

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 25.07.2014

Version number 1

Revision: 25.07.2014

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Candle Lalique Peuplier
- **Article number:** MP250913LA7
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Air freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Lalique Parfums SA  
Bühlstrasse 1  
CH - 8125 Zollikerberg
- 
- **E-Mail of competent person:** ulrich.boenig@clc-boenig.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** +41 43 499 45 00

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Skin Sens. 1      H317 May cause an allergic skin reaction.

Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one  
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one  
pin-2(3)-ene  
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene
- **Hazard statements**  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P101      If medical advice is needed, have product container or label at hand.  
P102      Keep out of reach of children.

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**Trade name: Candle Laliue Peuplier**

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P273 Avoid release to the environment.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P501 Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.

· **2.3 Other hazards**· **Results of PBT and vPvB assessment**· **PBT:**

The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.

· **vPvB:**

The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

**SECTION 3: Composition/information on ingredients**· **3.2 Chemical characterization: Mixtures**· **Description:** Candle based on paraffin waxes with perfume.· **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 33704-61-9 EINECS: 251-649-3	1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one ☒ Xi R36/38; ☒ Xi R43; ☒ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	1-<5%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 80-56-8 EINECS: 201-291-9	pin-2(3)-ene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43 R10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 13466-78-9 EINECS: 236-719-3	3,7,7-trimethylbicyclo[4.1.0]hept-3-ene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43 R10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: REACH: 01-2119529223-47-	(R)-p-mentha-1,8-diene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43; ☒ N R50/53 R10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 68039-49-6 EINECS: 268-264-1	2,4-dimethylcyclohex-3-ene-1-carbaldehyde ☒ Xi R36/38; ☒ Xi R43 R52/53 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	0.1-<1%

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**Trade name: Candle Laliue Peuplier**

CAS: 469-61-4 EINECS: 207-418-4	alpha cedrene [M-factor=10] Xn R65; N R50/53 Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	(Contd. of page 2) 0.1-<1%
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· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Fresh air. If pain persists, get medical attention.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Generally the product does not irritate the skin.
- **After eye contact:**  
Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.

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- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
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· **DNELs**

#### 33704-61-9 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one

Oral	DNEL (population)	0.25 mg/kg bw/day (long-term - systemic effects)
Dermal	DNEL (population)	0.25 mg/kg bw/day (long-term - systemic effects)
	DNEL (worker)	0.42 mg/kg bw/day (long-term - systemic effects)
Inhalative	DNEL (population)	0.44 mg/m <sup>3</sup> (long-term - systemic effects)
	DNEL (worker)	1.47 mg/m <sup>3</sup> (long-term - systemic effects)

#### 5989-27-5 (R)-p-mentha-1,8-diene

Oral	DNEL (population)	4.76 mg/kg bw/day (long-term - systemic effects)
	DNEL (worker)	4.76 mg/kg bw/day (long-term - systemic effects)
Dermal	DNEL (population)	0.111 mg/kg bw/day (Acute/short-term exposure-local effects)
	DNEL (worker)	0.222 mg/kg bw/day (Acute/short-term exposure-local effects)
Inhalative	DNEL (population)	8.33 mg/m <sup>3</sup> (long-term - systemic effects)
	DNEL (worker)	33.3 mg/m <sup>3</sup> (long-term - systemic effects)

· **PNECs**

#### 5989-27-5 (R)-p-mentha-1,8-diene

PNEC STP	1.8 mg/l (STP)
PNEC aqua	0.0054 mg/l (freshwater)
	0.00054 mg/l (marine water)
PNEC oral	3.33 mg/kg (oral)
PNEC sediment	1.32 mg/kg dw (freshwater)
	0.13 mg/kg dw (marine water)
PNEC soil	0.262 mg/kg dw (soil)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Observe the usual precautionary measures for handling chemicals.

· **Respiratory protection:** Not required.

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**· Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves according EN 374.

**· Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:** Not required.

**· Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	Colourless
<b>· Odour:</b>	Characteristic
<b>· Odour threshold:</b>	Not determined.

**· pH-value:** Not applicable.

**· Change in condition**

<b>Melting point/Melting range:</b>	~ 55 °C
<b>Boiling point/Boiling range:</b>	> 300 °C

**· Flash point:** Not applicable.

**· Flammability (solid, gaseous):** Not determined.

**· Ignition temperature:**

**Decomposition temperature:** Not determined.

**· Self-igniting:** Product is not selfigniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**· Vapour pressure:** Not applicable.

<b>· Density at 20 °C:</b>	~ 0.9 g/cm <sup>3</sup>
<b>· Relative density</b>	Not determined.
<b>· Vapour density</b>	Not applicable.
<b>· Evaporation rate</b>	Not applicable.

**· Solubility in / Miscibility with water:** Insoluble.

**· Partition coefficient (n-octanol/water):** Not determined.

**· Viscosity:**

**Dynamic:** Not determined.

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<b>Kinematic:</b>	Not determined.
<b>· Solvent content:</b>	
<b>Organic solvents:</b>	0 %
<b>· 9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reaction with strong oxidizing agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· <b>LD/LC50 values relevant for classification:</b>		
<b>8002-74-2 Paraffin waxes and Hydrocarbon waxes</b>		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)
<b>33704-61-9 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one</b>		
Oral	LD50	2901 mg/kg (rat) (OECD 401)
<b>54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</b>		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rat)
Inhalative	LC50/4 h	> 100 mg/l (rat)
<b>13466-78-9 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene</b>		
Oral	LD50	4800 mg/kg (rat)
<b>5989-27-5 (R)-p-mentha-1,8-diene</b>		
Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)
<b>68039-49-6 2,4-dimethylcyclohex-3-ene-1-carbaldehyde</b>		
Oral	LD50	> 2000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

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### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**5989-27-5 (R)-p-mentha-1,8-diene**

EC50 150 mg/l (algae) (*Desmodesmus subspicatus*, OECD 201)

0.36 mg/l (*daphnia magna*) (OECD 202)

LC50 0.72 mg/l (fish) (*Pimephales promelas*, OECD 203)

· **12.2 Persistence and degradability**

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

· **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Smaller quantities can be disposed of with household waste.

Dispose of in accordance with all applicable local and national regulations.

· **European waste catalogue**

07 06 99 wastes not otherwise specified

· **Uncleaned packaging:**

· **Recommendation:**

Dispose of in accordance with all applicable local and national regulations.

Non contaminated packagings may be recycled.

### SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, ADN, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA** Void

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

· **14.4 Packing group**

· **ADR, IMDG, IATA** Void

· **14.5 Environmental hazards:**

· **Marine pollutant:** No

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- |   |                        |
|---|------------------------|
| · <b>14.6 Special precautions for user</b>  | <i>Not applicable.</i> |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | <i>Not applicable.</i> |
| · <b>UN "Model Regulation":</b>   | -                      |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
*No further relevant information available.*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant phrases**

- H226 *Flammable liquid and vapour.*
- 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.*
- H412 *Harmful to aquatic life with long lasting effects.*

- R10 *Flammable.*
- R36/38 *Irritating to eyes and skin.*
- R38 *Irritating to skin.*
- R43 *May cause sensitisation 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.*

- **Department issuing MSDS:**

*Chemisches Labor & Consulting - Dr. Ulrich Böinig  
Simonshöfchen 55, D-42327 Wuppertal  
Germany  
Tel.: +49-(0)202-7387557*

- **Contact:** *Mr. Boenig, PhD.*

- **Abbreviations and acronyms:**

*CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008  
REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.  
EC50: effective concentration, 50 percent  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent*

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*PBT: persistent, bioaccumulative, toxic**vPvB: very persistent, very bioaccumulative**Flam. Liq. 3: Flammable liquids, Hazard Category 3**Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2**Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2**Skin Sens. 1: Sensitisation - Skin, Hazard Category 1**Asp. Tox. 1: Aspiration hazard, Hazard Category 1**Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: *Candle Laliqie Cuir***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture** *Air freshener*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Laliqie Parfums SA*  
*Bühlstrasse 1*  
*CH - 8125 Zollikerberg*
- 
- **E-Mail of competent person:** *ulrich.boenig@clc-boenig.de*
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:** *+41 43 499 45 00*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*The product is not classified according to the CLP regulation.*
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** *Not applicable.*
- **Information concerning particular hazards for human and environment:**  
*The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Additional information:**  
*Contains 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde, pentadecan-15-olide, 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one. May produce an allergic reaction.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
*The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.*
- **vPvB:**  
*The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.*

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** *Candle based on paraffin waxes with perfume.*

- **Dangerous components:**

CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	60-<70%
EINECS: 232-315-6	substance with a Community workplace exposure limit	

- **Additional information:** *For the wording of the listed risk phrases refer to section 16.*

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### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Fresh air. If pain persists, get medical attention.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Generally the product does not irritate the skin.
- **After eye contact:**  
Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.

