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P273	Avoid release to the e	nvironment.	
P280	Wear protective glove	<i>'S</i> .	
P302+P35	2 IF ON SKIN: Wash w	ith plenty of soap and water.	
P501	Dispose of contents/	container to an authorised waste disposal contractor or lice	ensed loca
	authority disposal / la	ndfill site.	
2.3 Other l	hazards		
Results of	PBT and vPvB assessm	ent	
PBT:			
The produc	ct does not contain any l	PBT substance or does not fulfil criteria for PBT according to a	nnex XIII d
regulation	(EC) 1907/2006.		
vPvB:			
The produc	ct does not contain any	vPvB substance or does not fulfil criteria for vPvB according to	annex XI
	on (EC) 1907/2006.		
oj regulati	<i>(LC)</i> 1907/2000.		
SECTIO	N 3: Composition	ı/i	n/information on ingredients
Chemi	cal characterization: M	ixtures	
Description	n: Candle based on para	affin waxes with perfume.	
Dangerous	s components:		
CAS: 8002	-74-2	Paraffin waxes and Hydrocarbon waxes	
EINECS: 2	122 215 6		60-<70%
LINDCD. 2	-32-313-0	substance with a Community workplace exposure limit	60-<70%
			60-<70% 1-<5%
CAS: 3370	4-61-9	substance with a Community workplace exposure limit 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4- one	60-<70% 1-<5%
CAS: 3370	4-61-9	1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4- one	
	4-61-9	1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4- one X I R36/38; X I R43; N R51/53	
CAS: 3370	4-61-9	1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4- one	
CAS: 3370	14-61-9 251-649-3	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	
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 X IR 38; X IR 43; № NR51/53 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; X 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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CAS: 469-61-4	alpha cedrene [M-factor=10]	0.1-<1%
EINECS: 207-418-4	🗙 Xn R65; 🌇 N R50/53	
	🚸 Asp. Tox. 1, H304; 🕸 Aquatic Acute 1, H400;	
	Aquatic Chronic 1, H410	

• 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.
- $\cdot \textit{After inhalation: Fresh air. If pain persists, get medical attention.}$
- 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 symptons 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:
- CO2, 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 Cont	· 8.1 Control parameters				
· Ingredie	\cdot Ingredients with limit values that require monitoring at the workplace:				
8002-74	-2 Paraffin waxes and	Hydrocarbon waxes			
	L Short-term value: 6 mg/m ³ Long-term value: 2 mg/m ³				
	mg-term value. 2 mg/m				
$\cdot DNELs$					
33704-6	1-9 1,2,3,5,6,7-hexahy	dro-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)			
Inhalativ	ve DNEL (population)	0.44 mg/m ³ (long-term - systemic effects)			
	DNEL (worker)	1.47 mg/m ³ (long-term - systemic effects)			
5989-27	-5 (R)-p-mentha-1,8-d	iene			
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)			
Inhalativ	ve DNEL (population)	8.33 mg/m ³ (long-term - systemic effects)			
	DNEL (worker)	33.3 mg/m ³ (long-term - systemic effects)			
· PNECs					

· 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 a 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:	$\sim 0.9 \ g/cm^3$	
Relative density	Not determined.	
Vapour density	Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with		
water:	Insoluble.	
Partition coefficient (n-octanol/wat	er): Not determined.	
Viscosity:		
Dynamic:	Not determined.	

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Kinematic:

· Solvent content:

Not determined.

Organic solvents: • 9.2 Other information 0 % 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 rele	vant for classification:
8002-74-2	Paraffin w	vaxes and Hydrocarbon waxes
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)
33704-61-	9 1,2,3,5,6,	7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one
Oral	LD50	2901 mg/kg (rat) (OECD 401)
54464-57-2	2 1-(1,2,3,4	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)
13466-78-	9 3,7,7-trin	nethylbicyclo[4.1.0]hept-3-ene
Oral	LD50	4800 mg/kg (rat)
5989-27-5	(R)-p-men	tha-1,8-diene
Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)
68039-49-	6 2,4-dime	thylcyclohex-3-ene-1-carbaldehyde
Oral	LD50	> 2000 mg/kg (rat)
Primary ir		
on the skin		
on the eye:		
		zation possible through skin contact.
Repeated a	lose toxicit	ty No further relevant information available.
CMR effec	ets (carcino	ogenity, 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.

