



Amazonian Grape #29956F

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: 20/03/2020 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

Product name : Amazonian Grape #29956F
Product form : Mixture
Type of product : Perfumes, fragrances
Product code : 29956F

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

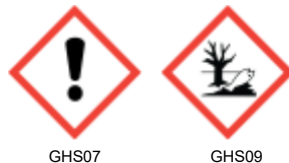
2.1 Classification of the substance or mixture

9.3B	Ecotoxicity to terrestrial vertebrates B
3.1D	Flammable liquids, Category 4
6.1D	Acute toxicity (oral), Category 4
6.3B	Skin corrosion/irritation, Category 3
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

2.2 Label elements

GHS NZ labelling

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) :

Warning

Contains :

Benzyl benzoate (10 – 40 %) ; Veltol plus crystals (0.806 – 3.406 %) ; Aldehyde C-16 (0.465 – 1.965 %) ; d-Limonene (0.403 – 1.703 %) ; Linalool (0.1 – 1 %) ; Methyl isoeugenol (0.1 – 1 %) ; Terpinolene (0.1 – 1 %)

Hazard statements (GHS NZ) :

H227 - Combustible liquid
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 :

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.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.

Response :

P332+P313 - If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards not contributing to the classification

No additional information available

Amazonian Grape #29956F

Safety Data Sheet

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	10–40	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
Verdorex	(CAS-No.) 88-41-5	2.325 – 9.825	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 9.1B: Aquatic Chronic 2, H411
Ethyl acetoacetate	(CAS-No.) 141-97-9	2.108 – 8.908	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Aquatic Acute Not classified
methyl anthranilate	(CAS-No.) 134-20-3	0.806 – 3.406	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.1E: Acute Tox. 5 (Dermal), H313 6.4A: Eye Irrit. 2, H319
Veltol plus crystals	(CAS-No.) 4940-11-8	0.806 – 3.406	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 6.1D: Acute Tox. 4 (Oral), H302 Aquatic Acute Not classified
Ethyl 2-methylbutyrate	(CAS-No.) 7452-79-1	0.7905 – 3.3405	3.1C: Flam. Liq. 3, H226
Diethyl malonate	(CAS-No.) 105-53-3	0.496 – 2.096	3.1D: Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) 6.4A: Eye Irrit. 2, H319 9.1D: Aquatic Acute 3, H402
Ethyl butyrate	(CAS-No.) 105-54-4	0.4805 – 2.0305	3.1C: Flam. Liq. 3, H226 Acute Tox. Not classified (Oral)
Aldehyde C-16	(CAS-No.) 77-83-8	0.465 – 1.965	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
Terpinyl acetate	(CAS-No.) 80-26-2	0.465 – 1.965	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Aquatic Acute Not classified 9.1B: Aquatic Chronic 2, H411
Ethyl acetate	(CAS-No.) 141-78-6	0.1–1	3.1A: Flam. Liq. 1, H224 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) 6.4A: Eye Irrit. 2, H319 6.9B (Narcotic) : STOT SE 3, H336 Aquatic Acute Not classified
Ethyl propionate	(CAS-No.) 105-37-3	0.1–1	3.1B: Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 6.1E (Respiratory tract irritant) : STOT SE 3, H335
Ethyl isovalerate	(CAS-No.) 108-64-5	0.1–1	3.1C: Flam. Liq. 3, H226 6.3A: Skin Irrit. 2, H315
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
Ethyl caproate	(CAS-No.) 123-66-0	0.1–1	3.1C: Flam. Liq. 3, H226 6.3A: Skin Irrit. 2, H315 9.1D: Aquatic Acute 2, H401
Isoamyl acetate	(CAS-No.) 123-92-2	0.1–1	3.1C: Flam. Liq. 3, H226
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
cis-3-Hexenyl acetate	(CAS-No.) 3681-71-8	0.1–1	3.1C: Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 3, H402

