

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## WILD STRAWBERRY

Version 9

Revision Date 09.03.2018

Print Date 23.08.2019

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier:** WILD STRAWBERRY

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Mixture : Fragrance  
Fragrance mix

**1.3 Details of the supplier of the safety data sheet**

Candle Supply Pty Ltd  
Unit 3 8-9 Lagana Place  
Wetherill Park, NSW 2164  
ABN: 70612899626

Phone Number: 02 8741 4000  
e-mail: [customerservice@candlesupply.com.au](mailto:customerservice@candlesupply.com.au)

**1.4 Emergency telephone number**

13 11 26

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Chronic aquatic toxicity, Category 2	H411

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :



Signal word : Warning

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Hazard statements	: H317 H351 H411	May cause an allergic skin reaction. Suspected of causing cancer. Toxic to aquatic life with long lasting effects.
Precautionary statements	: <b>Prevention:</b> P201 P273 P280  <b>Response:</b> P302 + P352 P308 + P313  P333 + P313	Obtain special instructions before use. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention.
Contains	: 4'-TERT-BUTYL-2',6'-DIMETHYL-3',5'-DINITROACETOPHENONE, ETHYL 2,3-EPOXY-3-PHENYLBUTYRATE.	

### 2.3 Other hazards

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

No data available

### 3.2 Mixtures

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Ethyl 2,3-epoxy-3-phenylbutyrate	77-83-8 201-061-8	Aquatic Chronic: 2; H411 Skin Sens.: 1B; H317	>= 10 - < 20
Vanillin	121-33-5 204-465-2 01-2119516040-60	Eye Irrit.: 2; H319	>= 1 - < 5
4'-tert-Butyl-2',6'-dimethyl-3',5'-dinitroacetophenone	81-14-1 201-328-9	Carc.: 2; H351 Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410	>= 1 - < 5
2-Ethyl-3-hydroxy-4-pyrone	4940-11-8 225-582-5	Acute Tox.: 4 (Oral); H302	>= 1 - < 5
Undecan-4-olide	104-67-6 203-225-4 01-2119959333-34 01-2119959333-34 01-2119959333-34	Aquatic Chronic: 3; H412	>= 1 - < 5

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(R)-p-Mentha-1,8-diene	5989-27-5 227-813-5	Asp. Tox.: 1; H304 Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400 Skin Sens.: 1B; H317 Skin Irrit.: 2; H315 Flam. Liq.: 3; H226	>= 0,1 - < 1
Methyl oct-2-ynoate	111-12-6 203-836-6	Acute Tox.: 4 (Oral); H302 Skin Sens.: 1A; H317	>= 0,1 - < 1

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

- General advice : Move out of dangerous area.  
Never give anything by mouth to an unconscious person.
- Inhalation : Move to fresh air.
- Skin contact : Take off all contaminated clothing immediately.  
If symptoms persist, call a physician.
- Eye contact : Immediately flush eye(s) with plenty of water.
- Ingestion : Prevent vomiting if possible.  
If a person vomits when lying on his back, place him in the recovery position.  
Never give anything by mouth to an unconscious person.

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

No data available

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

No data available

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : High volume water jet

**5.2 Special hazards arising from the substance or mixture**

- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.  
Do not allow run-off from fire fighting to enter drains or water courses.

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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Further information : In the event of fire and/or explosion do not breathe fumes.  
Use water spray to cool unopened containers.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.  
Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Should not be released into the environment.  
Avoid subsoil penetration.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Dam up.  
Wipe up with absorbent material (e.g. cloth, fleece).

Additional advice : Local authorities should be advised if significant spillages cannot be contained.  
Suppress (knock down) gases/vapours/mists with a water spray jet.

#### 6.4 Reference to other sections

For personal protection see section 8.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Advice on safe handling : Dispose of rinse water in accordance with local and national regulations.  
For personal protection see section 8.

Advice on protection against fire and explosion : When using do not smoke.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.  
Keep container tightly closed in a dry and well-ventilated place.  
To maintain product quality, do not store in heat or direct sunlight.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage : No special restrictions on storage with other products.

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Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Fragrance

Fragrance mix

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters, Germany:

Components	CAS-No.	Control parameters	Update	Basis
(R)-p-Mentha-1,8-diene	5989-27-5	AGW 5 ppm	04 2013	TRGS 900

#### Components with workplace control parameters, Spain:

Components	CAS-No.	Control parameters	Update	Basis
Benzyl acetate	140-11-4	VLA-ED 10 ppm	2012	VLA (ES)

#### Components with workplace control parameters, Poland:

Components	CAS-No.	Control parameters	Update	Basis
Bis(2-ethylhexyl) adipate	103-23-1	NDS 400 mg/m <sup>3</sup>	12 2011	POL MAC

