

**LYCHEE PEONY**

Version 5

Revision Date 25.05.2018

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

**1.1 Product identifier**

Commercial Product Name : LYCHEE PEONY

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

Use of the Substance/Mixture : 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

**SECTION 2: HAZARDS IDENTIFICATION**



**2.1 Classification of the substance or mixture**

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

Skin irritation, Category 2	H315
Eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Chronic aquatic toxicity, Category 2	H411

**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

## 657646 LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

Hazard statements : H315 Causes skin irritation.  
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/protective clothing/eye protection/face protection.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of 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.

Contains : **CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)-, 3,7-DIMETHYLOCTAN-3-OL, NEROL, 3,7-DIMETHYL-6-OCTEN-1-OL.**

### 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 [%]
Terpineol, acetate	8007-35-0 232-357-5 01-2119977127-29	Aquatic Chronic: 2; H411	>= 5 - < 10
3,7-Dimethyloctan-3-ol	78-69-3 201-133-9 01-2119454788-21	Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 Skin Sens.: 1B; H317	>= 5 - < 10
1,4-Dioxacycloheptadecane-5,17-dione	105-95-3 203-347-8 01-2119976314-33	not hazardous	>= 1 - < 5
2-Methyl-1-phenylpropan-2-ol	100-86-7 202-896-0	Acute Tox.: 4 (Oral); H302	>= 1 - < 5
3,7-Dimethylnona-1,6-dien-3-ol	10339-55-6 233-732-6 01-2119969272-32	Skin Irrit.: 2; H315 Eye Irrit.: 2; H319	>= 1 - < 5
Nerol	106-25-2 203-378-7	Skin Sens.: 1B; H317 Skin Irrit.: 2; H315 Eye Dam.: 1; H318	>= 1 - < 5

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

Undecan-4-olide	104-67-6 203-225-4 01-2119959333-34 01-2119959333-34 01-2119959333-34	Aquatic Chronic: 3; H412	>= 1 - < 5
Citronellol	106-22-9 203-375-0 01-2119453995-23	Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 Skin Sens.: 1B; H317	>= 1 - < 5
cis-2-tert-Butylcyclohexyl acetate	20298-69-5 88-41-5 243-718-1 201-828-7	Aquatic Chronic: 2; H411	>= 1 - < 5
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	106185-75-5 28219-61-6 248-908-8 01-2119529224-45	Eye Irrit.: 2; H319 Aquatic Chronic: 2; H411	>= 1 - < 5
$\alpha$ -Methylcyclohexanepropanol	10528-67-3 234-091-5 01-2120206996-47-0000	Skin Irrit.: 2; H315 Eye Irrit.: 2; H319	>= 1 - < 5
(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	>= 1 - < 5
4-tert-Butylcyclohexyl acetate	32210-23-4 250-954-9 01-2119976286-24-0006 01-2119976286-24-0001	Skin Sens.: 1; H317	>= 1 - < 5
Allyl hexanoate <sup>1)</sup>	123-68-2 204-642-4 01-2119983573-26-0000	Acute Tox.: 3 (Inhalation); H331 Acute Tox.: 3 (Oral); H301 Acute Tox.: 3 (Dermal); H311 Aquatic Acute: 1; H400 Aquatic Chronic: 3; H412	>= 1 - < 5
$\alpha$ -Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0 214-881-6	Skin Sens.: 1B; H317 Aquatic Chronic: 2; H411	>= 0,1 - < 1
GLOBANONE® <sup>1)</sup>	3100-36-5 401-700-2 01-0000015154-78-0001	Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410 M-Factor: 1	>= 0,1 - < 1
Citronellyl acetate	150-84-5 205-775-0 01-2119959860-27-0001	Skin Irrit.: 2; H315 Aquatic Chronic: 2; H411	>= 0,1 - < 1
GLOBALIDE® <sup>1)</sup>	34902-57-3 111879-80-2 422-320-3 01-0000016883-62-0000	Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410	>= 0,1 - < 1
(E)-4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	79-77-6 201-224-3	Aquatic Chronic: 2; H411	>= 0,1 - < 1
Geraniol	106-24-1 203-377-1	Skin Irrit.: 2; H315 Eye Dam.: 1; H318 Skin Sens.: 1B; H317	>= 0,1 - < 1
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	Skin Irrit.: 2; H315 Aquatic Chronic: 2; H411 Skin Sens.: 1B; H317	>= 0,1 - < 1

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

**LYCHEE PEONY**

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

Decanal	112-31-2 203-957-4	Eye Irrit.: 2; H319 Aquatic Chronic: 3; H412	>= 0,1 - < 1
Diphenyl ether <sup>1)</sup>	101-84-8 202-981-2 01-2119472545-33 01-2119472545-33	Eye Irrit.: 2; H319 Aquatic Acute: 1; H400 Aquatic Chronic: 3; H412 M-Factor: 1	>= 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
1-(2,6,6-Trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	23696-85-7 245-833-2 01-2120105798-49	Skin Sens.: 1A; H317 Aquatic Chronic: 2; H411 Skin Irrit.: 2; H315	>= 0,025 - < 0,1