Amazonian Grape #29956F

Safety Data Sheet

Name	Product identifier	%	Classification according to GHS NZ
Phenylmethanol	(CAS-No.) 100-51-6	0.1–1	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
Methyl phenylacetate	(CAS-No.) 101-41-7	0.1–1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303
Benzyl acetate	(CAS-No.) 140-11-4	0.1–1	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) 9.1C: Aquatic Chronic 3, H412
cis-3-Hexenyl butyrate	(CAS-No.) 16491-36-4	0.1–1	3.1D: Flam. Liq. 4, H227
cis-3-Hexenyl alpha-methyl butyrate	(CAS-No.) 53398-85-9	0.1–1	3.1D: Flam. Liq. 4, H227
Terpinolene	(CAS-No.) 586-62-9	0.1–1	3.1D: Flam. Liq. 4, H227 6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317 6.1E: Asp. Tox. 1, H304 9.1A: Aquatic Acute 1, H400 9.1A: Aquatic Chronic 1, H410
gamma-Decalactone	(CAS-No.) 706-14-9	0.1–1	Flam. Liq. Not classified 9.1D: Aquatic Acute 3, H402
Phenylethyl acetate	(CAS-No.) 103-45-7	0.1–1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 8.3A: Eye Dam. 1, H318
Cinnamyl acetate	(CAS-No.) 103-54-8	0.1–1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.4A: Eye Irrit. 2, H319
Amyl isovalerate	(CAS-No.) 25415-62-7	0.1–1	3.1D: Flam. Liq. 4, H227
Ethyl cinnamate	(CAS-No.) 103-36-6	0.1–1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303
3-Phenylprop-2-en-1-yl propionate	(CAS-No.) 103-56-0	0.1–1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.3B: Skin Irrit. 3, H316
Aldehyde C-14	(CAS-No.) 104-67-6	0.1–1	Flam. Liq. Not classified Acute Tox. Not classified (Oral) 9.1D: Aquatic Acute 2, H401 9.1C: Aquatic Chronic 3, H412
Oxypheylon (Raspberry ketone) crystals	(CAS-No.) 5471-51-2	0.1–1	9.3C: Ecotoxicity to terrestrial vertebrates C, H433 6.1D: Acute Tox. 4 (Oral), H302
Oranger Crystals	(CAS-No.) 93-08-3	0.1–1	6.1D: Acute Tox. 4 (Oral), H302 6.3A: Skin Irrit. 2, H315 6.4A: Eye Irrit. 2, H319 9.1B: Aquatic Chronic 2, H411
Methyl isoeugenol	(CAS-No.) 93-16-3	0.1–1	Flam. Liq. Not classified 6.1E: Acute Tox. 5 (Oral), H303 6.5B: Skin Sens. 1, H317

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	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water/.... If skin irritation or rash 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). Wash contaminated clothing before reuse. 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 after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. Irritation.

Amazonian Grape #29956F

Safety Data Sheet

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.

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.

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. No open flames, no sparks, and no smoking.

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, sparks and flame. No smoking.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. 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. No open flames. No smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hygiene measures : Wash hands thoroughly after handling. 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 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. Keep in fireproof place. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Amazonian Grape #29956F

Safety Data Sheet

Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.
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

Ethyl acetate (141-78-6)	
New Zealand - Occupational Exposure Limits	
TWA (mg/m ³)	720 mg/m ³
TWA (ppm)	200 ppm
Malaysia - Occupational Exposure Limits	
PEL TWA (mg/m ³)	1440 mg/m ³
PEL TWA (ppm)	400 ppm
China - Occupational Exposure Limits	
OEL TWA	200 mg/m ³
OEL STEL	300 mg/m ³
Catalogue of Occupational Hazard Factors	Category 3 - Chemicals
Korea - Occupational Exposure Limits	
ISHA	Hazardous Substances Subject to Control - Organic Compounds
ISHA TWA (ppm)	400 ppm
Singapore - Occupational Exposure Limits	
OEL PEL (mg/m ³)	1440 mg/m ³
OEL PEL (ppm)	400 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	730 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)	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	734 mg/m ³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m ³)	1468 mg/m ³
WEL STEL (ppm)	400 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	400 ppm
Isoamyl acetate (123-92-2)	
New Zealand - Occupational Exposure Limits	
TWA (mg/m ³)	532 mg/m ³
TWA (ppm)	100 ppm
Malaysia - Occupational Exposure Limits	
PEL TWA (mg/m ³)	532 mg/m ³
PEL TWA (ppm)	100 ppm
Korea - Occupational Exposure Limits	
ISHA	Hazardous Substances Subject to Control - Organic Compounds
ISHA TWA (ppm)	50 ppm
ISHA STEL (ppm)	100 ppm
Singapore - Occupational Exposure Limits	
OEL PEL (mg/m ³)	532 mg/m ³
OEL PEL (ppm)	100 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	270 mg/m ³
Occupational exposure limit value (ppm)	50 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	50 ppm (Pentyl acetate, all isomers)
ACGIH STEL (ppm)	100 ppm (Pentyl acetate, all isomers)

Amazonian Grape #29956F

Safety Data Sheet

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
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