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- Store in a cool place.  
· **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
-----	---

- **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Observe the usual precautionary measures for handling chemicals.

· **Respiratory protection:** Not required.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves according EN 374.

· **Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

· **Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

**Form:** Solid

**Colour:** Colourless

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

**Melting point/Melting range:** ~ 55 °C

**Boiling point/Boiling range:** > 300 °C

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

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· <b>Ignition temperature:</b>	
· <b>Decomposition temperature:</b>	<i>Not determined.</i>
· <b>Self-igniting:</b>	<i>Product is not selfigniting.</i>
· <b>Danger of explosion:</b>	<i>Product does not present an explosion hazard.</i>
· <b>Explosion limits:</b>	
· <b>Lower:</b>	<i>Not determined.</i>
· <b>Upper:</b>	<i>Not determined.</i>
· <b>Vapour pressure:</b>	<i>Not applicable.</i>
· <b>Density at 20 °C:</b>	<i>~ 0.9 g/cm<sup>3</sup></i>
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapour density</b>	<i>Not applicable.</i>
· <b>Evaporation rate</b>	<i>Not applicable.</i>
· <b>Solubility in / Miscibility with water:</b>	<i>Insoluble.</i>
· <b>Partition coefficient (n-octanol/water):</b>	<i>Not determined.</i>
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	<i>Not determined.</i>
· <b>Kinematic:</b>	<i>Not determined.</i>
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	<i>0 %</i>
· <b>9.2 Other information</b>	<i>No further relevant information available.</i>

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **10.3 Possibility of hazardous reactions** *Reaction with strong oxidizing agents.*
- **10.4 Conditions to avoid** *No further relevant information available.*
- **10.5 Incompatible materials:** *No further relevant information available.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *Sensitization possible through skin contact.*
- **Repeated dose toxicity** *No further relevant information available.*
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
*No further relevant information available.*

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### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**  
The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.
- **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Smaller quantities can be disposed of with household waste.  
Dispose of in accordance with all applicable local and national regulations.

- **European waste catalogue**

07 06 99	wastes not otherwise specified
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- **Uncleaned packaging:**
- **Recommendation:**  
Dispose of in accordance with all applicable local and national regulations.  
Non contaminated packagings may be recycled.

### SECTION 14: Transport information

- |   |                    |
|---|--------------------|
| · <b>14.1 UN-Number</b>   |                    |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void               |
| · <b>14.2 UN proper shipping name</b>   |                    |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void               |
| · <b>14.3 Transport hazard class(es)</b>  |                    |
| · <b>ADR, ADN, IMDG, IATA</b>   |                    |
| · <b>Class</b>  | Void               |
| · <b>14.4 Packing group</b>   |                    |
| · <b>ADR, IMDG, IATA</b>  | Void               |
| · <b>14.5 Environmental hazards:</b>  |                    |
| · <b>Marine pollutant:</b>  | No                 |
| · <b>14.6 Special precautions for user</b>  | Not applicable.    |
| · <b>Danger code (Kemler):</b>  | -                  |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.    |
| · <b>Transport/Additional information:</b>  |                    |
| · <b>ADR</b>  |                    |
| · <b>Excepted quantities (EQ)</b>   | NOT SUBJECT TO ADR |

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· **UN "Model Regulation":**

-

### **SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing MSDS:**

*Chemisches Labor & Consulting - Dr. Ulrich Böinig  
Simonshöfchen 55, D-42327 Wuppertal  
Germany*

*Tel.: +49-(0)202-7387557*

- **Contact:** Mr. Boenig, PhD.

- **Abbreviations and acronyms:**

*CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008*

*REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.*

*EC50: effective concentration, 50 percent*

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: persistent, bioaccumulative, toxic*

*vPvB: very persistent, very bioaccumulative*

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### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name:** Candle Laliqe Figuier
- **Article number:** MP250913LA6
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Air freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Laliqe Parfums SA  
Bühlstrasse 1  
CH - 8125 Zollikerberg
- E-Mail of competent person: ulrich.boenig@clc-boenig.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** +41 43 499 45 00

### **SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
Contains coumarin, 3-p-cumenyl-2-methylpropionaldehyde. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.
- **vPvB:**  
The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

### **SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterization: Mixtures**
- **Description:** Candle based on paraffin waxes with perfume.

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· <b>Dangerous components:</b>		
CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 88-41-5 EINECS: 201-828-7	2-tert-butylcyclohexyl acetate N R51/53 Aquatic Chronic 2, H411	1-<2.5%
CAS: 32210-23-4 EINECS: 250-954-9	4-tert-butylcyclohexyl acetate N R51/53 Aquatic Chronic 2, H411	0.1-<1%
CAS: 91-64-5 EINECS: 202-086-7	coumarin Xn R22-48/22; Xi R43 STOT RE 2, H373; Acute Tox. 4, H302; Skin Sens. 1, H317	0.1-<1%
CAS: 103-95-7 EINECS: 203-161-7	3-p-cumenyl-2-methylpropionaldehyde Xi R38; Xi R43; N R51/53 Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 10094-34-5 EINECS: 233-221-8	$\alpha,\alpha$ -dimethylphenethyl butyrate N R51/53 Aquatic Chronic 2, H411	0.1-<1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **General information:** No special measures required.
- **After inhalation:** Fresh air. If pain persists, get medical attention.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Generally the product does not irritate the skin.
- **After eye contact:**  
Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Full water jet

#### · 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

#### · 5.3 Advice for firefighters

##### · **Protective equipment:**

Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.

##### · **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in dry conditions at 10 - 25 °C.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Observe the usual precautionary measures for handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Protective gloves according EN 374.
- **Material of gloves**  
Nitrile rubber, NBR  
Fluorocarbon rubber (Viton)  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

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· **Body protection:** *Light weight protective clothing*

### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

· <b>Form:</b>	<i>Solid</i>
· <b>Colour:</b>	<i>Colourless</i>
· <b>Odour:</b>	<i>Characteristic</i>
· <b>Odour threshold:</b>	<i>Not determined.</i>

· <b>pH-value:</b>	<i>Not applicable.</i>
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##### · Change in condition

· <b>Melting point/Melting range:</b>	<i>~ 55 °C</i>
· <b>Boiling point/Boiling range:</b>	<i>&gt; 300 °C</i>

· <b>Flash point:</b>	<i>Not applicable.</i>
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· <b>Flammability (solid, gaseous):</b>	<i>Not determined.</i>
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##### · Ignition temperature:

· <b>Decomposition temperature:</b>	<i>Not determined.</i>
-------------------------------------	------------------------

· <b>Self-igniting:</b>	<i>Product is not selfigniting.</i>
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· <b>Danger of explosion:</b>	<i>Product does not present an explosion hazard.</i>
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##### · Explosion limits:

· <b>Lower:</b>	<i>Not determined.</i>
· <b>Upper:</b>	<i>Not determined.</i>

· <b>Vapour pressure:</b>	<i>Not applicable.</i>
---------------------------	------------------------

· <b>Density at 20 °C:</b>	<i>~ 0.9 g/cm<sup>3</sup></i>
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapour density</b>	<i>Not applicable.</i>
· <b>Evaporation rate</b>	<i>Not applicable.</i>

· <b>Solubility in / Miscibility with water:</b>	<i>Insoluble.</i>
--	-------------------

· <b>Partition coefficient (n-octanol/water):</b>	<i>Not determined.</i>
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##### · Viscosity:

· <b>Dynamic:</b>	<i>Not determined.</i>
· <b>Kinematic:</b>	<i>Not determined.</i>

· <b>9.2 Other information</b>	<i>No further relevant information available.</i>
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### SECTION 10: Stability and reactivity

#### · 10.1 Reactivity

#### · 10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*

· **10.3 Possibility of hazardous reactions** *Reaction with strong oxidizing agents.*

· **10.4 Conditions to avoid** *No further relevant information available.*

· **10.5 Incompatible materials:** *No further relevant information available.*

· **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

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### SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

**88-41-5 2-tert-butylcyclohexyl acetate**

Oral	LD50	4600 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)

**32210-23-4 4-tert-butylcyclohexyl acetate**

Oral	LD50	5000 mg/kg (rat)
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**91-64-5 coumarin**

Oral	LD50	293 mg/kg (rat)
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**10094-34-5  $\alpha,\alpha$ -dimethylphenethyl butyrate**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** Sensitization possible through skin contact.