### 8.2 Exposure controls

#### Engineering measures

none

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : Wear chemicals-resistant gloves, e.g. safety gloves of chloroprene Level 2 or of butyl rubber Level 6.
- Eye protection : Safety glasses
- Skin and body protection : Lightweight protective clothing
- Hygiene measures : Wash hands before breaks and immediately after handling the product.
- Protective measures : When using, do not eat, drink or smoke.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

##### Appearance

Form	:	liquid
Colour	:	light yellow to brown
Odour	:	characteristic
Odour Threshold	:	No data available

##### Safety data

Flash point	:	98 °C
Water solubility	:	immiscible
Relative density	:	0,9544 - 0,9744 at 20 °C relation to density of water at 20°C
Bulk density	:	
Relative vapour density	:	not determined
Vapour pressure	:	< 1 kPa at 50 °C calculated
Melting point/freezing point	:	not determined
Boiling point	:	not determined
Partition coefficient: n- octanol/water	:	log Pow: Not applicable
pH	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Auto-ignition temperature	:	The substance or mixture is not classified as self heating.
Decomposition temperature	:	No data available
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Explosive properties	:	Due to its structural properties, the product is not classified as explosive
Lower explosion limit	:	Vapours may form explosive mixtures with air.
Upper explosion limit	:	Vapours may form explosive mixtures with air.

A final assessment of potential explosion hazards can only be made on a case-by-case basis when precise information is available on product handling, production setup and the circumstances surrounding the use of the product.

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### 9.2 Other data

None.

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity** : No data available
- 10.2 Chemical stability** : No data available
- 10.3 Possibility of hazardous reactions** : No dangerous reaction known under conditions of normal use.
- 10.4 Conditions to avoid** : No data available
- 10.5 Incompatible materials to avoid** : No data available
- 10.6 Hazardous decomposition products** : No data available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- Acute oral toxicity : Acute toxicity estimate : > 2.000 mg/kg, Calculation method
- Acute inhalation toxicity : No data available
- Acute dermal toxicity : No data available
- Repeated dose toxicity : No data available
- Acute toxicity (other routes of administration) : No data available
- Skin irritation : No data available
- Eye irritation : No data available
- Sensitisation : No data available
- Mutagenicity : No data available
- Carcinogenicity : No data available
- Reproductive toxicity : No data available
- Teratogenicity : No data available
- Specific target organ toxicity - single exposure : No data available
- Specific target organ toxicity - repeated exposure : No data available
- Aspiration toxicity : No data available

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### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

No data available

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 12.6 Other adverse effects

Toxic to aquatic life with long lasting effects.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Product : Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

ADR : 3082  
RID : 3082  
IMDG : 3082  
IATA-DGR : 3082

#### 14.2 Proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL 2,3-EPOXY-3-PHENYLBUTYRATE)  
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL 2,3-EPOXY-3-PHENYLBUTYRATE)  
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL 2,3-EPOXY-3-PHENYLBUTYRATE,2,6-DIMETHYL-3,5-DINITRO-4-TER.-BUTYLACETOPHENONE) MP  
IATA-DGR : Environmentally hazardous substance, liquid, n.o.s. (ETHYL 2,3-EPOXY-3-PHENYLBUTYRATE)



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### 14.3 Transport hazard class

ADR : 9  
RID : 9  
IMDG : 9  
IATA-DGR : 9

### 14.4 Packing group

ADR:  
Packaging group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (-)

RID:  
Packaging group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

IMDG:  
Packaging group : III  
Labels : 9  
EmS - EmS : F-A, S-F

IATA-DGR:  
Packing instruction (cargo aircraft) : 964  
Qty/Pkg (Cargo) : 450,00 L  
Packing instruction (passenger aircraft) : 964  
Qty/Pkg (Passenger) : 450,00 L  
Packaging group : III  
Labels : 9MI

### 14.5 Environmental hazards

ADR:  
Environmentally hazardous : yes

RID:  
Environmentally hazardous : yes

IMDG:  
Marine pollutant : yes

IATA-DGR:  
Environmentally hazardous : yes

### 14.6 Special precautions for user

No data available

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

Not applicable

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### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National legislation

Risk classification according to BetrSichV (Germany) : Flash Point > 55 °C up to 100 °C, at 15 °C not miscible with water

Water contaminating class (Germany) : WGK 2 (water endangering)  
Calculation acc. Annex 4 to VwVwS

#### 15.2 Chemical safety assessment

No data available

### SECTION 16: OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3.:

H226	Flammable liquid and vapour.
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.
H351	Suspected of causing cancer.
H400	Very toxic 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.

#### Further information

*The data contained in this Safety Data Sheet is accurate to the best knowledge of Candle Supply Pty Ltd, applies to the product as supplied Candle Supply Pty Ltd, 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 Supply Pty Ltd, 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 [customerservice@candlesupply.com.au](mailto:customerservice@candlesupply.com.au)*