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

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

Melting point / Freezing point : Melting point : Not applicable

Boiling point : No data available

Flash point : 64.7 °C (closed cup) ASTM D7094

Auto-ignition temperature : No data available

Flammability (solid, gas) : Combustible liquid

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

Amazonian Grape #29956F

Safety Data Sheet

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.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks. Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

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)	730.52 mg/kg bodyweight
Ethyl acetate (141-78-6)	
LD50 oral rat	5620 mg/kg
LD50 dermal rabbit	> 18000 mg/kg
LC50 inhalation rat (ppm)	4000 ppm/4h
Ethyl propionate (105-37-3)	
LD50 oral rat	8732 mg/kg
Ethyl butyrate (105-54-4)	
LD50 oral rat	13 g/kg
Leaf alcohol (928-96-1)	
LD50 oral rat	4700 mg/kg
LD50 dermal rabbit	5000 mg/kg
Ethyl acetoacetate (141-97-9)	
LD50 oral rat	3980 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
cis-3-Hexenyl acetate (3681-71-8)	
LD50 oral rat	> 5 g/kg
Hexyl acetate (142-92-7)	
LD50 oral rat	42 g/kg
LD50 dermal rabbit	> 5 g/kg
Phenylmethanol (100-51-6)	
LD50 oral rat	1230 mg/kg
LD50 oral	1620 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
Diethyl malonate (105-53-3)	
LD50 oral rat	14900 µl/kg
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Methyl phenylacetate (101-41-7)	
LD50 oral rat	2550 mg/kg
LD50 oral	2550 mg/kg bodyweight
LD50 dermal	2400 mg/kg bodyweight
Veltol plus crystals (4940-11-8)	
LD50 oral rat	1150 mg/kg
LD50 oral	1200 mg/kg bodyweight
Phenylethyl acetate (103-45-7)	
LD50 oral rat	3670 mg/kg
LD50 oral	2500 mg/kg bodyweight

Amazonian Grape #29956F

Safety Data Sheet

Terpinyl acetate (80-26-2)	
LD50 oral rat	5075 mg/kg
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
LD50 oral	4600 mg/kg bodyweight
Terpinolene (586-62-9)	
LD50 oral rat	4390 mg/kg
LD50 oral	3775 mg/kg bodyweight
methyl anthranilate (134-20-3)	
LD50 oral rat	2910 mg/kg
LD50 oral	2780 mg/kg bodyweight
LD50 dermal rabbit	5000 mg/kg
Ethyl cinnamate (103-36-6)	
LD50 oral rat	4 g/kg
LD50 oral	2500 mg/kg bodyweight
Aldehyde C-16 (77-83-8)	
LD50 oral rat	5470 mg/kg
Cinnamyl acetate (103-54-8)	
LD50 oral rat	3300 mg/kg
LD50 oral	3330 mg/kg bodyweight
Methyl isoeugenol (93-16-3)	
LD50 oral rat	2500 mg/kg
LD50 oral	2500 mg/kg bodyweight
3-Phenylprop-2-en-1-yl propionate (103-56-0)	
LD50 oral rat	3400 mg/kg
LD50 oral	3400 mg/kg bodyweight
Oxyphellon (Raspberry ketone) crystals (5471-51-2)	
LD50 oral rat	1320 mg/kg
Aldehyde C-14 (104-67-6)	
LD50 oral rat	18500 mg/kg
Oranger Crystals (93-08-3)	
LD50 oral	2500 mg/kg bodyweight
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

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

Amazonian Grape #29956F	
Viscosity, kinematic	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects. Toxic to aquatic life.
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.

Amazonian Grape #29956F

Safety Data Sheet

Soil toxicity	: Not classified
Terrestrial vertebrate toxicity	: Toxic to terrestrial vertebrates.
Terrestrial invertebrate toxicity	: Not classified
Other information	: Avoid release to the environment.

