 10094-34-5	0.7812 – 3.3012	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 9.1B: Aquatic Chronic 2, H411
Cedarwood oil, Virginia	(CAS-No.) 8000-27-9	0.744 – 3.144	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.1E: Asp. Tox. 1, H304 9.1A: Aquatic Chronic 1, H410
Fructose	(CAS-No.) 6413-10-1	0.6076 – 2.5676	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) Aquatic Acute Not classified
Aldehyde C-14	(CAS-No.) 104-67-6	0.4402 – 1.8602	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 2, H401 9.1C: Aquatic Chronic 3, H412
Cyclamal	(CAS-No.) 103-95-7	0.4216 – 1.7816	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Dihydromyrcenol	(CAS-No.) 18479-58-8	0.3844 – 1.6244	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
Isopropyl myristate	(CAS-No.) 110-27-0	0.372 – 1.572	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.1E: Acute Tox. 5 (Dermal), H313 Acute Tox. Not classified (Inhalation:vapour) 9.1D: Aquatic Acute 3, H402
Hexamethylindanopyran	(CAS-No.) 1222-05-5	0.372 – 1.572	Flam. Liq. Not classified 9.1A: Aquatic Acute 1, H400 9.1A: Aquatic Chronic 1, H410
Leaf alcohol	(CAS-No.) 928-96-1	0.1 – 1	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
Triplal (Vertocitral)	(CAS-No.) 68039-49-6	0.1 – 1	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
gamma-Octalactone	(CAS-No.) 104-50-7	0.1 – 1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303
Aldehyde C-18	(CAS-No.) 104-61-0	0.1 – 1	Flam. Liq. Not classified Acute Tox. Not classified (Oral)
Stemone	(CAS-No.) 22457-23-4	0.1 – 1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 9.1C: Aquatic Chronic 3, H412
Linalool	(CAS-No.) 78-70-6	0.1 – 1	3.1D: Flam. Liq. 4, H227 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to GHS NZ
4-Methoxy-alpha-methylbenzenepropanal	(CAS-No.) 5462-06-6	0.1 – 1	Flam. Liq. Not classified 9.1C: Aquatic Chronic 3, H412
Triethyl citrate (citroflex)	(CAS-No.) 77-93-0	0.1 – 1	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal)
Coumarin crystals	(CAS-No.) 91-64-5	0.1 – 1	6.1C: Acute Tox. 3 (Oral), H301 6.1C: Acute Tox. 3 (Dermal), H311 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411
Benzyl butyrate	(CAS-No.) 103-37-7	0.1 – 1	Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302
Butylated hydroxytoluene (BHT) crystals	(CAS-No.) 128-37-0	0.1 – 1	9.1A: Aquatic Acute 1, H400 9.1A: Aquatic Chronic 1, H410
Allyl amyl glycolate	(CAS-No.) 67634-00-8	0.1 – 1	3.1D: Flam. Liq. 4, H227
Aldehyde C-16	(CAS-No.) 77-83-8	0.1 – 1	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
methyl benzoate	(CAS-No.) 93-58-3	0.1 – 1	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
Eugenol	(CAS-No.) 97-53-0	0.1 – 1	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
Diethyl malonate	(CAS-No.) 105-53-3	0.1 – 1	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 3, H402
Ethyl 2-methylbutyrate	(CAS-No.) 7452-79-1	0.1 – 1	3.1C: Flam. Liq. 3, H226
Methyl cinnamate	(CAS-No.) 103-26-4	0.1 – 1	6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 2, H401
Phenoxyethyl isobutyrate	(CAS-No.) 103-60-6	0.1 – 1	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 3, H402
Heliotropine crystals	(CAS-No.) 120-57-0	0.1 – 1	6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317 9.1D: Aquatic Acute 2, H401
Isobornyl acetate	(CAS-No.) 125-12-2	0.1 – 1	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Aquatic Acute Not classified
Isocyclocitral	(CAS-No.) 1335-66-6	0.1 – 1	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 6.4A: Eye Irrit. 2, H319 6.5B: Skin Sens. 1, H317 9.1C: Aquatic Chronic 3, H412
Hexyl acetate	(CAS-No.) 142-92-7	0.1 – 1	3.1C: Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) 9.1D: Aquatic Acute 2, H401
Hedione	(CAS-No.) 24851-98-7	0.1 – 1	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 3, H402
Lylal	(CAS-No.) 31906-04-4	0.1 – 1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317
Styralyl acetate	(CAS-No.) 93-92-5	0.1 – 1	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 3, H402
Geranyl acetate	(CAS-No.) 105-87-3	0.1 – 1	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 6.5B: Skin Sens. 1, H317 9.1C: Aquatic Chronic 3, H412
Terpineol	(CAS-No.) 8000-41-7	0.1 – 1	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319