· **Repeated dose toxicity** No further relevant information available.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No further relevant information available.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability**

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

· **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Smaller quantities can be disposed of with household waste.

Dispose of in accordance with all applicable local and national regulations.

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· **European waste catalogue**

07 06 99 | wastes not otherwise specified

· **Uncleaned packaging:**· **Recommendation:**

Dispose of in accordance with all applicable local and national regulations.

Non contaminated packagings may be recycled.

**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, ADN, IMDG, IATA**

Void

· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA**

Void

· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class**

Void

· **14.4 Packing group**· **ADR, IMDG, IATA**

Void

· **14.5 Environmental hazards:**· **Marine pollutant:**

No

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex II of****MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**· **ADR**· **Excepted quantities (EQ)**

NOT SUBJECT TO ADR

· **UN "Model Regulation":**

-

**SECTION 15: Regulatory information**· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

· **15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.****SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

R22 Harmful if swallowed.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

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*R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

· **Department issuing MSDS:**

*Chemisches Labor & Consulting - Dr. Ulrich Böning  
 Simonshöfchen 55, D-42327 Wuppertal  
 Germany*

*Tel.: +49-(0)202-7387557*

· **Contact: Mr. Boenig, PhD.**

· **Abbreviations and acronyms:**

*CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008*

*REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.*

*EC50: effective concentration, 50 percent*

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: persistent, bioaccumulative, toxic*

*vPvB: very persistent, very bioaccumulative*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*

*STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2*

*Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2*

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Version number 1

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: *Candle Laliqe Gingembre***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture** *Air freshener*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Laliqe Parfums SA*  
*Bühlstrasse 1*  
*CH - 8125 Zollikerberg*
- **E-Mail of competent person:** *ulrich.boenig@clc-boenig.de*
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:** *+41 43 499 45 00*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.*
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
*R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- **Information concerning particular hazards for human and environment:**  
*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements**  
*H412 Harmful to aquatic life with long lasting effects.*
- **Precautionary statements**  
*P102 Keep out of reach of children.*  
*P273 Avoid release to the environment.*  
*P501 Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.*
- **Additional information:**  
*Contains (R)-p-mentha-1,8-diene, coumarin, 7-hydroxycitronellal. May produce an allergic reaction.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
*The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.*
- **vPvB:**  
*The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.*

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Trade name: *Candle Laliue Gingembre*

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### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterization: Mixtures**

· **Description:** Candle based on paraffin waxes with perfume.

· **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 11028-42-5	Cedrene ☒ Xn R65; ☒ N R50/53 ☒ Asp. Tox. 1, H304; ☒ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-<1%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: REACH: 01-2119529223-47-	(R)-p-mentha-1,8-diene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43; ☒ N R50/53 R10 ☒ Flam. Liq. 3, H226; ☒ Asp. Tox. 1, H304; ☒ Aquatic Chronic 1, H410; ☒ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 77-53-2 EINECS: 201-035-6	Cedrol ☒ N R51/53 ☒ Aquatic Chronic 2, H411	0.1-<1%
CAS: 91-64-5 EINECS: 202-086-7	coumarin ☒ Xn R22-48/22; ☒ Xi R43 ☒ STOT RE 2, H373; ☒ Acute Tox. 4, H302; Skin Sens. 1, H317	0.1-<1%
CAS: 107-75-5 EINECS: 203-518-7	7-hydroxycitronellal ☒ Xi R36; ☒ Xi R43 ☒ Eye Irrit. 2, H319; Skin Sens. 1, H317	0.1-<1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:** Fresh air. If pain persists, get medical attention.

· **After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Generally the product does not irritate the skin.

· **After eye contact:**

Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.

· **After swallowing:**

Rinse out mouth with water.

If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Full water jet

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

In case of fire, the following can be released:

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- Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL	Short-term value: 6 mg/m <sup>3</sup>
	Long-term value: 2 mg/m <sup>3</sup>

- **DNELs**

#### 5989-27-5 (R)-p-mentha-1,8-diene

Oral	DNEL (population)	4.76 mg/kg bw/day (long-term - systemic effects)
	DNEL (worker)	4.76 mg/kg bw/day (long-term - systemic effects)
Dermal	DNEL (population)	0.111 mg/kg bw/day (Acute/short-term exposure-local effects)
	DNEL (worker)	0.222 mg/kg bw/day (Acute/short-term exposure-local effects)
Inhalative	DNEL (population)	8.33 mg/m <sup>3</sup> (long-term - systemic effects)
	DNEL (worker)	33.3 mg/m <sup>3</sup> (long-term - systemic effects)

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· **PNECs****5989-27-5 (R)-p-mentha-1,8-diene**

<i>PNEC STP</i>	1.8 mg/l (STP)
<i>PNEC aqua</i>	0.0054 mg/l (freshwater) 0.00054 mg/l (marine water)
<i>PNEC oral</i>	3.33 mg/kg (oral)
<i>PNEC sediment</i>	1.32 mg/kg dw (freshwater) 0.13 mg/kg dw (marine water)
<i>PNEC soil</i>	0.262 mg/kg dw (soil)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Observe the usual precautionary measures for handling chemicals.

· **Respiratory protection:** Not required.· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves according EN 374.

· **Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.· **Body protection:** Light weight protective clothing**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

· **pH-value:** Not applicable.· **Change in condition**

<b>Melting point/Melting range:</b>	~ 55 °C
<b>Boiling point/Boiling range:</b>	> 300 °C

· **Flash point:** Not applicable.· **Flammability (solid, gaseous):** Not determined.· **Ignition temperature:****Decomposition temperature:** Not determined.

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· <b>Self-igniting:</b>	<i>Product is not selfigniting.</i>
· <b>Danger of explosion:</b>	<i>Product does not present an explosion hazard.</i>
· <b>Explosion limits:</b>	
<b>Lower:</b>	<i>Not determined.</i>
<b>Upper:</b>	<i>Not determined.</i>
· <b>Vapour pressure:</b>	<i>Not applicable.</i>
· <b>Density at 20 °C:</b>	<i>~ 0.9 g/cm<sup>3</sup></i>
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapour density</b>	<i>Not applicable.</i>
· <b>Evaporation rate</b>	<i>Not applicable.</i>
· <b>Solubility in / Miscibility with water:</b>	<i>Insoluble.</i>
· <b>Partition coefficient (n-octanol/water):</b>	<i>Not determined.</i>
· <b>Viscosity:</b>	
<b>Dynamic:</b>	<i>Not determined.</i>
<b>Kinematic:</b>	<i>Not determined.</i>
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	<i>0 %</i>
· <b>9.2 Other information</b>	<i>No further relevant information available.</i>

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **10.3 Possibility of hazardous reactions** *Reaction with strong oxidizing agents.*
- **10.4 Conditions to avoid** *No further relevant information available.*
- **10.5 Incompatible materials:** *No further relevant information available.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

**5989-27-5 (R)-p-mentha-1,8-diene**

Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

**91-64-5 coumarin**

Oral	LD50	293 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *Sensitization possible through skin contact.*

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- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

#### 5989-27-5 (R)-p-mentha-1,8-diene

EC50	150 mg/l (algae) ( <i>Desmodesmus subspicatus</i> , OECD 201)
	0.36 mg/l ( <i>daphnia magna</i> ) (OECD 202)
LC50	0.72 mg/l (fish) ( <i>Pimephales promelas</i> , OECD 203)

### 12.2 Persistence and degradability

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

### 12.3 Bioaccumulative potential

Bioaccumulation potentially possible.

### 12.4 Mobility in soil

No further relevant information available.

#### Additional ecological information:

· **General notes:** Do not allow product to reach ground water, water course or sewage system.

### 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 12.6 Other adverse effects

No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

Smaller quantities can be disposed of with household waste.

Dispose of in accordance with all applicable local and national regulations.

#### European waste catalogue

07 06 99	wastes not otherwise specified
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#### Uncleaned packaging:

#### Recommendation:

Dispose of in accordance with all applicable local and national regulations.

Non contaminated packagings may be recycled.