Ethyl acetate (141-78-6)	
LC50 fish 1	220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 Daphnia 1	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
BCF fish 1	30
Partition coefficient n-octanol/water (Log Pow)	0.6
LD50 dermal rabbit	> 18000 mg/kg
LD50 oral rat	5620 mg/kg
Ethyl propionate (105-37-3)	
LD50 oral rat	8732 mg/kg
Ethyl butyrate (105-54-4)	
LD50 oral rat	13 g/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
Ethyl acetoacetate (141-97-9)	
LC50 fish 1	298 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 fish 2	290 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	646 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	> 500 mg/l (Species: Desmodesmus subspicatus)
Partition coefficient n-octanol/water (Log Pow)	0.27
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	3980 mg/kg
Ethyl caproate (123-66-0)	
LC50 fish 1	8.02 – 9.97 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
cis-3-Hexenyl acetate (3681-71-8)	
LC50 fish 1	13 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
LD50 oral rat	> 5 g/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
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
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
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
Methyl phenylacetate (101-41-7)	
LD50 oral rat	2550 mg/kg
Veltol plus crystals (4940-11-8)	
LC50 fish 1	> 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LD50 oral rat	1150 mg/kg

Amazonian Grape #29956F

Safety Data Sheet

Phenylethyl acetate (103-45-7)	
LD50 oral rat	3670 mg/kg
Terpinyl acetate (80-26-2)	
LC50 fish 1	> 11 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LD50 oral rat	5075 mg/kg
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
Terpinolene (586-62-9)	
LC50 fish 1	0.805 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
LD50 oral rat	4390 mg/kg
methyl anthranilate (134-20-3)	
LD50 dermal rabbit	5000 mg/kg
LD50 oral rat	2910 mg/kg
Ethyl cinnamate (103-36-6)	
LD50 oral rat	4 g/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
Cinnamyl acetate (103-54-8)	
LD50 oral rat	3300 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
Methyl isoeugenol (93-16-3)	
LD50 oral rat	2500 mg/kg
3-Phenylprop-2-en-1-yl propionate (103-56-0)	
LD50 oral rat	3400 mg/kg
Oxyphellon (Raspberry ketone) crystals (5471-51-2)	
LD50 oral rat	1320 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
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
12.2. Persistence and degradability	
Amazonian Grape #29956F	
Persistence and degradability	Not established.
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
Amazonian Grape #29956F	
Bioaccumulative potential	Not established.
Ethyl acetate (141-78-6)	
BCF fish 1	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Ethyl acetoacetate (141-97-9)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Phenylmethanol (100-51-6)	
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

Amazonian Grape #29956F

Safety Data Sheet

Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
gamma-Decalactone (706-14-9)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Not established.

12.4. Mobility in soil

Amazonian Grape #29956F	
Mobility in soil	No additional information available

Ethyl acetate (141-78-6)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Ethyl acetoacetate (141-97-9)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Phenylmethanol (100-51-6)	
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
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
gamma-Decalactone (706-14-9)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology

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 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.
Additional information	: Handle empty containers with care because residual vapours are flammable.

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

Amazonian Grape #29956F

Safety Data Sheet



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

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

Amazonian Grape #29956F

Safety Data Sheet

Ethyl acetate (141-78-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001041

Ethyl propionate (105-37-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001254

Ethyl butyrate (105-54-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001146

Ethyl 2-methylbutyrate (7452-79-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR005554

Ethyl isovalerate (108-64-5)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR005487

Leaf alcohol (928-96-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003488

Isoamyl acetate (123-92-2)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001171

Ethyl acetoacetate (141-97-9)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR005690

Ethyl caproate (123-66-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003480

Hexyl acetate (142-92-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR004050

Phenylmethanol (100-51-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001039

Diethyl malonate (105-53-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR006270

Benzyl acetate (140-11-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002908

Terpinolene (586-62-9)

Hazardous Substances and New Organisms Act

Amazonian Grape #29956F

Safety Data Sheet

Terpinolene (586-62-9)

HSNO Approval Number : HSR001222

methyl anthranilate (134-20-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003509

Ethyl cinnamate (103-36-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR006125

Aldehyde C-14 (104-67-6)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003507

Oranger Crystals (93-08-3)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR005461

Benzyl benzoate (120-51-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR003504

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 3/20/2020

Other information : None.

Full text of H-statements:

3.1A: Flam. Liq. 1	3.1A: Flammable liquids, Category 1
3.1B: Flam. Liq. 2	3.1B: Flammable liquids, Category 2
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 (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 (Respiratory tract irritant) : STOT SE 3	6.1E (Respiratory tract irritant) : Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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
6.9B (Narcotic) : STOT SE 3	6.9B (Narcotic) : Specific target organ toxicity — Single exposure, Category 3, Narcosis
8.3A: Eye Dam. 1	8.3A: Serious eye damage/eye irritation, Category 1
9.1A: Aquatic Acute 1	9.1A: Hazardous to the aquatic environment — Acute Hazard, Category 1

Amazonian Grape #29956F

Safety Data Sheet

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 (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
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
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.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
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

Amazonian Grape #29956F

Safety Data Sheet

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