

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

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

#### 1.1 Product identifier

Commercial Product Name : CARNATION

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

Use of the Substance/Mixture : Fragrance

no data available

#### 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 address : [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  
Xi; R36  
N; R51/53

#### 2.2 Label elements

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

Hazard pictograms :



Signal word : Warning

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006

**CARNATION**

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

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

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
P280 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 Irritant  
N Dangerous for the environment

R-phrases(s) : R36 Irritating to eyes.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s) : S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S57 Use appropriate container to avoid environmental contamination.  
S60 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 [%]
2-Phenylethanol	60-12-8 200-456-2	Xi R36	Eye Irrit.: 2; H319	>= 10 - < 20
Eugenol	97-53-0 202-589-1	Xi R36 R43	Skin Sens.: 1; H317 Eye Irrit.: 2; H319	>= 5 - < 10

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

Pentyl salicylate	2050-08-0 218-080-2	N R50/53	Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400	>= 5 - < 10
p-Menth-1-en-8-ol	98-55-5 202-680-6	Xi R38	Eye Irrit.: 2; H319 Skin Irrit.: 2; H315	>= 1 - < 5
2-Benzylideneheptanal	122-40-7 204-541-5	N; Xi R43 R51/53	Aquatic Chronic: 2; H411 Skin Sens.: 1; H317	>= 1 - < 5
Caryophyllene	87-44-5 201-746-1	Xn R65	Asp. Tox.: 1; H304	>= 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
Vanillin	121-33-5 204-465-2	Xi R43	Skin Sens.: 1; H317	>= 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.

## 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	: Protect unharmed eye. 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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

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.

## 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 : 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.

## 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.  
Avoid contact with skin and eyes.  
For personal protection see section 8.

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006

**CARNATION**

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

none

**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  
Remove and wash contaminated clothing before re-use.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
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 : colorless to yellow

Odour : characteristic

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

### Safety data

Flash point	:	> 100 °C
Water solubility	:	immiscible
Relative density	:	0,9515 - 0,9715 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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

- 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** : 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 : 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

### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

no data available

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

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

### 14.3 Transport hazard class

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

### 14.4 Packing group



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

### 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) : Exempt

Water contaminating class (Germany) : WGK 1 (slightly water endangering)  
Calculation acc. Annex 4 to VwVwS

#### 15.2 Chemical Safety Assessment

no data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## CARNATION

Version 3

Revision Date 31.10.2011

Print Date 27.02.2013

### 16. OTHER INFORMATION

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

R22	Harmful if swallowed.
R36	Irritating to eyes.
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.
R65	Harmful: may cause lung damage if swallowed.

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

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.
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.

#### 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)*