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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 poison center or a doctor if you feel unwell.
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/.... Wash contaminated clothing before reuse. If skin irritation occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water, Call a physician immediately on this label). If skin irritation or rash occurs: Get immediate medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. 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	: Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell. 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	: 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	: Causes skin irritation. Irritation. May cause an allergic skin reaction.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

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

No additional information available

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

No additional information available

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.

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SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. 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. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash hands thoroughly after handling. 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: 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

4-Methoxy-alpha-methylbenzenepropanal (5462-06-6)	
Korea - Occupational Exposure Limits	
ISHA	Name, Toxicity and Protective Measures of New Chemical
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
New Zealand - Occupational Exposure Limits	
TWA (mg/m ³)	10 mg/m ³
Malaysia - Occupational Exposure Limits	
PEL TWA (mg/m ³)	10 mg/m ³
Korea - Occupational Exposure Limits	
ISHA TWA (mg/m ³)	2 mg/m ³
Singapore - Occupational Exposure Limits	
OEL PEL (mg/m ³)	10 mg/m ³
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	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 (mg/m ³)	10 mg/m ³
WEL STEL (mg/m ³)	30 mg/m ³ (calculated)
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m ³)	2 mg/m ³ (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen

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	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses. Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Wear appropriate mask
Personal protective equipment symbol(s)	

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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
Melting point / Freezing point	: Melting point : Not applicable
Boiling point	: No data available
Flash point	: $\geq 95^{\circ}\text{C}$ (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
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	: Not established.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

ATE NZ (oral)	1125.134 mg/kg bodyweight
Leaf alcohol (928-96-1)	
LD50 oral rat	4700 mg/kg
LD50 dermal rabbit	5000 mg/kg
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
Stemone (22457-23-4)	
LD50 oral rat	3800 mg/kg
LD50 oral	3500 mg/kg bodyweight
gamma-Octalactone (104-50-7)	
LD50 oral rat	4400 mg/kg
LD50 oral	4400 mg/kg bodyweight

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Aldehyde C-18 (104-61-0)	
LD50 oral rat	6600 mg/kg
Coumarin crystals (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg
4-Methoxy-alpha-methylbenzenepropanal (5462-06-6)	
LD50 oral	4000 mg/kg bodyweight
Cyclamal (103-95-7)	
LD50 oral rat	3810 mg/kg
LD50 oral	3810 mg/kg bodyweight
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)
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
Aldehyde C-14 (104-67-6)	
LD50 oral rat	18500 mg/kg
Aldehyde C-16 (77-83-8)	
LD50 oral rat	5470 mg/kg
Allyl amyl glycolate (67634-00-8)	
LD50 oral	730 mg/kg bodyweight
Benzyl butyrate (103-37-7)	
LD50 oral rat	2330 mg/kg
LD50 oral	1850 mg/kg bodyweight
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 mg/kg
Dihydromyrcenol (18479-58-8)	
LD50 oral rat	3600 mg/kg
LD50 oral	3600 mg/kg bodyweight
LD50 dermal rabbit	> 5 g/kg
Diethyl malonate (105-53-3)	
LD50 oral rat	14900 µl/kg
Dimethylbenzyl carbonyl butyrate(DMBCB) (10094-34-5)	
LD50 oral rat	> 5 g/kg
methyl benzoate (93-58-3)	
LD50 oral rat	1177 mg/kg
LD50 oral	1300 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5.57 mg/l (Exposure time: 8 h)
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg
LD50 oral	2500 mg/kg bodyweight
Fructose (6413-10-1)	
LD50 oral rat	> 5 g/kg
Hexamethylindanopyran (1222-05-5)	
LD50 oral rat	> 3250 mg/kg
LD50 dermal rabbit	> 3250 mg/kg
Isopropyl myristate (110-27-0)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	5 g/kg
LC50 Inhalation - Rat	> 41 mg/l (Exposure time: 1 h)