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

Acute aquatic toxicity: <sup>1)</sup> 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 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

**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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

### 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.for

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 and explosion : When using do not smoke.fire

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

### 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 mix

**LYCHEE PEONY**

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

**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
Diphenyl ether	101-84-8	AGW 1 ppm TWA 1 ppm STEL 2 ppm	09 2013 02 2017 02 2017	TRGS 900 EU ELV(DE) EU ELV(DE)

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

Components	CAS-No.	Control parameters	Update	Basis
Diethyl phthalate	84-66-2	TWA 5 mg/m3 STEL 10 mg/m3	12 2011 12 2011	EH40 WEL EH40 WEL
Diphenyl ether	101-84-8	TWA 1 ppm STEL 2 ppm TWA 1 ppm	02 2017 02 2017 12 2011	EU ELV(GB) EU ELV(GB) EH40 WEL

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

Components	CAS-No.	Control parameters	Update	Basis
Diethyl phthalate	84-66-2	VLA-ED 5 mg/m3	2012	VLA (ES)
Diphenyl ether	101-84-8	VLA-ED 1 ppm VLA-EC 2 ppm TWA 1 ppm STEL 2 ppm	2012 2012 02 2017 02 2017	VLA (ES) VLA (ES) EU ELV(ES) EU ELV(ES)

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

Components	CAS-No.	Control parameters	Update	Basis
Diethyl phthalate	84-66-2	VME 5 mg/m3	07 2012	INRS (FR)
Diphenyl ether	101-84-8	VME 1 ppm TWA 1 ppm STEL 2 ppm	07 2012 02 2017 02 2017	INRS (FR) EU ELV(FR) EU ELV(FR)

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

Components	CAS-No.	Control parameters	Update	Basis
Diphenyl ether	101-84-8	TWA 1 ppm STEL 2 ppm	02 2017 02 2017	EU ELV(AT) EU ELV(AT)

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

Components	CAS-No.	Control parameters	Update	Basis
Diphenyl ether	101-84-8	NDS 7 mg/m3 NDSch 14 mg/m3 TWA 1 ppm STEL 2 ppm	12 2011 12 2011 02 2017 02 2017	POL MAC POL MAC EU ELV(PL) EU ELV(PL)

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

### 8.2 Exposure controls

#### Engineering measures

none

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.  
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 : Wash hands before breaks and immediately after handling the product.
- Protective measures : Avoid contact with skin.  
When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Appearance

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

#### Safety data

- Flash point : 95 °C
- Water solubility : immiscible
- Relative density : 0,9761 - 0,9961 at  
20 °C relation to density of water at 4°C
- Bulk density : Not applicable
- Relative vapour density : not determined
- Vapour pressure : < 1 kPa at 50 °C  
calculated
- Melting point/freezing point :  
not determined
- Boiling point : not determined



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

**LYCHEE PEONY**

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

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.

**9.2 Other data**

None.

**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	:	No data available
<b>10.2 Chemical stability</b>	:	No data available
<b>10.3 Possibility of hazardous reactions</b>	:	No dangerous reaction known under conditions of normal use.
<b>10.4 Conditions to avoid</b>	:	No data available
<b>10.5 Incompatible materials to avoid</b>	:	No data available
<b>10.6 Hazardous decomposition products</b>	:	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	:	Acute toxicity estimate : > 20 mg/l , 4 h, Calculation method
Acute dermal toxicity	:	Acute toxicity estimate : > 2.000 mg/kg, Calculation method
Repeated dose toxicity	:	No data available
Acute toxicity (other routes administration)	:	No data available
Skin irritation	:	No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

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

### 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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

### 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.  
(TERPINYL ACETATE)  
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(TERPINYL ACETATE)  
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(TERPINYL ACETATE,2-ETHYL-4-(2,2,3-TRIMETHYL-3-CYCLOPENTEN-1-  
YL)-2-BUTEN-1-OL)MP  
IATA-DGR : Environmentally hazardous substance, liquid, n.o.s. (TERPINYL  
ACETATE)

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

#### 14.5 Environmental hazards

ADR:  
Environmentally hazardous : yes

RID:  
Environmentally hazardous : yes

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

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

## 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 : WGK 2 (water endangering) (Germany)  
Calculation acc. Annex 4 to VwVWS

TA Luft List (Germany) : Type: Organic Substances  
portion Class 1: 0,51 %

### 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.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## LYCHEE PEONY

Version 5

Revision Date 25.05.2018

Print Date 20.12.2018

### 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)*