

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 11/10/2023 Version: 1.0 Print date: 11/10/2023

SECTION 1: Identification

1.1. Identification Product form : Mixture Trade name HAPPY TAILS #F23-3296 · Product code F23-3296 · 1.2. Recommended use and restrictions on use Use of the substance/mixture : Perfumes, fragrances Recommended use Perfumes, fragrances 1.3. Supplier FCANDLE CREATIONS 34B WILLIAM PICKERING DRIVE, ROSEDALE, AUCKLAND, 0632 NEW ZEALAND T+ 64-9448-1920

info@candlecreations.co.nz - www.candlecreations.co.nz

1.4. Emergency telephone number

Emergency number

: NZ NATIONAL POISONS CENTRE - 0800 (0800-764-766)

SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture **GHS-US** classification Flammable liquids, Category 4 H227 Combustible liquid Acute toxicity (oral), Category 4 H302 Harmful if swallowed. Skin corrosion/irritation, Category 2 H315 Causes skin irritation. H319 Causes serious eye irritation. Serious eye damage/eye irritation, Category 2 Skin sensitisation, Category 1 H317 May cause an allergic skin reaction. Reproductive toxicity, Category 2 H361 Suspected of damaging fertility or the unborn child. Specific target organ toxicity - Single exposure, Category 2 H371 May cause damage to organs. Aspiration hazard, Category 1 H304 May be fatal if swallowed and enters airways.

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)

Signal word (GHS US) Hazard statements (GHS US)



: Danger

H227 - Combustible liquid

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

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	H361 - Suspected of damaging fertility or the unborn child.
	H371 - May cause damage to organs.
Precautionary statements (GHS US)	: P201 - Obtain special instructions before use.
	P202 - Do not handle until all safety precautions have been read and understood.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
	smoking.
	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264 - Wash hands thoroughly after handling

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
benzyl benzoate	CAS-No.: 120-51-4	11.6 – 23.231	Acute Tox. 4 (Oral), H302
Lavandin abrialis oil	CAS-No.: 8022-15-9	3.9 - 7.78	Flam. Liq. 4, H227 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Phenylethyl alcohol	CAS-No.: 60-12-8	3.9 – 7.78	Acute Tox. 4 (Oral), H302
Linalool	CAS-No.: 78-70-6	2.1 – 4.19	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Acute 3, H402
Orange oil	CAS-No.: 8008-57-9	2.1 – 4.19	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	CAS-No.: 63500-71-0	1.5 – 3.0014	Eye Irrit. 2A, H319
benzyl alcohol	CAS-No.: 100-51-6	1.4 – 2.87	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
Rosemary Oil	CAS-No.: 8000-25-7	1.2 – 2.39	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 2, H371 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Vanillin	CAS-No.: 121-33-5	1.2 – 2.39	Eye Irrit. 2A, H319

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Name	Product identifier	%	GHS-US classification
Linalyl acetate	CAS-No.: 115-95-7	1.2 – 2.39	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Methyl anthranilate	CAS-No.: 134-20-3	0.9 – 1.8	Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Sandela	CAS-No.: 66068-84-6	0.6 – 1.2	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Rose oxide	CAS-No.: 16409-43-1	0.2 – 0.359	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Repr. 2, H361 Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	 Remove person to fresh air and keep comfortable for breathing. Allow affected person to breath fresh air. Allow the victim to rest.
First-aid measures after skin contact	If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash with plenty of water/ Wash contaminated clothing before reuse. Get medical advice/attention. Gently wash with plenty of soap and water. Remove affected clothing and wash all exposed skir area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	 Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Immediately call a POISON CENTER/doctor. Obtain emergency medical attention.
4.2. Most important symptoms and effect	ts (acute and delayed)
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Harmful if swallowed.
Symptoms/effects	: Suspected of damaging fertility or the unborn child. May cause damage to organs. 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.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	g media
Suitable extinguishing media Unsuitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand. : Do not use a heavy water stream.

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5.2. Specific hazards arising from	the chemical	
Fire hazard Explosion hazard	Combustible liquid.May form flammable/explosive vapour-air mixture.	
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.	

