

## **BANANA FLAMBEE**

Version 3

Revision Date 06.11.2011

Print Date 06.03.2013

### **1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1 Product identifier**

Commercial Product Name : BANANA FLAMBEE

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

Use of the Substance/Mixture : Fragrance

#### **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**

In an emergency call: 13 11 26

### **2. HAZARDS IDENTIFICATION**

#### **2.1 Classification of the substance or mixture**

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

Eye irritation, Category 2	H319
Skin sensitization, Category 1	H317
Chronic aquatic toxicity, Category 2	H411

##### **Classification (67/548/EEC, 1999/45/EC)**

Xi; R43  
N; R51/53

#### **2.2 Label elements**

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

Hazard pictograms :



Signal word : Warning

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Hazard statements : H317  
H319  
H411  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P273  
P280  
Avoid release to the environment.  
Wear protective gloves/ eye protection/ face protection.

**Response:**  
P302 + P352  
IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313  
If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313  
If eye irritation persists: Get medical advice/ attention.

### Labelling (67/548/EEC, 1999/45/EC)

Symbol(s) : Xi  
N  
Irritant  
Dangerous for the environment

R-phrase(s) : R43  
R51/53  
May cause sensitization by skin contact.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S24  
S37  
S57  
S60  
Avoid contact with skin.  
Wear suitable gloves.  
Use appropriate container to avoid environmental contamination.  
This material and its container must be disposed of as hazardous waste.

### 2.3 Other hazards

no data available

## 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 (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Undecan-4-olide	104-67-6 203-225-4	N R51/53	not hazardous	>= 10 - < 20
2-Benzylideneheptanal	122-40-7 204-541-5	N; Xi R43 R51/53	Aquatic Chronic: 2; H411 Skin Sens.: 1; H317	>= 10 - < 20
Diethyl malonate	105-53-3 203-305-9	Xi R36	Eye Irrit.: 2; H319	>= 10 - < 20

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cis-2-tert-Butylcyclohexyl acetate	20298-69-5 243-718-1	N R51/53	Aquatic Chronic: 2; H411	>= 5 - < 10
Tetrahydro-3-pentyl-2H-pyran-4-yl acetate	18871-14-2 242-640-5	R52/53	Aquatic Chronic: 3; H412	>= 5 - < 10
Linalool	78-70-6 201-134-4	Xi R38	Skin Irrit.: 2; H315	>= 5 - < 10
3-Methylbutyl isovalerate	659-70-1 211-536-1	N R51/53	Aquatic Chronic: 2; H411	>= 1 - < 5
3a,4,5,6,7,7a-Hexahydro-4,7-methanoinden-6-yl acetate	5413-60-5 226-501-6	R52/53	Aquatic Chronic: 3; H412	>= 1 - < 5
Cinnamaldehyde	104-55-2 203-213-9	Xn R21 R38 R43	Skin Sens.: 1; H317 Eye Irrit.: 2; H319 Skin Irrit.: 2; H315 Acute Tox.: 4 (Dermal); H312	>= 1 - < 5
Isopentyl acetate	123-92-2 204-662-3	R10 R66	Flam. Liq.: 3; H226	>= 1 - < 5
3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0 17511-60-3 272-805-7 241-514-7	N R51/53	Aquatic Chronic: 2; H411	>= 1 - < 5
.alpha.,.alpha.-Dimethylphenethyl butyrate	10094-34-5 233-221-8	N R51/53	Aquatic Chronic: 2; H411	>= 1 - < 5
Benzyl benzoate	120-51-4 204-402-9	Xn; N R22 R51/53	Acute Tox.: 4 (Oral); H302 Aquatic Chronic: 2; H411	>= 1 - < 5
Ethyl 2,3-epoxy-3-phenylbutyrate	77-83-8 201-061-8	R52/53	Aquatic Chronic: 3; H412	>= 1 - < 5
Eugenol	97-53-0 202-589-1	Xi R36 R43	Skin Sens.: 1; H317 Eye Irrit.: 2; H319	>= 1 - < 5
Citral	5392-40-5 226-394-6	Xi R38 R43	Skin Sens.: 1; H317 Skin Irrit.: 2; H315	>= 1 - < 5
2-Ethyl-3-hydroxy-4-pyrone	4940-11-8 225-582-5	Xn R22	Acute Tox.: 4 (Oral); H302	>= 1 - < 5
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	57378-68-4 260-709-8 01-2119535122-53	Xn; N R22 R38 R43 R50/53	Acute Tox.: 4 (Oral); H302 Skin Sens.: 1; H317 Skin Irrit.: 2; H315 Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410	>= 0,1 - < 1
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	Xi R36/38 R43 R52/53	Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 Skin Sens.: 1; H317 Aquatic Chronic: 3; H412	>= 0,1 - < 1
Methyl oct-2-ynoate	111-12-6 203-836-6	Xn R22 R43	Skin Sens.: 1; H317 Acute Tox.: 4 (Oral); H302	>= 0,1 - < 1