## SECTION 14: Transport information

### 14.1 UN-Number

· **ADR, ADN, IMDG, IATA** Void

### 14.2 UN proper shipping name

· **ADR, ADN, IMDG, IATA** Void

### 14.3 Transport hazard class(es)

· **ADR, ADN, IMDG, IATA**

· **Class** Void

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· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b> · <b>Danger code (Kemler):</b>	Not applicable. -
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Excepted quantities (EQ)</b>	NOT SUBJECT TO ADR
· <b>UN "Model Regulation":</b>	-

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
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.  
H373 May cause damage to organs through prolonged or repeated exposure.  
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.
- **R10 Flammable.**  
· **R22 Harmful if swallowed.**  
· **R36 Irritating to eyes.**  
· **R38 Irritating to skin.**  
· **R43 May cause sensitisation by skin contact.**  
· **R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.**  
· **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.**
- **Department issuing MSDS:**  
Chemisches Labor & Consulting - Dr. Ulrich Böning  
Simonshöfchen 55, D-42327 Wuppertal  
Germany  
Tel.: +49-(0)202-7387557
- **Contact:** Mr. Boenig, PhD.
- **Abbreviations and acronyms:**  
CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008

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*REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.*

*EC50: effective concentration, 50 percent*

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: persistent, bioaccumulative, toxic*

*vPvB: very persistent, very bioaccumulative*

*Flam. Liq. 3: Flammable liquids, Hazard Category 3*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2*

*Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*

*STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2*

*Asp. Tox. 1: Aspiration hazard, Hazard Category 1*

*Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1*

*Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2*

*Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

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Printing date 23.07.2014

Version number 1

Revision: 23.07.2014

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Candle Laliqne Nérolé
- **Article number:** MP250913LA4
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Air freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Laliqne Parfums SA  
Bühlstrasse 1  
CH - 8125 Zollikerberg
- 
- **E-Mail of competent person:** ulrich.boenig@clc-boenig.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** +41 43 499 45 00

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements**  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P102 Keep out of reach of children.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.
- **Additional information:**  
Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, benzyl salicylate, (R)-p-mentha-1,8-diene, citronellol, geraniol, 2-(4-tert-Butylbenzyl)propionaldehyde, hexahydro tetramethyl methano azulenyl ethanone. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.
- **vPvB:**  
The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

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**SECTION 3: Composition/information on ingredients**

· **3.2 Chemical characterization: Mixtures**

· **Description:** Candle based on paraffin waxes with perfume.

· **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 118-58-1 EINECS: 204-262-9	benzyl salicylate ☒ Xi R43; ☒ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1, H317	0.1-<1%
CAS: 1222-05-5 EINECS: 214-946-9	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran ☒ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-<1%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: REACH: 01-2119529223-47-	(R)-p-mentha-1,8-diene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43; ☒ N R50/53 R10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 105-95-3 EINECS: 203-347-8	1,4-dioxacycloheptadecane-5,17-dione ☒ N R51/53 ⚠ Aquatic Chronic 2, H411	0.1-<1%
CAS: 106-22-9 EINECS: 203-375-0	citronellol ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 106-24-1 EINECS: 203-377-1	geraniol ☒ Xi R38-41; ☒ Xi R43 ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 77-53-2 EINECS: 201-035-6	Cedrol ☒ N R51/53 ⚠ Aquatic Chronic 2, H411	0.1-<1%
CAS: 77-54-3 EINECS: 201-036-1	[3R-(3 $\alpha$ ,3 $\alpha$ ,6 $\alpha$ ,7 $\beta$ ,8 $\alpha$ )]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate ☒ N R51/53 ⚠ Aquatic Chronic 2, H411	0.1-<1%
CAS: 80-54-6 EINECS: 201-289-8	2-(4-tert-Butylbenzyl)propionaldehyde ☒ Xn R22-62; ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ⚠ Repr. 2, H361; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 32388-55-9 EINECS: 251-020-3	hexahydro tetramethyl methano azulenyl ethanone ☒ Xi R43; ☒ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1, H317	0.1-<1%

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**Trade name: Candle Laliqne Nérolí**

CAS: 65405-77-8  
EINECS: 265-745-8

(Z)-3-hexenyl salicylate

 N R50/53

 Aquatic Acute 1, H400; Aquatic Chronic 1, H410

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0.1-&lt;1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Fresh air. If pain persists, get medical attention.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Generally the product does not irritate the skin.
- **After eye contact:**  
Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
-----	---

· **DNELs**

#### 5989-27-5 (R)-p-mentha-1,8-diene

Oral	DNEL (population)	4.76 mg/kg bw/day (long-term - systemic effects)
	DNEL (worker)	4.76 mg/kg bw/day (long-term - systemic effects)
Dermal	DNEL (population)	0.111 mg/kg bw/day (Acute/short-term exposure-local effects)
	DNEL (worker)	0.222 mg/kg bw/day (Acute/short-term exposure-local effects)
Inhalative	DNEL (population)	8.33 mg/m <sup>3</sup> (long-term - systemic effects)
	DNEL (worker)	33.3 mg/m <sup>3</sup> (long-term - systemic effects)

· **PNECs**

#### 5989-27-5 (R)-p-mentha-1,8-diene

PNEC STP	1.8 mg/l (STP)
PNEC aqua	0.0054 mg/l (freshwater)
	0.00054 mg/l (marine water)
PNEC oral	3.33 mg/kg (oral)
PNEC sediment	1.32 mg/kg dw (freshwater)
	0.13 mg/kg dw (marine water)
PNEC soil	0.262 mg/kg dw (soil)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Observe the usual precautionary measures for handling chemicals.

· **Respiratory protection:** Not required.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves according EN 374.

· **Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

· **Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

· **Form:** Solid

· **Colour:** Colourless

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

· **Melting point/Melting range:** ~ 55 °C

· **Boiling point/Boiling range:** > 300 °C

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

· **Ignition temperature:**

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Vapour pressure:** Not applicable.

· **Density at 20 °C:** ~ 0.9 g/cm<sup>3</sup>

· **Relative density** Not determined.

· **Vapour density** Not applicable.

· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with water:**

Insoluble.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· **Dynamic:** Not determined.

· **Kinematic:** Not determined.

· **Solvent content:**

· **Organic solvents:** 0 %

· **9.2 Other information** No further relevant information available.

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### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reaction with strong oxidizing agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

Oral	LD50	> 5000 mg/kg (rat)
------	------	--------------------

Dermal	LD50	> 3000 mg/kg (rabbit)
--------	------	-----------------------

#### 54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Oral	LD50	> 5000 mg/kg (rat)
------	------	--------------------

Dermal	LD50	> 5000 mg/kg (rat)
--------	------	--------------------

Inhalative	LC50/4 h	> 100 mg/l (rat)
------------	----------	------------------

#### 5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	2000 mg/kg (rat)
------	------	------------------

Dermal	LD50	5000 mg/kg (rabbit)
--------	------	---------------------

#### 105-95-3 1,4-dioxacycloheptadecane-5,17-dione

Oral	LD50	>5000 mg/kg (rat)
------	------	-------------------

Dermal	LD50	> 5000 mg/kg (rabbit)
--------	------	-----------------------

#### 106-22-9 citronellol

Oral	LD50	3450 mg/kg (rat)
------	------	------------------

Dermal	LD50	2650 mg/kg (rabbit)
--------	------	---------------------

Inhalative	LC50/4 h	> 100 mg/l (rat)
------------	----------	------------------

#### 106-24-1 geraniol

Oral	LD50	4200 mg/kg (rat)
------	------	------------------

Dermal	LD50	>5000 mg/kg (rabbit)
--------	------	----------------------

Inhalative	LC50/4 h	> 100 mg/l (rat)
------------	----------	------------------

#### 65405-77-8 (Z)-3-hexenyl salicylate

Oral	LD50	5000 mg/kg (rat)
------	------	------------------

Dermal	LD50	>5000 mg/kg (rabbit)
--------	------	----------------------

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** Sensitization possible through skin contact.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

· **Repeated dose toxicity** No further relevant information available.

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- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

5989-27-5 (R)-*p-mentha-1,8-diene*EC50 150 mg/l (algae) (*Desmodesmus subspicatus*, OECD 201)0.36 mg/l (*daphnia magna*) (OECD 202)LC50 0.72 mg/l (fish) (*Pimephales promelas*, OECD 203)

#### · 12.2 Persistence and degradability

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

#### · 12.3 Bioaccumulative potential

Bioaccumulation potentially possible.

#### · 12.4 Mobility in soil

No further relevant information available.

#### · Additional ecological information:

##### · General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

#### · 12.5 Results of PBT and vPvB assessment

##### · PBT:

Not applicable.

##### · vPvB:

Not applicable.

#### · 12.6 Other adverse effects

No further relevant information available.

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

Smaller quantities can be disposed of with household waste.

Dispose of in accordance with all applicable local and national regulations.

##### · European waste catalogue

07 06 99 wastes not otherwise specified

##### · Uncleaned packaging:

##### · Recommendation:

Dispose of in accordance with all applicable local and national regulations.