SECTION 6: Accidental release measur	es
6.1. Personal precautions, protective equip	ment 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	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment Emergency procedures	 Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Ventilate area.
6.2. Environmental precautions	

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

	6.3. Methods and material for containing	nent and cleaning up
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. (spillage. Store away from other materials.	Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storag	e
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	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 breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. No open flames. No smoking.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, incl	uding any incompatibilities
Technical measures Storage conditions	 Proper grounding procedures to avoid static electricity should be followed. 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.
Incompatible products	: Strong bases. Strong acids.

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Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.Storage temperature: 25 °CStorage 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	
HAPPY TAILS #F23-3296	
No additional information available	
benzyl benzoate (120-51-4)	
No additional information available	
Lavandin abrialis oil (8022-15-9)	
No additional information available	
Phenylethyl alcohol (60-12-8)	
No additional information available	
Linalool (78-70-6)	
No additional information available	
Orange oil (8008-57-9)	
No additional information available	
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mix	red isomers (cis and trans) (63500-71-0)
No additional information available	
benzyl alcohol (100-51-6)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA [ppm]	10 ppm
Rosemary Oil (8000-25-7)	
No additional information available	
Vanillin (121-33-5)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	10 mg/m ³
Linalyl acetate (115-95-7)	
No additional information available	
Methyl anthranilate (134-20-3)	
No additional information available	
Sandela (66068-84-6)	
No additional information available	
Rose oxide (16409-43-1)	
No additional information available	

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8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure. Wash hands thoroughly after handling.

Hand protection:
Near protective gloves.
Eye protection:
Chemical goggles or safety glasses
Skin and body protection:
Near suitable protective clothing
Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. [In case of inadequate ventilation] wear

respiratory protection. Wear appropriate mask

Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Oxidising properties

: No data available

9.2. Other information

No additional information available

I0.1. Reactivity	
lo additional information available	
I0.2. Chemical stability	
Combustible liquid. May form flammable/explosive vapour-air mixture.	
10.3. Possibility of hazardous reactions	
lot established.	
I0.4. Conditions to avoid	
irect sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.	
10.5. Incompatible materials	
Strong acids. Strong bases.	

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information			
11.1. Information on toxicological effects			
Acute toxicity (dermal)	Harmful if swallowed. Not classified Not classified		
HAPPY TAILS #F23-3296			
ATE US (oral)	1656.439 mg/kg bodyweight		
benzyl benzoate (120-51-4)			
LD50 oral rat	500 mg/kg (Source: NLM_CIP)		
LD50 oral	1160 mg/kg bodyweight		
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)		
ATE US (oral)	500 mg/kg bodyweight		
ATE US (dermal)	4000 mg/kg bodyweight		
Lavandin abrialis oil (8022-15-9)			
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)		
Phenylethyl alcohol (60-12-8)			
LD50 oral rat	1609 mg/kg (Source: EPA_HPV)		
LD50 oral	1610 mg/kg bodyweight		