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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 \cdot 14.6 Special precautions for user

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

Not applicable.

Not applicable.

· 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.
- 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 Bönig 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 (Contd. of page 8)

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

· 1.1 Product identifier

· Trade name: Candle Lalique 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

 \cdot 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 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde, pentadecan-15-olide, 1,2,3,5,6,7hexahydro-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.

3.2 Chemical charac		
Description: Candle	based on paraffin waxes with perfume.	
Dangerous compone	ents:	
	Paraffin waxes and Hydrocarbon waxes	60-<70%
EINECS: 232-315-6	substance with a Community workplace exposure limit	

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SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: No special measures required.
- $\cdot \textit{After inhalation: Fresh air. If pain persists, get medical attention.}$
- 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 symptons 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
- \cdot Suitable extinguishing agents:
- CO2, 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/m³
 - Long-term value: 2 mg/m³

· 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

9.1 Information on basic physical a General Information	nd chemical properties	
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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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:	$\sim 0.9 \ g/cm^3$
Relative density	Not determined.
· Vapour density	Not applicable.
• Evaporation rate	Not applicable.
Solubility in / Miscibility with	
water:	Insoluble.
Partition coefficient (n-octanol/wa	ter): 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.

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

 $Oral \quad LD50 > 5000 \text{ mg/kg (rat)}$

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 (carcinogenity, 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

- · 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 Danger code (Kemler): 	Not applicable. -	
• 14.7 Transport in bulk according to Anno MARPOL73/78 and the IBC Code	ex II of Not applicable.	
· Transport/Additional information:		
• ADR • Excepted quantities (EQ)	NOT SUBJECT TO ADR	
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Trade name: Candle Lalique Cuir

· 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 Bönig 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 Lalique Figuier

• Article number: MP250913LA6

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

No further relevant information available.

 \cdot 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

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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Trade name: Candle Lalique Figuier

Dangerous compon		Contd. of page
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	0.1-<1%
CAS: 91-64-5 EINECS: 202-086-7	coumarin	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	a, α-dimethylphenethyl butyrate N R51/53 Aquatic Chronic 2, H411	0.1-<1%

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 symptons 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
- \cdot Suitable extinguishing agents:
- CO2, 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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Trade name: Candle Lalique Figuier

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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/m³

Long-term value: 2 mg/m³

· 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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Trade name: Candle Lalique Figuier

· Body protection: Light weight protective clothing

SECTION 9: Physical and ch		
9.1 Information on basic physical of	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:	$\sim 0.9 \ g/cm^3$	
· Relative density	Not determined.	
· Vapour density	Not applicable.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
water:	Insoluble.	
· Partition coefficient (n-octanol/wat	ter): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
• 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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Trade name: Candle Lalique Figuier

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SECTION 11: Toxicological information		
	11.1 Information on toxicological effects Acute toxicity:	
\cdot LD/LC5	0 value	es relevant for classification:
8002-74	-2 Pare	affin 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)
32210-2	3-4 4-t	ert-butylcyclohexyl acetate
Oral	LD50	5000 mg/kg (rat)
91-64-5	соита	rin
Oral	LD50	293 mg/kg (rat)
10094-3	4-5 a,a	a-dimethylphenethyl butyrate
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
· Primary	irritan	it 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 (carcinogenity, 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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Trade name: Candle Lalique Figuier

· 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	on	
· 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 MARPOL73/78 and the IBC Code	x II of 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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Trade name: Candle Lalique Figuier

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R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment	nent.
Department issuing MSDS:	
Chemisches Labor & Consulting - Dr. Ulrich Bönig	
Simonshöfchen 55, D-42327 Wuppertal	
•	
<i>Germany</i>	
<i>Tel.</i> : +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 2000 Registration, Evaluation, Authorisation and Restriction of Chemicals.	6 concerning the
EC50: effective concentration, 50 percent	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning Carriage of Dangerous Goods by Road)	the International
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 Shin Imit 2: Shin comparison limitation, Hazard Category 2	
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1	
Skin Sens. 1: Sensitisation - Skin, Hazara 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	
Aquant Chronic 2. Hazaraous to the aquant environment - Chronic Hazara, Calegory 2	

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

- · 1.1 Product identifier
- · Trade name: Candle Lalique 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
- \cdot 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

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 Lalique Gingembre

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Description: Candle based on paraffin Dangerous components:	waxes with perfume.	
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	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 ing of the listed risk phrases refer to section 16.	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 symptons 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:
- CO2, 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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Trade name: Candle Lalique Gingembre

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.
- \cdot 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

8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL Short-term value: 6 mg/m³ Long-term value: 2 mg/m³

•	DNE	Ls		
	5000	27	5	

5989-27-5	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 ³ (long-term - systemic effects)	
	DNEL (worker)	33.3 mg/m ³ (long-term - systemic effects)	
		(Contd. on page 4	

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

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Trade name: Candle Lalique Gingembre

	(Contd. of page 3)
· 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

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.	