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Geranyl acetate (105-87-3)	
LD50 oral rat	6330 mg/kg
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	> 5 mg/l/4h
Hedione (24851-98-7)	
LD50 oral rat	> 5 g/kg
Heliotropine crystals (120-57-0)	
LD50 oral rat	2700 mg/kg
LD50 oral	2700 mg/kg bodyweight
Hexyl acetate (142-92-7)	
LD50 oral rat	42 g/kg
LD50 dermal rabbit	> 5 g/kg
Isobornyl acetate (125-12-2)	
LD50 oral rat	9050 mg/kg
LD50 dermal rabbit	> 20000 mg/kg
Isocyclocitral (1335-66-6)	
LD50 oral rat	4500 mg/kg
LD50 oral	3220 mg/kg bodyweight
Lylal (31906-04-4)	
LD50 oral rat	3250 µl/kg
Methyl cinnamate (103-26-4)	
LD50 oral rat	2610 mg/kg
LD50 oral	2610 mg/kg bodyweight
Phenoxyethyl isobutyrate (103-60-6)	
LD50 oral rat	> 5 g/kg
Styralyl acetate (93-92-5)	
LD50 oral rat	> 5 g/kg
Terpineol (8000-41-7)	
LD50 oral rat	2900 mg/kg
LD50 oral	4300 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
LD50 oral	4600 mg/kg bodyweight
Linalool (78-70-6)	
LD50 oral	2790 mg/kg bodyweight
Cedarwood oil, Virginia (8000-27-9)	
LD50 oral rat	> 5 g/kg

Skin corrosion/irritation	: Causes mild skin irritation.
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	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

Wild Fig & Apple Blossom #23306F	
Viscosity, kinematic	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Harmful if swallowed.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: 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
Other information	: Avoid release to the environment.

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
Stemone (22457-23-4)	
LD50 oral rat	3800 mg/kg
gamma-Octalactone (104-50-7)	
LD50 oral rat	4400 mg/kg
Aldehyde C-18 (104-61-0)	
LD50 oral rat	6600 mg/kg
Coumarin crystals (91-64-5)	
	> 2000 mg/kg
LD50 oral rat	> 5000 mg/kg
Cyclamal (103-95-7)	
LD50 oral rat	3810 mg/kg
Triethyl citrate (citroflex) (77-93-0)	
LD50 dermal rabbit	> 5 g/kg
LD50 oral rat	5900 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
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
Aldehyde C-16 (77-83-8)	
LC50 fish 1	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
LD50 oral rat	5470 mg/kg
Benzyl butyrate (103-37-7)	
LD50 oral rat	2330 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
Partition coefficient n-octanol/water (Log Pow)	4.17
	> 2000 mg/kg
LD50 oral rat	> 2930 mg/kg
Dihydromyrcenol (18479-58-8)	
LD50 dermal rabbit	> 5 g/kg
LD50 oral rat	3600 mg/kg
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)

