

CHAMPAGNE STRAWBERRY

Version 5

Revision Date 28.01.2013

Print Date 06.03.2013

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

1.1 Product identifier

Commercial Product Name : CHAMPAGNE STRAWBERRY

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

1.4 Emergency telephone number

In an emergency call: 13 11 26

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitization, Category 1 H317
Aspiration hazard, Category 1 H304
Chronic aquatic toxicity, Category 2 H411

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

Xn; R65, R22
Xi; R43
N; R51/53

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

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Hazard statements : H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P273 Avoid release to the environment.
P280 Wear protective gloves.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P331 Do NOT induce vomiting.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

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

Symbol(s) : Xn Harmful
N Dangerous for the environment

R-phrases(s) : R22 Harmful if swallowed.
R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.

S-phrases(s) : S24 Avoid contact with skin.
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.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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 (67/548/EEC) | Classification (REGULATION (EC) No 1272/2008) | Concentration [%] |
|---------------------------------------------------|------------------------------------------|--------------------------------|--------------------------------------------------------|----------------------|
| Benzyl benzoate | 120-51-4 204-402-9 | Xn; N R22 R51/53 | Acute Tox.: 4 (Oral); H302 Aquatic Chronic: 2; H411 | >= 25 - < 50 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 265-149-8 | Xn R65 | Asp. Tox.: 1; H304 | >= 10 - < 20 |

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| | | | | |
|--------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 4-tert-Butylcyclohexyl acetate | 32210-23-4 250-954-9 | N R51/53 | Aquatic Chronic: 2; H411 | >= 5 - < 10 |
| Alkanes, C11-15-iso- | 90622-58-5 68551-18-8 68551-20-2 292-460-6 271-367-4 271-370-0 | Xn R65 | Asp. Tox.: 1; H304 | >= 5 - < 10 |
| cis-2-tert-Butylcyclohexyl acetate | 20298-69-5 243-718-1 | N R51/53 | Aquatic Chronic: 2; H411 | >= 5 - < 10 |
| Caryophyllene | 87-44-5 201-746-1 | Xn R65 | Asp. Tox.: 1; H304 | >= 1 - < 5 |
| Linalyl acetate | 115-95-7 204-116-4 | Xi R38 | Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 | >= 1 - < 5 |
| Ethyl 2,3-epoxy-3-phenylbutyrate | 77-83-8 201-061-8 | R52/53 | Aquatic Chronic: 3; H412 | >= 1 - < 5 |
| Undecan-4-olide | 104-67-6 203-225-4 | N R51/53 | not hazardous | >= 1 - < 5 |
| 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one | 127-51-5 204-846-3 | Xi; N R43 R51/53 | Skin Sens.: 1; H317 Aquatic Chronic: 2; H411 | >= 1 - < 5 |
| 4-(4-Hydroxyphenyl)butan-2-one | 5471-51-2 226-806-4 | Xn R22 | Acute Tox.: 4 (Oral); H302 | >= 1 - < 5 |
| Pin-2(10)-ene | 127-91-3 204-872-5 | Xn R10 R38 R43 R65 | Skin Irrit.: 2; H315 Flam. Liq.: 3; H226 Skin Sens.: 1; H317 Asp. Tox.: 1; H304 | >= 1 - < 5 |
| .alpha.,.alpha.-Dimethylphenethyl butyrate | 10094-34-5 233-221-8 | N R51/53 | Aquatic Chronic: 2; H411 | >= 1 - < 5 |
| (R)-p-Mentha-1,8-diene | 5989-27-5 227-813-5 | Xi; N R10 R38 R43 R50/53 | Asp. Tox.: 1; H304 Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400 Flam. Liq.: 3; H226 Skin Irrit.: 2; H315 Skin Sens.: 1; H317 | >= 0,1 - < 1 |
| Citronellol | 106-22-9 203-375-0 01-2119453995-23 | Xi; N R38 R43 R51/53 | Skin Irrit.: 2; H315 Skin Sens.: 1; H317 Eye Irrit.: 2; H319 | >= 0,1 - < 1 |
| 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde | 68039-49-6 268-264-1 | Xi R36/38 R43 R52/53 | Aquatic Chronic: 3; H412 Skin Sens.: 1; H317 Eye Irrit.: 2; H319 Skin Irrit.: 2; H315 | >= 0,1 - < 1 |
| [R-(E)]-1-(2,6,6-Triethyl-2-cyclohexen-1-yl)pent-1-en-3-one | 127-42-4 204-842-1 | Xi; N R43 R51/53 | Aquatic Chronic: 2; H411 Skin Sens.: 1; H317 Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |
| Geranyl acetate | 105-87-3 203-341-5 | N R51/53 | Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |