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· 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:	$\sim 0.9 \ g/cm^3$	
· Relative density	Not determined.	
· Vapour density	Not applicable.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
water:	Insoluble.	
· Partition coefficient (n-octanol	l/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.
- \cdot 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	classificat	ion:
---	---------	--------	----------	-----	-------------	------

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)

• 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 (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.
- · 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	
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· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user · Danger code (Kemler):	Not applicable. -
· 14.7 Transport in bulk according to Annex II o MARPOL73/78 and the IBC Code	o f 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.
- 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 Bönig 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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(Contd. of page 7) 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 - 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: <u>Candle Lalique Néroli</u>

• Article number: MP250913LA4

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

No further relevant information available.

 \cdot 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

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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3.2 Chemical characterization: Mixtur Description: Candle based on paraffin		
Dangerous components:	waxes with perfunce.	
CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	60-<709
EINECS: 232-315-6	substance with a Community workplace exposure limit	00 (707
CAS: 54464-57-2	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-	0.1-<1%
EINECS: 259-174-3	naphthyl)ethan-1-one 🗙 Xi R38; 🗙 Xi R43; 🌄 N R51/53	
	Aquatic Chronic 2, H411; (1) Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 118-58-1	benzyl salicylate	0.1-<1%
EINECS: 204-262-9	🗙 Xi R43; 🌄 N R51/53	
	Aquatic Chronic 2, H411; 🚸 Skin Sens. 1, H317	
CAS: 1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-	0.1-<1%
EINECS: 214-946-9	<i>c]pyran</i>	/
	₩ N R50/53	
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 5989-27-5	(<i>R</i>)- <i>p</i> -mentha-1,8-diene	0.1-<1%
EINECS: 227-813-5	Xn R65; X Xi R38; Xi R43; ₂₀ N R50/53	/
Reg.nr.: REACH: 01-2119529223-47-	<i>R10</i>	
· · · · · ·	🚸 Flam. Liq. 3, H226; 🚸 Asp. Tox. 1, H304;	
	Aquatic Chronic 1, H410; (1) Skin Irrit. 2, H315;	
	Skin Sens. 1, H317	
CAS: 105-95-3	1,4-dioxacycloheptadecane-5,17-dione	0.1-<1%
EINECS: 203-347-8	N R51/53	J.1 \1/
	Aquatic Chronic 2, H411	
CAS: 106-22-9	citronellol	0.1-<1%
EINECS: 203-375-0	🗙 Xi R38; 🗙 Xi R43; 🏪 N R51/53	0.1 . 1 /0
	Aquatic Chronic 2, H411; () Skin Irrit. 2, H315;	
	Skin Sens. 1, H317	
CAS: 106-24-1	geraniol	0.1-<1%
EINECS: 203-377-1	X Xi R38-41; X Xi R43	<u>.</u> ./
	♦ Eye Dam. 1, H318; (1) Skin Irrit. 2, H315; Skin Sens.	
	<i>1, H317</i>	
CAS: 77-53-2	Cedrol	0.1-<1%
EINECS: 201-035-6	₩ N R51/53	5.1 17
	Aquatic Chronic 2, H411	
CAS: 77-54-3	$\sqrt{3R-(3\alpha,3\alpha\beta,6\alpha,7\beta,8\alpha\alpha)}-octahydro-3,6,8,8-tetramethyl-$	0.1-<1%
EINECS: 201-036-1	<i>1H-3a</i> ,7-methanoazulen-5-yl acetate	0.1-<1%
Lindeg, 201-050-1	$\frac{111-3a}{8}$ N R51/53	
	Aquatic Chronic 2, H411	
CAS: 80-54-6	•	0.1-<1%
<i>EINECS: 201-289-8</i>	2-(4-tert-Butylbenzyl)propionaldehyde \mathbf{Y}_{2} , \mathbf{P}_{2} , \mathbf{P}_{3} , \mathbf{P}_{3} , \mathbf{P}_{4} , \mathbf{P}_{5} , \mathbf	0.1-<1%
EINEUS, 201-209-0	Xn R22-62; Xi R38; Xi R43; N R51/53	
	 <i>Repr. 2, H361; </i> Aquatic Chronic 2, H411; <i>Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1,</i> 	
	H317	
CAC. 22200 55 0		0.1-<1%
CAS: 32388-55-9 EINECS: 251-020-3	hexahydro tetramethyl methano azulenyl ethanone	0.1-<1%
EINEUS. 231-020-3	🗙 Xi R43; 🌄 N R50/53	
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	
	V SKIN SENS. 1, 1151/	