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Phenylethyl alcohol (60-12-8)	
LD50 dermal rabbit	2535 mg/kg (Source: EPA_HPV)
LD50 dermal	2500 mg/kg bodyweight
LC50 Inhalation - Rat	> 4.63 mg/l/4h
ATE US (oral)	1609 mg/kg bodyweight
ATE US (dermal)	2535 mg/kg bodyweight
Linalool (78-70-6)	
LD50 oral	2790 mg/kg bodyweight
Orange oil (8008-57-9)	
LD50 oral rat	4400 mg/kg (Source: NZ_CCID)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
ATE US (oral)	4400 mg/kg bodyweight
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mix	ed isomers (cis and trans) (63500-71-0)
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg (Source: NLM_CIP)
LD50 oral	1620 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
ATE US (oral)	1230 mg/kg bodyweight
Rosemary Oil (8000-25-7)	
LD50 oral rat	5 g/kg (Source: NLM_CIP)
ATE US (oral)	5000 mg/kg bodyweight
Vanillin (121-33-5)	
LD50 dermal rabbit	> 5010 mg/kg (Source: OECD_SIDS)
LD50 dermal	2600 mg/kg bodyweight
Linalyl acetate (115-95-7)	
LD50 oral rat	14550 mg/kg (Source: EPA_HPV)
LD50 dermal rabbit	> 5000 mg/kg (Source: EPA_HPV)
ATE US (oral)	14550 mg/kg bodyweight
Methyl anthranilate (134-20-3)	
LD50 oral rat	2910 mg/kg (Source: NLM_CIP)
LD50 oral	2780 mg/kg bodyweight
LD50 dermal rabbit	5000 mg/kg (Source: NLM_HSDB)
ATE US (oral)	2910 mg/kg bodyweight
ATE US (dermal)	5000 mg/kg bodyweight
Sandela (66068-84-6)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
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Sandela (66068-84-6)		
LC50 Inhalation - Rat		> 5.27 mg/l/4h
Rose oxide (16409-43-1)		
LD50 oral rat		4300 mg/kg (Source: NLM_CIP)
LD50 oral		4300 mg/kg bodyweight
ATE US (oral)		4300 mg/kg bodyweight
Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye irritation.
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Suspected of damaging fertility or the unborn child.
STOT-single exposure	:	May cause damage to organs.
Rosemary Oil (8000-25-7)		
STOT-single exposure		May cause damage to organs.
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	May be fatal if swallowed and enters airways.
Viscosity, kinematic	:	20.5 mm²/s
benzyl benzoate (120-51-4)		
Viscosity, kinematic		7.456 mm²/s
Orange oil (8008-57-9)		
Hydrocarbon		Yes
Potential adverse human health effects and symptoms	:	Based on available data, the classification criteria are not met. Harmful if swallowed.
Symptoms/effects	:	Suspected of damaging fertility or the unborn child. May cause damage to organs. 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.
Symptoms/effects after ingestion		Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity benzyl benzoate (120-51-4) LC50 - Fish [1] 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) NOEC (chronic) 0.168 mg/l **Phenylethyl alcohol (60-12-8)** EC50 - Crustacea [1] 287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna) EC50 72h - Algae [1] 490 mg/l (Species: Desmodesmus subspicatus) **Linalool (78-70-6)** EC50 96h - Algae [1] 88.3 mg/l (Species: Desmodesmus subspicatus)