Non contaminated packagings may be recycled.

### SECTION 14: Transport information

#### · 14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

#### · 14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

#### · 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

#### · 14.4 Packing group

ADR, IMDG, IATA

Void

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- |   |                    |
|---|--------------------|
| · <b>14.5 Environmental hazards:</b>  |                    |
| · <b>Marine pollutant:</b>  | No                 |
| · <b>14.6 Special precautions for user</b>  | Not applicable.    |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.    |
| · <b>Transport/Additional information:</b>  |                    |
| · <b>ADR</b>  |                    |
| · <b>Excepted quantities (EQ)</b>   | NOT SUBJECT TO ADR |
| · <b>UN "Model Regulation":</b>   | -                  |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

- 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.
- H318 Causes serious eye damage.
- H361 Suspected of damaging fertility or the unborn child.
- 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.
- R10 Flammable.
- R22 Harmful if swallowed.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation 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.
- R62 Possible risk of impaired fertility.
- R65 Harmful: may cause lung damage if swallowed.

- **Department issuing MSDS:**

Chemisches Labor & Consulting - Dr. Ulrich Böinig  
Simonshöfchen 55, D-42327 Wuppertal  
Germany  
Tel.: +49-(0)202-7387557

- **Contact:** Mr. Boenig, PhD.

- **Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008  
REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.  
EC50: effective concentration, 50 percent  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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*IMDG: International Maritime Code for Dangerous Goods*  
*IATA: International Air Transport Association*  
*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*  
*VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)*  
*EINECS: European Inventory of Existing Commercial Chemical Substances*  
*ELINCS: European List of Notified Chemical Substances*  
*CAS: Chemical Abstracts Service (division of the American Chemical Society)*  
*DNEL: Derived No-Effect Level (REACH)*  
*PNEC: Predicted No-Effect Concentration (REACH)*  
*LC50: Lethal concentration, 50 percent*  
*LD50: Lethal dose, 50 percent*  
*PBT: persistent, bioaccumulative, toxic*  
*vPvB: very persistent, very bioaccumulative*  
*Flam. Liq. 3: Flammable liquids, Hazard Category 3*  
*Acute Tox. 4: Acute toxicity, Hazard Category 4*  
*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*  
*Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1*  
*Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*  
*Repr. 2: Reproductive toxicity, Hazard Category 2*  
*Asp. Tox. 1: Aspiration hazard, Hazard Category 1*  
*Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1*  
*Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1*  
*Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2*  
*Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.07.2014

Version number 1

Revision: 08.07.2014

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Candle Lalique Rose
- **Article number:** MP250913LA8
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Air freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Lalique Parfums SA  
Bühlstrasse 1  
CH - 8125 Zollikerberg
  
- **E-Mail of competent person:** ulrich.boenig@clc-boenig.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** +41 43 499 45 00

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.

---

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

---

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
Contains citronellol. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.
- **vPvB:**  
The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Candle based on paraffin waxes with perfume.

· **Dangerous components:**

CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	65-<75%
EINECS: 232-315-6	substance with a Community workplace exposure limit	

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


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**Trade name: Candle Laliue Rose**

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CAS: 60-12-8 EINECS: 200-456-2	2-phenylethanol  Xn R22;  Xi R36  Acute Tox. 3, H311;  Acute Tox. 4, H302; Eye Irrit. 2, H319	1-<5%
CAS: 106-22-9 EINECS: 203-375-0	citronellol  Xi R38;  Xi R43;  N R51/53  Aquatic Chronic 2, H411;  Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 111879-80-2 ELINCS: 422-320-3	A mixture of: (E)-oxacyclohexadec-12-en-2-one (E)-oxacyclohexadec-13-en-2-one a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one  N R50/53  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-<0.25%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Fresh air. If pain persists, get medical attention.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Generally the product does not irritate the skin.
- **After eye contact:**  
Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
-----	---

- **DNELs** No DNEL values available.
- **PNECs** No PNEC values available.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Observe the usual precautionary measures for handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Protective gloves according EN 374.
- **Material of gloves**  
Nitrile rubber, NBR  
Fluorocarbon rubber (Viton)  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Light weight protective clothing

GB

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**Safety data sheet**  
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### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

· Form:	Solid
· Colour:	Colourless
· Odour:	Characteristic
· Odour threshold:	Not determined.

· pH-value: Not applicable.

##### · Change in condition

· Melting point/Melting range:	~ 55 °C
· Boiling point/Boiling range:	> 300 °C

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not determined.

##### · Ignition temperature:

· Decomposition temperature: Not determined.

· Self-igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

##### · Explosion limits:

· Lower:	Not determined.
· Upper:	Not determined.

· Vapour pressure: Not applicable.

· Density at 20 °C:	~ 0.9 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.

· Solubility in / Miscibility with water: Insoluble.

· Partition coefficient (n-octanol/water): Not determined.

##### · Viscosity:

· Dynamic:	Not determined.
· Kinematic:	Not determined.

##### · Solvent content:

· Organic solvents: 0 %

· 9.2 Other information: No further relevant information available.

### SECTION 10: Stability and reactivity

#### · 10.1 Reactivity

#### · 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions: Reaction with strong oxidizing agents.

· 10.4 Conditions to avoid: No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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### SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

**60-12-8 2-phenylethanol**

Oral	LD50	2540 mg/kg (Mou) 1790 mg/kg (rat)
Dermal	LD50	790 mg/kg (rabbit)

**106-22-9 citronellol**

Oral	LD50	3450 mg/kg (rat)
Dermal	LD50	2650 mg/kg (rabbit)
Inhalative	LC50/4 h	> 100 mg/l (rat)

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** May produce an allergic reaction.

· **Repeated dose toxicity** No further relevant information available.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No further relevant information available.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability**

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

· **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Smaller quantities can be disposed of with household waste.

Dispose of in accordance with all applicable local and national regulations.

· **European waste catalogue**

07 06 99	wastes not otherwise specified
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- **Uncleaned packaging:**
- **Recommendation:**  
Dispose of in accordance with all applicable local and national regulations.  
Non contaminated packagings may be recycled.

### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                                    | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void            |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | No              |
| · <b>14.6 Special precautions for user</b>  | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>       | Not applicable. |
| · <b>UN "Model Regulation":</b>   | -               |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H302 Harmful if swallowed.  
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.
- **R22** Harmful if swallowed.  
· **R36** Irritating to eyes.  
· **R38** Irritating to skin.  
· **R43** May cause sensitisation 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.

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· **Department issuing MSDS:**

Chemisches Labor & Consulting - Dr. Ulrich Böning  
Simonshöfchen 55, D-42327 Wuppertal  
Germany

Tel.: +49-(0)202-7387557

· **Contact: Mr. Boenig, PhD.**

· **Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008

REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.

EC50: effective concentration, 50 percent

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

Acute Tox. 4: Acute toxicity, Hazard Category 4

Acute Tox. 3: Acute toxicity, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: *Candle Laliqie Santal***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture** *Air freshener*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Laliqie Parfums SA*  
*Bühlstrasse 1*  
*CH - 8125 Zollikerberg*
- **E-Mail of competent person:** *ulrich.boenig@clc-boenig.de*
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:** *+41 43 499 45 00*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.*
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
*R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- **Information concerning particular hazards for human and environment:**  
*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements**  
*H412 Harmful to aquatic life with long lasting effects.*
- **Precautionary statements**  
*P102 Keep out of reach of children.*  
*P273 Avoid release to the environment.*  
*P501 Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.*
- **Additional information:**  
*Contains (R)-p-mentha-1,8-diene, 7-hydroxycitronellal, coumarin, citronellol. May produce an allergic reaction.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
*The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.*
- **vPvB:**  
*The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.*

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### SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterization: Mixtures

· **Description:** Candle based on paraffin waxes with perfume.

#### · **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 1222-05-5 EINECS: 214-946-9	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran ☠ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-<1%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: REACH: 01-2119529223-47-	(R)-p-mentha-1,8-diene ☠ Xn R65; ☠ Xi R38; ☠ Xi R43; ☠ N R50/53 R10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	0.1-<1%
CAS: 107-75-5 EINECS: 203-518-7	7-hydroxycitronellal ☠ Xi R36; ☠ Xi R43 ⚠ Eye Irrit. 2, H319; ⚠ Skin Sens. 1, H317	0.1-<1%
CAS: 28219-61-6 EINECS: 248-908-8	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol ☠ Xi R36; ☠ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Eye Irrit. 2, H319	0.1-<1%
CAS: 17283-81-7	4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butan-2-one ☠ N R51/53 ⚠ Aquatic Chronic 2, H411	0.1-<1%
CAS: 11028-42-5	Cedrene ☠ Xn R65; ☠ N R50/53 ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410	0.1-<1%
CAS: 106-22-9 EINECS: 203-375-0	citronellol ☠ Xi R38; ☠ Xi R43; ☠ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1, H317	0.1-<1%
CAS: 77-53-2 EINECS: 201-035-6	Cedrol ☠ N R51/53 ⚠ Aquatic Chronic 2, H411	0.1-<1%
CAS: 91-64-5 EINECS: 202-086-7	coumarin ☠ Xn R22-48/22; ☠ Xi R43 ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302; ⚠ Skin Sens. 1, H317	0.1-<1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

· **General information:** No special measures required.