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

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### **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 skin irritation persists, call a physician.  
Wash off immediately with plenty of water for at least 15 minutes.
- Eye contact : Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.  
Remove contact lenses.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.  
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

### **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.
- 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.

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### **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).  
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.

### **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.

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

#### **7.3 Specific end uses**

Fragrance

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

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

Components	CAS-No.	Control parameters	Update	Basis
Isopentyl acetate	123-92-2	AGW 50 ppm	01 2006	TRGS 900

**Components with workplace control parameters, United Kingdom:**

Components	CAS-No.	Control parameters	Update	Basis
Isopentyl acetate	123-92-2	STEL 100 ppm	2005	EH40 WEL
		TWA 50 ppm	2005	EH40 WEL
		STEL 100 ppm	2002	EH40 OES
		TWA 50 ppm	2002	EH40 OES

**Components with workplace control parameters, France:**

Components	CAS-No.	Control parameters	Update	Basis
Isopentyl acetate	123-92-2	VLE 100 ppm	01 2008	INRS (FR)
		VME 50 ppm	01 2008	INRS (FR)

**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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

**Appearance**

- Form : liquid
- Colour : pale yellow to brown
- Odour : characteristic

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### Safety data

Flash point	: 75 °C
Water solubility	: no data available
Relative density	: 0,9585 - 0,9785 at 20 °C (relation to density of water at 20°C)
Vapour pressure	: 1 kPa at 50 °C (calculated)
Boiling point	: no data available
Melting point/freezing point	: no data available
Partition coefficient: n-octanol/water	: no data available
pH	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Ignition temperature	: no data available
Minimum ignition energy	: no data available
Autoignition temperature	: no data available
Oxidizing properties	: no data available
Lower explosion limit	: no data available
Upper explosion limit	: no data available
Conductivity	: no data available
Bulk density	: no data available
Solubility/qualitative	: no data available
Solubility in other solvents	: no data available
Impact Sensitivity	: no data available
Burning number	: no data available
Relative vapour density	: no data available

### 9.2 Other data

None.

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity** : no data available

**10.2 Chemical stability** : no data available

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- 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

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- Acute oral toxicity : Acute toxicity estimate : > 5000 mg/kg, Calculation method
- Acute inhalation toxicity : no data available
- Acute dermal toxicity : Acute toxicity estimate : > 5000 mg/kg, Calculation method
- 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

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

no data available



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### 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

no data available

### 12.6 Other adverse effects

Toxic to aquatic life with long lasting effects.

## 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.

## 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.  
(2-PENTYL-3-PHENYL-PROPENAL)  
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(2-PENTYL-3-PHENYL-PROPENAL)  
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. MP  
(2-PENTYL-3-PHENYL-PROPENAL,2-tert-BUTYLCYCLOHEXYL ACETATE)  
IATA-DGR : Environmentally hazardous substance, liquid, n.o.s.  
(2-PENTYL-3-PHENYL-PROPENAL)

### 14.3 Transport hazard class

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

### 14.4 Packing group

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### ADR:

Packaging group : III  
Classification Code : M6  
Hazard identification No : 90  
Labels : 9  
Tunnel restriction code : (E)

### RID:

Packaging group : III  
Classification Code : M6  
Hazard identification No : 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 (Passanger) : 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

### 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

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### 16. OTHER INFORMATION

#### Full text of R-phrases referred to under sections 2 and 3:

R10	Flammable.
R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R22	Also harmful if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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)*