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|-------------------------------------------------------------------|---------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one ¹⁾ | 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 |
| 3-p-Cumenyl-2-methylpropionaldehyde | 103-95-7 203-161-7 | N; Xi R38 R51/53 R43 | Aquatic Chronic: 2; H411 Skin Sens.: 1; H317 Skin Irrit.: 2; H315 | >= 0,1 - < 1 |
| 3-Methylbutyl isovalerate | 659-70-1 211-536-1 | N R51/53 | Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |
| 1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one | 127-43-5 204-843-7 | Xi; N R43 R51/53 | Skin Sens.: 1; H317 Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |
| 3-Methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one | 79-89-0 201-231-1 | Xi; N R43 R51/53 | Aquatic Chronic: 2; H411 Skin Sens.: 1; H317 | >= 0,1 - < 1 |
| 2,2,5-Trimethyl-5-pentylcyclopentan-1-one | 65443-14-3 265-779-3 | N R51/53 | Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |
| Allyl hexanoate | 123-68-2 204-642-4 | Xn; N R21/22 R38 R51/53 | Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 Acute Tox.: 3 (Oral); H301 Acute Tox.: 3 (Dermal); H311 | >= 0,1 - < 1 |
| 1,4-Dioxacycloheptadecane-5,17-dione | 105-95-3 203-347-8 | N R51/53 | Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |
| 4-(4-Methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde | 37677-14-8 253-617-4 | N R51/53 | Aquatic Chronic: 2; H411 | >= 0,1 - < 1 |
| Benzyl cinnamate | 103-41-3 203-109-3 | Xi; N R43 R51/53 | Aquatic Chronic: 2; H411 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.

Acute aquatic toxicity: ¹⁾ 0,1 < L(E)C50 <= 1 mg/l

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.
Wash off immediately with soap and plenty of water.
- Eye contact : Immediately flush eye(s) with plenty of water.

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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.
If accidentally swallowed obtain immediate medical attention.

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.

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.

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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.

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.

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

7.3 Specific end use(s)

Fragrance

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters, Germany:

| Components | CAS-No. | Control parameters | Update | Basis |
|------------------------|----------------------------------------|---------------------------|---------|----------|
| Alkanes, C11-15-iso- | 90622-58-5 68551-18-8 68551-20-2 | AGW 600 mg/m ³ | 07 2009 | TRGS 900 |
| (R)-p-Mentha-1,8-diene | 5989-27-5 | AGW 20 ppm | 07 2009 | TRGS 900 |

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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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

- Colour : pale yellow to yellow
- Odour : characteristic

Safety data

- Flash point : 84 °C
- Water solubility : no data available
- Relative density : 0,9540 - 0,9740 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
- Auto-ignition temperature : no data available

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| | | |
|------------------------------|---|-------------------|
| 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 vapor density | : | no data available |

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 : 4.047,8 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 |

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| | | |
|-------------------------------------------------------|---|-------------------|
| 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 |

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

no data available

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

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IMDG : 3082
IATA-DGR : 3082

14.2 Proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. MP (BENZYL BENZOATE, LIMONENE)
IATA-DGR : Environmentally hazardous substance, liquid, n.o.s. (BENZYL BENZOATE)

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 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 (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

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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 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 R-phrases referred to under sections 2 and 3:

| | |
|--------|--------------------------------------------------------------------------------------------------|
| R10 | Flammable. |
| R21/22 | Harmful in contact with skin and if swallowed. |
| R22 | Harmful if swallowed. |
| 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. |
| R65 | Harmful: may cause lung damage if swallowed. |

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

| | |
|------|-------------------------------------------------------|
| H226 | Flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic 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