· **After inhalation:** Fresh air. If pain persists, get medical attention.

#### · **After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Generally the product does not irritate the skin.

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- **After eye contact:**  
Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.

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**· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:****8002-74-2 Paraffin waxes and Hydrocarbon waxes**

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
-----	---

**· DNELs****5989-27-5 (R)-p-mentha-1,8-diene**

Oral	DNEL (population)	4.76 mg/kg bw/day (long-term - systemic effects)
	DNEL (worker)	4.76 mg/kg bw/day (long-term - systemic effects)
Dermal	DNEL (population)	0.111 mg/kg bw/day (Acute/short-term exposure-local effects)
	DNEL (worker)	0.222 mg/kg bw/day (Acute/short-term exposure-local effects)
Inhalative	DNEL (population)	8.33 mg/m <sup>3</sup> (long-term - systemic effects)
	DNEL (worker)	33.3 mg/m <sup>3</sup> (long-term - systemic effects)

**· PNECs****5989-27-5 (R)-p-mentha-1,8-diene**

PNEC STP	1.8 mg/l (STP)
PNEC aqua	0.0054 mg/l (freshwater)
	0.00054 mg/l (marine water)
PNEC oral	3.33 mg/kg (oral)
PNEC sediment	1.32 mg/kg dw (freshwater)
	0.13 mg/kg dw (marine water)
PNEC soil	0.262 mg/kg dw (soil)

**· Additional information:** The lists valid during the making were used as basis.

**· 8.2 Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:**

Observe the usual precautionary measures for handling chemicals.

**· Respiratory protection:** Not required.**· Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves according EN 374.

**· Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:** Not required.**· Body protection:** Light weight protective clothing

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### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

· <b>Form:</b>	Solid
· <b>Colour:</b>	Colourless
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not applicable.

##### · Change in condition

· <b>Melting point/Melting range:</b>	~ 55 °C
· <b>Boiling point/Boiling range:</b>	> 300 °C

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

##### · Ignition temperature:

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

##### · Explosion limits:

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Vapour pressure:** Not applicable.

· <b>Density at 20 °C:</b>	~ 0.9 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.

· **Solubility in / Miscibility with water:** Insoluble.

· **Partition coefficient (n-octanol/water):** Not determined.

##### · Viscosity:

· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.

##### · Solvent content:

· **Organic solvents:** 0 %

· **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

#### · 10.1 Reactivity

#### · 10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** Reaction with strong oxidizing agents.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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### SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

Oral	LD50	> 5000 mg/kg (rat)
------	------	--------------------

Dermal	LD50	> 3000 mg/kg (rabbit)
--------	------	-----------------------

**5989-27-5 (R)-p-mentha-1,8-diene**

Oral	LD50	2000 mg/kg (rat)
------	------	------------------

Dermal	LD50	5000 mg/kg (rabbit)
--------	------	---------------------

**17283-81-7 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butan-2-one**

Oral	LD50	> 5000 mg/kg (rat)
------	------	--------------------

**106-22-9 citronellol**

Oral	LD50	3450 mg/kg (rat)
------	------	------------------

Dermal	LD50	2650 mg/kg (rabbit)
--------	------	---------------------

Inhalative	LC50/4 h	> 100 mg/l (rat)
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**91-64-5 coumarin**

Oral	LD50	293 mg/kg (rat)
------	------	-----------------

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** Sensitization possible through skin contact.

· **Repeated dose toxicity** No further relevant information available.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No further relevant information available.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**5989-27-5 (R)-p-mentha-1,8-diene**

EC50	150 mg/l (algae) ( <i>Desmodesmus subspicatus</i> , OECD 201)
------	---

	0.36 mg/l ( <i>daphnia magna</i> ) (OECD 202)
--	---

LC50	0.72 mg/l (fish) ( <i>Pimephales promelas</i> , OECD 203)
------	---

· **12.2 Persistence and degradability**

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

· **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:** Do not allow product to reach ground water, water course or sewage system.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

*Smaller quantities can be disposed of with household waste.*

*Dispose of in accordance with all applicable local and national regulations.*

· **European waste catalogue**

07 06 99	wastes not otherwise specified
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· **Uncleaned packaging:**

· **Recommendation:**

*Dispose of in accordance with all applicable local and national regulations.*

*Non contaminated packagings may be recycled.*

### SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, ADN, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA** Void

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

· **14.4 Packing group**

· **ADR, IMDG, IATA** Void

· **14.5 Environmental hazards:**

· **Marine pollutant:** No

· **14.6 Special precautions for user**

Not applicable.

· **Danger code (Kemler):**

-

· **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Excepted quantities (EQ)** NOT SUBJECT TO ADR

· **UN "Model Regulation":**

-

### SECTION 15: Regulatory information

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

*No further relevant information available.*

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

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**Safety data sheet**  
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Printing date 18.07.2014

Version number 1

Revision: 18.07.2014

**Trade name: Candle Laliue Santal**

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- 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.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 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.
- R10 Flammable.  
 R22 Harmful if swallowed.  
 R36 Irritating to eyes.  
 R38 Irritating to skin.  
 R43 May cause sensitisation by skin contact.  
 R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
 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.

· **Department issuing MSDS:**

Chemisches Labor & Consulting - Dr. Ulrich Böinig  
 Simonshöfchen 55, D-42327 Wuppertal  
 Germany

Tel.: +49-(0)202-7387557

· **Contact: Mr. Boenig, PhD.**

· **Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008  
 REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.  
 EC50: effective concentration, 50 percent  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 Flam. Liq. 3: Flammable liquids, Hazard Category 3  
 Acute Tox. 4: Acute toxicity, Hazard Category 4  
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2  
 Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 18.07.2014

Version number 1

Revision: 18.07.2014

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: *Candle Laliqne Vanille***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture** *Air freshener*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Laliqne Parfums SA*  
*Bühlstrasse 1*  
*CH - 8125 Zollikerberg*
- 
- **E-Mail of competent person:** *ulrich.boenig@clc-boenig.de*
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:** *+41 43 499 45 00*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



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*Skin Sens. 1 H317 May cause an allergic skin reaction.*

*Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.*

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Sensitising

*R43: May cause sensitisation by skin contact.*

*R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

- **Information concerning particular hazards for human and environment:**

*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*

- **Classification system:**

*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

*The product is classified and labelled according to the CLP regulation.*

- **Hazard pictograms**



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- **Signal word** *Warning*

- **Hazard-determining components of labelling:**

*1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one*

- **Hazard statements**

*H317 May cause an allergic skin reaction.*

*H412 Harmful to aquatic life with long lasting effects.*

- **Precautionary statements**

*P101 If medical advice is needed, have product container or label at hand.*

*P102 Keep out of reach of children.*

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# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.07.2014

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**Trade name: Candle Laliqe Vanille**

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P273 Avoid release to the environment.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P501 Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:**

The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.

- **vPvB:**



















The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**

- **Description:** Candle based on paraffin waxes with perfume.

- **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one  Xi R38;  Xi R43;  N R51/53  Aquatic Chronic 2, H411;  Skin Irrit. 2, H315;  Skin Sens. 1, H317	0.1-<1%
CAS: 1222-05-5 EINECS: 214-946-9	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran  N R50/53  Aquatic Acute 1, H400;  Aquatic Chronic 1, H410	0.1-<1%
CAS: 105-95-3 EINECS: 203-347-8	1,4-dioxacycloheptadecane-5,17-dione  N R51/53  Aquatic Chronic 2, H411	0.1-<1%
CAS: 198404-98-7	Cyclopropanemethanol, 1-methyl-2-[(1,2,2-trimethylbicyclo[3.1.0]hex-3-yl)methyl]  N R50/53  Aquatic Chronic 1, H410	0.1-<1%
CAS: 117933-89-8 ELINCS: 413-720-9	2-(2,4-Dimethyl-3-cyclohexenyl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane  Xn R22-48;  N R50/53  STOT RE 2, H373;  Aquatic Acute 1, H400;  Aquatic Chronic 1, H410	0.1-<1%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:** No special measures required.