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LC90 - Fish [1] 460 mgl (Exposure time: 46 h - Species: Prinophales promelas [static] Source: EPA) LC90 - Fish [2] 10 mgl (Exposure time: 46 h - Species: Leponis macrochius [static] Source: EPA) LC90 - Fish [2] S3 - 61.3 mgl (Exposure time: 96 h - Species: Prinophales promelas [static] Source: EPA) LC90 - Fish [2] S3 - 61.3 mgl (Exposure time: 96 h - Species: Prinophales promelas [static] Source: EPA) LC90 - Fish [2] S8 mgl (Exposure time: 96 h - Species: Prinophales promelas [static] Source: EPA) NOEC (acute) 10000 mg/kg (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [1] 1 mgl (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) LC90 - Fish [2] Fis	benzyl alcohol (100-51-6)		
LCS0 - Fish [2] 10 mg1 (Exposure time: 96 h - Species: Lepomis macrochius [static] Source: EPA) Vanilin (121-33-6) S3 - 61.3 mg1 (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) LCS0 - Fish [2] 88 mg1 (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) NOEC (acute) 10000 mg/kg (Exposure time: 96 h - Species: Eisenia foetda [sol dry weight]) LInalyl acetate (115-95-7) LCS0 - Fish [1] LCS0 - Fish [1] 11 mg1 (Exposure time: 96 h - Species: Cyprinus carpic [flow-through] Source: ECHA) 12.2. Parsistence and degradability Not established. Persistence and degradability Not established. Denzyl benzoate (120-51-4) Persistence and degradability Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Not established. HAPPY TAILS #F23-3296 Eleaccumulative potential Bioaccumulative potential Not established. Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phenylethyl alcohol (60-12-6) Feral Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH >6.09-<6.7.4) <td>LC50 - Fish [1]</td> <td>460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)</td>	LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	
Vanillin (121-33-5) LC50 - Fish [1] 53 - 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [fatic] Source: EPA) LC50 - Fish [2] 88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA) NOEC (aute) 10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soli dry weight]) Linalyl acetate (115-95-7) LC50 - Fish [1] 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability Not established. benzyl benzoate (120-51-4) Persistence and degradability Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Not established. HAPPY TAILS #F23-3296 Persistence and degradability Bioaccumulative potential Not established. HAPPY TAILS #F23-3296 Persistence and degradability Bioaccumulative potential Not established. Phartition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Pertition coefficient n-octanol/water (Log Pow) 1.65 V	EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)	
LC50 - Fish [1] 53 - 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) LC50 - Fish [2] 84 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA) NOEC (aute) 1000 mg/kg (Exposure time: 42 Days - Species: Eisenia foelida [soil dry weight]) LInalyi acetate (115-95-7) Image: Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability Not established. HAPPY TAILS #F23-3296 Persistence and degradability Persistence and degradability Not established. barazyl barzoate (120-51-4) Persistence and degradability Persistence and degradability Not established. barazyl barzoate (120-51-4) Persistence potential HAPPY TAILS #F23-3296 Bioaccumulative potential Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phanylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7)	LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)	
EPA) LCS0 - Fish [2] 88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA) NOEC (acute) 10000 mg/kg (Exposure time: 42 Days - Species: Elsenia foetida [soil dry weight]) LInalyl acetate (115-95-7) L LCS0 - Fish [1] 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability Not established. Persistence and degradability Not established. bmzyl bonzoata (120-51-4) Persistence and degradability Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Not established. benzyl benzoata (120-51-4) Persistence and degradability Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phenylethyl alcohol (66-12-8) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cls and trans) (63500-71-0) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.05 Ya (at 22 °C)	Vanillin (121-33-5)		
NOEC (acute) 10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida (soli dry weight)) Linalyl acotato (115-95-7) It mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability It mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability Not established. benzyl benzoato (120-51-4) Persistence and degradability Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Not established. HAPPY TAILS #F23-3296 Bioaccumulative potential Bioaccumulative potential Not established. benzyl benzoate (120-51-4) Persitence and degradability Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phenylettyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.85 (at 23 °C (at pH >6.09-<6.74)	LC50 - Fish [1]		
Linalyl acetato (115-95-7) LC50 - Fish [1] 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability Not established. Persistence and degradability Not established. benzyl benzoate (120-51-4) Persistence and degradability Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Not established. benzyl benzoate (120-51-4) Persistence and degradability Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Persition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) tetrahydro-2-isobutyl-4-methylpyran-4-oi, mixed isomers (cis and trans) (63500-71-0) Partition coefficient n-octanol/water (Log Pow) 1.95 (at 23 °C (at pH >6.09-6.74) benzyl alcohol (100-51-6) Partition coefficient n-octanol/water (Log Pow) 1.05 Vanillin (121-33-5) Partition coefficient n-octanol/water (Log Pow) 1.23 (at 22 °C) Partition coefficient n-octanol/water (Log	LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	
LC50 - Fish [1] 11 mgR (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) 12.2. Persistence and degradability HAPPY TAILS #F23-3296 Persistence and degradability Not established. berzyl benzoate (120-51-4) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bloaccumulative potential HAPPY TAILS #F23-3296 Bioaccumulative potential Bioaccumulative potential Not established. berzyl benzoate (120-51-4) Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Persitience and degradability Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.86 (at 20 °C (at pH 7) tetrahydro-2-isobutyl-4-methylpyran-4-oi, mixed isomers (cis and trans) (63500-71-0) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.95 (at 23 °C (at pH >6.09-6.74) berzyl alcohol (100-51-6) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octan	NOEC (acute)	10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])	
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Partition coefficient n-octanol/water (Log Pow) 2.17 (at 22 °C) Rose oxide (16409-43-1) 2.17 (at 22 °C)	Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)	
Rose oxide (16409-43-1)	Methyl anthranilate (134-20-3)		
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Partition coefficient n-octanol/water (Log Pow)3.3 (at 23 °C (at pH 6.5)	Rose oxide (16409-43-1)		
	Partition coefficient n-octanol/water (Log Pow)	3.3 (at 23 °C (at pH 6.5)	