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Diethyl malonate (105-53-3)	
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
Dimethylbenzyl carbiny butyrate(DMBCB) (10094-34-5)	
LD50 oral rat	> 5 g/kg
methyl benzoate (93-58-3)	
LC50 fish 1	23 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Partition coefficient n-octanol/water (Log Pow)	2.1
LD50 dermal rabbit	> 2000 mg/kg
LD50 oral rat	1177 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
Fructose (6413-10-1)	
LC50 fish 1	> 100 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
LD50 oral rat	> 5 g/kg
Hexamethylindanopyran (1222-05-5)	
LC50 fish 1	0.452 mg/l Wolf, 1996d-27682
LC50 other aquatic organisms 1	> 0.14 mg/l REACH DOSSIER Pimephales promelas
EC50 Daphnia 2	260 µg/l REACH Dossier
EC50 other aquatic organisms 1	0.131 mg/l REACH Dossier
LD50 dermal rabbit	> 3250 mg/kg
LD50 oral rat	> 3250 mg/kg
Isopropyl myristate (110-27-0)	
LC50 fish 1	8400 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
LC50 fish 2	8400 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
EC50 Daphnia 1	100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	> 100 mg/l (Species: Desmodesmus subspicatus)
Partition coefficient n-octanol/water (Log Pow)	> 6
LD50 dermal rabbit	5 g/kg
LD50 oral rat	> 10000 mg/kg
Geranyl acetate (105-87-3)	
LD50 oral rat	6330 mg/kg
Hexyl cinnamic aldehyde (101-86-0)	
LD50 dermal rabbit	> 3000 mg/kg
LD50 oral rat	3100 mg/kg
Hedione (24851-98-7)	
LC50 fish 1	19 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static])
LD50 oral rat	> 5 g/kg
Heliotropine crystals (120-57-0)	
LC50 fish 1	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])
LD50 oral rat	2700 mg/kg
Hexyl acetate (142-92-7)	
LC50 fish 1	3.7 – 4.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LD50 dermal rabbit	> 5 g/kg
LD50 oral rat	42 g/kg
Isobornyl acetate (125-12-2)	
LC50 fish 1	10 – 18 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
Partition coefficient n-octanol/water (Log Pow)	3.5
LD50 dermal rabbit	> 20000 mg/kg
LD50 oral rat	9050 mg/kg
Isocyclocitral (1335-66-6)	
LD50 oral rat	4500 mg/kg
Lylal (31906-04-4)	
LD50 oral rat	3250 µl/kg
Methyl cinnamate (103-26-4)	
LC50 fish 1	2.76 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
LD50 oral rat	2610 mg/kg

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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
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
Terpineol (8000-41-7)	
LD50 dermal rabbit	> 3000 mg/kg
LD50 oral rat	2900 mg/kg
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
Cedarwood oil, Virginia (8000-27-9)	
LD50 oral rat	> 5 g/kg

12.2. Persistence and degradability

Wild Fig & Apple Blossom #23306F	
Persistence and degradability	Not established.
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Methyl cinnamate (103-26-4)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Wild Fig & Apple Blossom #23306F	
Bioaccumulative potential	Not established.
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Not established.
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
BCF fish 1	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Diethyl malonate (105-53-3)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
methyl benzoate (93-58-3)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Isopropyl myristate (110-27-0)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Isobornyl acetate (125-12-2)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Methyl cinnamate (103-26-4)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

Wild Fig & Apple Blossom #23306F	
Mobility in soil	No additional information available
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Butylated hydroxytoluene (BHT) crystals (128-37-0)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Diethyl malonate (105-53-3)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
methyl benzoate (93-58-3)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Isopropyl myristate (110-27-0)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Isobornyl acetate (125-12-2)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology

12.5. Other adverse effects

Ozone : Not classified

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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 in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number

UN-No.(UN RTDG) : Not applicable
UN-No. (IMDG) : 3082
UN-No. (IATA) : 3082

14.2. Proper Shipping Name

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



IMDG

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



IATA

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



14.4. Packing group

Packing group (UN RTDG) : Not applicable
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

No data available

IMDG

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

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Packing instructions (IMDG)	: P001, LP01
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, 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
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

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

Leaf alcohol (928-96-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003488

Triplal (Vertocitral) (68039-49-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003489

Coumarin crystals (91-64-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003237

Benzyl benzoate (120-51-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003504

Aldehyde C-14 (104-67-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003507

Benzyl butyrate (103-37-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR007410

Butylated hydroxytoluene (BHT) crystals (128-37-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002784

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Diethyl malonate (105-53-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR006270

Ethyl 2-methylbutyrate (7452-79-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR005554

methyl benzoate (93-58-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003502

Eugenol (97-53-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003486

Hexyl acetate (142-92-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR004050

Isobornyl acetate (125-12-2)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003572

Lylal (31906-04-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003512

Terpineol (8000-41-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003269

Linalool (78-70-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003500

Cedarwood oil, Virginia (8000-27-9)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003855

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 12/3/2020

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 (Oral)	6.1D: Acute toxicity (oral), Category 4

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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
9.1A: 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
9.3B: 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 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) 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
H304	May be fatal if swallowed and enters airways.
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.
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.

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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

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