- **After inhalation:** Fresh air. If pain persists, get medical attention.

- **After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Generally the product does not irritate the skin.

- **After eye contact:**

Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.

- **After swallowing:**

Rinse out mouth with water.

If symptoms persist consult doctor.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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Trade name: *Candle Laliqve Vanille*

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
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**Trade name: Candle Lalique Vanille**

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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Observe the usual precautionary measures for handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Protective gloves according EN 374.
- **Material of gloves**  
Nitrile rubber, NBR  
Fluorocarbon rubber (Viton)  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
- **pH-value:** Not applicable.
- **Change in condition**

<b>Melting point/Melting range:</b>	~ 55 °C
<b>Boiling point/Boiling range:</b>	> 300 °C
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:**
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
- **Vapour pressure:** Not applicable.
- **Density at 20 °C:** ~ 0.9 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not applicable.

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Trade name: *Candle Laliqve Vanille*

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- |   |  |
|---|--|
| · <b>Evaporation rate</b>                         | Not applicable.                            |
| · <b>Solubility in / Miscibility with water:</b>  | Insoluble.                                 |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                            |
| · <b>Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not determined.                            |
| <b>Kinematic:</b>                                 | Not determined.                            |
| · <b>Solvent content:</b>                         |  |
| <b>Organic solvents:</b>                          | 0 %  |
| · <b>9.2 Other information</b>                    | No further relevant information available. |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reaction with strong oxidizing agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

#### 54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rat)
Inhalative	LC50/4 h	> 100 mg/l (rat)

#### 105-95-3 1,4-dioxacycloheptadecane-5,17-dione

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

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Trade name: *Candle Laliqve Vanille*

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### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**  
The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.
- **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Smaller quantities can be disposed of with household waste.  
Dispose of in accordance with all applicable local and national regulations.

- **European waste catalogue**

07 06 99	wastes not otherwise specified
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- **Uncleaned packaging:**
- **Recommendation:**  
Dispose of in accordance with all applicable local and national regulations.  
Non contaminated packagings may be recycled.

### SECTION 14: Transport information

- |   |                    |
|---|--------------------|
| · <b>14.1 UN-Number</b>   |                    |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void               |
| · <b>14.2 UN proper shipping name</b>   |                    |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void               |
| · <b>14.3 Transport hazard class(es)</b>  |                    |
| · <b>ADR, ADN, IMDG, IATA</b>   |                    |
| · <b>Class</b>  | Void               |
| · <b>14.4 Packing group</b>   |                    |
| · <b>ADR, IMDG, IATA</b>  | Void               |
| · <b>14.5 Environmental hazards:</b>  |                    |
| · <b>Marine pollutant:</b>  | No                 |
| · <b>14.6 Special precautions for user</b>  | Not applicable.    |
| · <b>Danger code (Kemler):</b>  | -                  |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.    |
| · <b>Transport/Additional information:</b>  |                    |
| · <b>ADR</b>  |                    |
| · <b>Excepted quantities (EQ)</b>   | NOT SUBJECT TO ADR |

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· UN "Model Regulation": -

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H373 May cause damage to organs through prolonged or repeated exposure.
- 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.
- R22 Harmful if swallowed.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R48 Danger of serious damage to health by prolonged exposure.
- 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.

· **Department issuing MSDS:**

Chemisches Labor & Consulting - Dr. Ulrich Böinig  
Simonshöfchen 55, D-42327 Wuppertal  
Germany  
Tel.: +49-(0)202-7387557

· **Contact: Mr. Boenig, PhD.**· **Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)  
REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.  
EC50: effective concentration, 50 percent  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 23.07.2014

Version number 1

Revision: 23.07.2014

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Candle Lalique Vetiver
- **Article number:** MP250913LA5
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Air freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Lalique Parfums SA  
Bühlstrasse 1  
CH - 8125 Zollikerberg
- 
- **E-Mail of competent person:** ulrich.boenig@clc-boenig.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** +41 43 499 45 00

### SECTION 2: Hazards identification

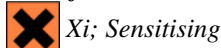
- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



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*Skin Sens. 1 H317 May cause an allergic skin reaction.*

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Sensitising

*R43: May cause sensitisation by skin contact.*

- **Information concerning particular hazards for human and environment:**  
*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms**



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- **Signal word** Warning
- **Hazard-determining components of labelling:**  
*1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one*  
Vetiverol
- **Hazard statements**  
*H317 May cause an allergic skin reaction.*
- **Precautionary statements**  
*P101 If medical advice is needed, have product container or label at hand.*  
*P102 Keep out of reach of children.*  
*P280 Wear protective gloves.*

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## Safety data sheet

### according to 1907/2006/EC, Article 31

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**Trade name: Candle Laliue Vetiver**

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P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P501 Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:**

The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.

· **vPvB:**

The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterization: Mixtures**

· **Description:** Candle based on paraffin waxes with perfume.

· **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	60-<70%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ☒ Aquatic Chronic 2, H411; ☒ Skin Irrit. 2, H315; Skin Sens. 1, H317	1-<2.5%
CAS: 68129-81-7 EINECS: 268-578-9	Vetiverol ☒ Xi R36/38; ☒ Xi R43 ☒ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0.1-<1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:** Fresh air. If pain persists, get medical attention.

· **After skin contact:**

After contact with the molten product, cool rapidly with cold water.  
Generally the product does not irritate the skin.

· **After eye contact:**

Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.

· **After swallowing:**

Rinse out mouth with water.  
If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Full water jet

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

In case of fire, the following can be released:

Carbon monoxide (CO)

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- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

<b>8002-74-2 Paraffin waxes and Hydrocarbon waxes</b>	
WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>

- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Observe the usual precautionary measures for handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Protective gloves according EN 374.
- **Material of gloves**  
Nitrile rubber, NBR

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Fluorocarbon rubber (Viton)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Not required.

- **Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

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

- **General Information**

- **Appearance:**

**Form:** Solid

**Colour:** Colourless

- **Odour:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

**Melting point/Melting range:** ~ 55 °C

**Boiling point/Boiling range:** > 300 °C

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not determined.

- **Ignition temperature:**

**Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

- **Vapour pressure:** Not applicable.

- **Density at 20 °C:** ~ 0,9 g/cm<sup>3</sup>

- **Relative density** Not determined.

- **Vapour density** Not applicable.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with water:**

Insoluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

**Dynamic:** Not determined.

**Kinematic:** Not determined.

- **Solvent content:**

**Organic solvents:** 0 %

- **9.2 Other information** No further relevant information available.

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### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reaction with strong oxidizing agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

#### 54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rat)
Inhalative	LC50/4 h	> 100 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** May produce an allergic reaction.
- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**  
The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.
- **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Smaller quantities can be disposed of with household waste.

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Dispose of in accordance with all applicable local and national regulations.

· **European waste catalogue**

07 06 99 wastes not otherwise specified

· **Uncleaned packaging:**· **Recommendation:**

Dispose of in accordance with all applicable local and national regulations.

Non contaminated packagings may be recycled.

**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, ADN, IMDG, IATA** Void· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA** Void· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class** Void· **14.4 Packing group**· **ADR, IMDG, IATA** Void· **14.5 Environmental hazards:**· **Marine pollutant:** No· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex II of****MARPOL73/78 and the IBC Code** Not applicable.· **Transport/Additional information:**· **ADR**· **Excepted quantities (EQ)** NOT SUBJECT TO ADR· **UN "Model Regulation":**

-

**SECTION 15: Regulatory information**· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

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.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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· **Department issuing MSDS:**

Chemisches Labor & Consulting - Dr. Ulrich Böinig  
Simonshöfchen 55, D-42327 Wuppertal  
Germany

Tel.: +49-(0)202-7387557

· **Contact: Mr. Boenig, PhD.**

· **Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008

REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.

EC50: effective concentration, 50 percent

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: *Candle Laliqye Yuzu***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Air freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Laliqye Parfums SA*  
*Bühlstrasse 1*  
*CH - 8125 Zollikerberg*
- 
- **E-Mail of competent person:** *ulrich.boenig@clc-boenig.de*
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:** *+41 43 499 45 00*

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

*Skin Sens. 1            H317 May cause an allergic skin reaction.*

*Aquatic Chronic 3   H412 Harmful to aquatic life with long lasting effects.*

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms**



GHS07

- **Signal word** *Warning*
- **Hazard-determining components of labelling:**  
*(R)-p-mentha-1,8-diene*
- **Hazard statements**  
*H317 May cause an allergic skin reaction.*  
*H412 Harmful to aquatic life with long lasting effects.*
- **Precautionary statements**  
*P101            If medical advice is needed, have product container or label at hand.*  
*P102            Keep out of reach of children.*  
*P273            Avoid release to the environment.*  
*P280            Wear protective gloves.*  
*P302+P352 IF ON SKIN: Wash with plenty of soap and water.*  
*P501            Dispose of contents/container to an authorised waste disposal contractor or licensed local authority disposal / landfill site.*

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· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:**

The product does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006.