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12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Disposal methods	
Product/Packaging disposal recommendations Additional information Ecology - waste materials	 Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations. Handle empty containers with care because residual vapours are flammable. Avoid release to the environment. Hazardous waste due to toxicity.
SECTION 14: Transport information	
14.1. UN number	
Not regulated for transport	
44.0 UN mener objection name	

14.2. ON proper shipping name		
Proper Shipping Name (DOT)	: Not applicable	
14.3. Transport hazard class(es)		
DOT Transport hazard class(es) (DOT)	: Not applicable	
14.4. Packing group		
Packing group (DOT)	: Not applicable	
14.5. Environmental hazards		
Other information	: No supplementary information available.	
14.6. Special precautions for user		
DOT No data available		

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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15.2. International regulations

CANADA

benzyl benzoate (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

Lavandin abrialis oil (8022-15-9)

Listed on the Canadian DSL (Domestic Substances List)

Phenylethyl alcohol (60-12-8)

Listed on the Canadian DSL (Domestic Substances List)

Linalool (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

Orange oil (8008-57-9)

Listed on the Canadian DSL (Domestic Substances List)

tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)

Listed on the Canadian DSL (Domestic Substances List)

benzyl alcohol (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

Rosemary Oil (8000-25-7)

Listed on the Canadian DSL (Domestic Substances List)

Vanillin (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

Linalyl acetate (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

Methyl anthranilate (134-20-3)

Listed on the Canadian DSL (Domestic Substances List)

Sandela (66068-84-6)

Listed on the Canadian DSL (Domestic Substances List)

Rose oxide (16409-43-1)

Listed on the Canadian DSL (Domestic Substances List)

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EU-Regulations

benzyl benzoate (120-51-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Phenylethyl alcohol (60-12-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Linalool (78-70-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

benzyl alcohol (100-51-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Vanillin (121-33-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Linalyl acetate (115-95-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Methyl anthranilate (134-20-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Sandela (66068-84-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Rose oxide (16409-43-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

benzyl benzoate (120-51-4)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

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Lavandin abrialis oil (8022-15-9)

- Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

- Listed on the NCI (Vietnam National Chemical Inventory)
- Listed on Thailand Existing Chemicals Inventory (DIW)

Phenylethyl alcohol (60-12-8)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory) Listed on Thailand Existing Chemicals Inventory (DIW)

Linalool (78-70-6)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on the Japanese ISHL (Industrial Safety and Health Law)
- Listed on INSQ (Mexican National Inventory of Chemical Substances)
- Listed on the TCSI (Taiwan Chemical Substance Inventory)
- Listed on the NCI (Vietnam National Chemical Inventory)
- Listed on Thailand Existing Chemicals Inventory (DIW)

Orange oil (8008-57-9)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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benzyl alcohol (100-51-6)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

Rosemary Oil (8000-25-7)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

Vanillin (121-33-5)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

Linalyl acetate (115-95-7)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

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Methyl anthranilate (134-20-3)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

Sandela (66068-84-6)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

Rose oxide (16409-43-1)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on Turkish inventory of chemical

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Benzyl acetate(140-11-4)	U.S New Jersey - Right to Know Hazardous Substance List
benzyl alcohol(100-51-6)	U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
Ethyl acetoacetate(141-97-9)	U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
1,2-Propanediol(57-55-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

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SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Other information : None.

Full text of H-statements		
H226	Flammable liquid and vapour.	
H227	Combustible liquid	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H361	Suspected of damaging fertility or the unborn child.	
H371	May cause damage to organs.	
H402	Harmful to aquatic life	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.	
NFPA fire hazard	: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.	
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.	

FCF_SDS US _MACHINE_GENERATED

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 is 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