· **vPvB:**

The product does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006.

### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterization: Mixtures**

· **Description:** Candle based on paraffin waxes with perfume.

· **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	65-<75%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: REACH: 01-2119529223-47-	(R)-p-mentha-1,8-diene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43; ☒ N R50/53 R10 ----- ☠ Flam. Liq. 3, H226; ☠ Asp. Tox. 1, H304; ☠ Aquatic Chronic 1, H410; ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317	1-<2.5%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ----- ☠ Aquatic Chronic 2, H411; ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 1222-05-5 EINECS: 214-946-9	1, 3, 4, 6, 7, 8 - h e x a h y d r o - 4, 6, 6, 7, 8, 8 - hexamethylindeno[5,6-c]pyran ☒ N R50/53 ----- ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-<0.5%
CAS: 5392-40-5 EINECS: 226-394-6	citral ☒ Xi R38; ☒ Xi R43 ----- ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<0.5%
CAS: 127-91-3 EINECS: 204-872-5	beta-Pinene ☒ Xn R65; ☒ Xi R38; ☒ Xi R43 R10 ----- ☠ Flam. Liq. 3, H226; ☠ Asp. Tox. 1, H304; ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<0.25%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:** Fresh air. If pain persists, get medical attention.

· **After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Generally the product does not irritate the skin.

· **After eye contact:**

Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.

· **After swallowing:**

Rinse out mouth with water.

If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Full water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**8002-74-2 Paraffin waxes and Hydrocarbon waxes**

WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
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**· DNELs****5989-27-5 (R)-p-mentha-1,8-diene**

Oral	DNEL (population)	4.76 mg/kg bw/day (long-term - systemic effects)
	DNEL (worker)	4.76 mg/kg bw/day (long-term - systemic effects)
Dermal	DNEL (population)	0.111 mg/kg bw/day (Acute/short-term exposure-local effects)
	DNEL (worker)	0.222 mg/kg bw/day (Acute/short-term exposure-local effects)
Inhalative	DNEL (population)	8.33 mg/m <sup>3</sup> (long-term - systemic effects)
	DNEL (worker)	33.3 mg/m <sup>3</sup> (long-term - systemic effects)

**· PNECs****5989-27-5 (R)-p-mentha-1,8-diene**

PNEC STP	1.8 mg/l (STP)
PNEC aqua	0.0054 mg/l (freshwater)
	0.00054 mg/l (marine water)
PNEC oral	3.33 mg/kg (oral)
PNEC sediment	1.32 mg/kg dw (freshwater)
	0.13 mg/kg dw (marine water)
PNEC soil	0.262 mg/kg dw (soil)

· **Additional information:** The lists valid during the making were used as basis.

**· 8.2 Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:**

Observe the usual precautionary measures for handling chemicals.

**· Respiratory protection:** Not required.**· Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves according EN 374.

**· Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:** Not required.**· Body protection:** Light weight protective clothing**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	Colourless
<b>· Odour:</b>	Characteristic
<b>· Odour threshold:</b>	Not determined.

**· pH-value:** Not applicable.

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· <b>Change in condition</b>	
Melting point/Melting range:	ca. 55 °C
Boiling point/Boiling range:	> 300 °C
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gaseous):</b>	Not determined.
· <b>Ignition temperature:</b>	
Decomposition temperature:	Not determined.
· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapour pressure:</b>	Not applicable.
· <b>Density at 20 °C:</b>	~ 0.9 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with water:</b>	Insoluble.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reaction with strong oxidizing agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)

#### 5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	2000 mg/kg (rat)
------	------	------------------

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Dermal	LD50	5000 mg/kg (rabbit)
<b>54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</b>		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rat)
Inhalative	LC50/4 h	> 100 mg/l (rat)
<b>5392-40-5 citral</b>		
Oral	LD50	4960 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat) 2250 mg/kg (rabbit)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritating effect.

- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

- **Repeated dose toxicity** No further relevant information available.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No further relevant information available.

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**5989-27-5 (R)-p-mentha-1,8-diene**

EC50 150 mg/l (algae) (*Desmodesmus subspicatus*, OECD 201)

0.36 mg/l (*daphnia magna*) (OECD 202)

LC50 0.72 mg/l (fish) (*Pimephales promelas*, OECD 203)

- **12.2 Persistence and degradability**

The product is heavily soluble in water. It can widely be eliminated from water by abiotic processes, e.g. mechanical separation.

- **12.3 Bioaccumulative potential** Bioaccumulation potentially possible.

- **12.4 Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Smaller quantities can be disposed of with household waste.

Dispose of in accordance with all applicable local and national regulations.

- **European waste catalogue**

07 06 99 wastes not otherwise specified

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**Safety data sheet**  
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- **Uncleaned packaging:**
- **Recommendation:**  
Dispose of in accordance with all applicable local and national regulations.  
Non contaminated packagings may be recycled.

### SECTION 14: Transport information

- |   |                      |
|---|----------------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                                    | Void                 |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void                 |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void                 |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void                 |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | No                   |
| · <b>14.6 Special precautions for user</b><br>· <b>Danger code (Kemler):</b>                | Not applicable.<br>- |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>       | Not applicable.      |
| · <b>UN "Model Regulation":</b>   | -                    |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant phrases**  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
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.
- R10 Flammable.  
R38 Irritating to skin.  
R43 May cause sensitisation 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.

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**· Department issuing MSDS:**

Chemisches Labor & Consulting - Dr. Ulrich Böning  
Simonshöfchen 55, D-42327 Wuppertal  
Germany

Tel.: +49-(0)202-7387557

**· Contact: Mr. Boenig, PhD.****· Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.

EC50: effective concentration, 50 percent

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

GB

# LALIQUE

PARFUMS

Zollikerberg, 16/04/2015  
Золликерберг, 16/04/2015

## DECLARATION OF CONFORMITY / DECLARATION DE CONFORMITE ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

La société Lalique Parfums SA certifie que les produits listés ci-dessous  
La société Lalique Parfums SA certifie que les produits listés ci-dessous  
Компания Lalique Parfums SA подтверждает, что следующий товар:

B10181	LQ Bougie/Candle 190 gr. VÉTIVER-BALI-INDONESIE
B20181	LQ Bougie/Candle 190 gr. VANILLE-ACAPULCO-MEXIQUE
B30181	LQ Bougie/Candle 190 gr. NÉROLI-CASABLANCA-MAROC
B40181	LQ Bougie/Candle 190 gr. FIGUIER-AMALFI-ITALIE
B50181	LQ Bougie/Candle 190 gr. GINGEMBRE-YUNNAN-CHINE
B60181	LQ Bougie/Candle 190 gr. SANTAL-GOA-INDE
B80181	LQ Bougie/Candle 190 gr. CUIR-MOSCOU-RUSSIE
B13181	LQ Bougie/Candle 190 gr. PEUPLIER-ASPEN-ÉTATS-UNIS
B70181	LQ Bougie/Candle 190 gr. ROSE-ANATOLIE-TURQUIE
B90181	LQ Bougie/Candle 190 gr. YUZU-SHIKOKU-JAPON
B11181	LQ Bougie/Candle 190 gr. PEONY-OLYMPE-GRÈCE

Comply with REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Son conformes au REGLEMENT (CE) No 1272/2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges.

Соответствует требованиям РЕГЛАМЕНТА (ЕС) No 1272/2008 по классификации, маркировке и упаковке химических веществ и смесей.

  
Rosemarie Abels  
Head of Purchasing & Production  
Директор по производству

**Lalique Parfums SA**  
Bühlstrasse 1  
8125 Zollikerberg

# LALIQUE


PARFUMS

## TECHNICAL FILE

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Name: *Generic paper bag*

:

REFERENCE / BAR CODE / -	PICTURE /	COUNTRY OF ORIGIN	MATERIEL /	DIMENSIONS /
Reference / G80012/4 Bar code / - 7 640 111 50 136 7		China /	Paper, pp and synthetic / , ,	L 300 x H 250 x D 150 mm

**Lalique Parfums SA**

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