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CAS: 65405-77-8	(Z)-3-hexenyl salicylate	0.1-<1%
EINECS: 265-745-8	¥2 N R50/53	
	local Acute 1, H400; Aquatic Chronic 1, H410	

• 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 symptons 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:
- CO2, 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.
- \cdot 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/m³ Long-term value: 2 mg/m³

Long term value.

$\cdot DNELs$

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 ³ (long-term - systemic effects)		
	DNEL (worker)	33.3 mg/m ³ (long-term - systemic effects)		

· PNECs

Indes	11/200		
5989-27-5 (R	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 sedime	nt 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:
- \cdot 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 a	and abamical properties	
· 9.1 Information on basic physical a · General Information	ina chemicai properties	
· Appearance: Form:	Solid	
Form: Colour:	2000	
	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.	
-	Not determined.	
· Flammability (solid, gaseous):	Not determinea.	
· 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:	$\sim 0.9 \ g/cm^3$	
· Relative density	Not determined.	
· Vapour density	Not applicable.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
water:	Insoluble.	
· Partition coefficient (n-octanol/wat	ter): 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.
- \cdot 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	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-men	ntha-1,8-diene		
Oral	LD50	2000 mg/kg (rat)		
Dermal	LD50	5000 mg/kg (rabbit)		
105-95-3	,4-dioxacy	cloheptadecane-5,17-dione		
Oral	LD50	>5000 mg/kg (rat)		
Dermal	LD50	> 5000 mg/kg (rabbit)		
106-22-9 с	itronellol			
Oral	LD50	3450 mg/kg (rat)		
Dermal	LD50	2650 mg/kg (rabbit)		
Inhalative	LC50/4 h	> 100 mg/l (rat)		
106-24-1 g	geraniol	1		
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		xenyl salicylate		
Oral	LD50	5000 mg/kg (rat)		
Dermal	LD50	>5000 mg/kg (rabbit)		
· Primary ir				
• on the skin				
\cdot on the eye				
	Sensitization: Sensitization possible through skin contact. Additional toxicological information:			
		the following dangers according to the calculation method of the General E		

Classification Guidelines for Preparations as issued in the latest version: • **Repeated dose toxicity** No further relevant information available.

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Trade name: Candle Lalique Néroli

• 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.

$\cdot European \ waste \ catalogue$

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.

· 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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Trade name: Candle Lalique Néroli

		(Contd. of page 7)
· 14.5 Environmental hazards: · Marine pollutant:	No	
· 14.6 Special precautions for user	Not applicable.	
· 14.7 Transport in bulk according to Ann MARPOL73/78 and the IBC Code	ex II of 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.
- 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 Bönig 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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Trade name: Candle Lalique Néroli

 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) LCS0: Lethal dose, 50 percent PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative Flam. Liq. 3: Flammable liquids, Hazard Category 3 Acute To the Actionality of the American Chemican Chemican	(Contd. of page 8)
LD50: Lethal dose, 50 percent	
1	
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 - 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	
	GB

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: <u>Candle Lalique Rose</u>

• 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

 \cdot 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

 \cdot 1.4 Emergency telephone number: +41 43 499 45 00

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

 \cdot 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	
	•	(Contd. on page 2)

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Trade name: Candle Lalique Rose

		Contd. of page 1)
CAS: 60-12-8	2-phenylethanol	1-<5%
EINECS: 200-456-2	🗙 Xn R22; 🗙 Xi R36	
	🛞 Acute Tox. 3, H311; 🚸 Acute Tox. 4, H302; Eye Irrit. 2, H319	
CAS: 106-22-9	citronellol	0.1-<1%
EINECS: 203-375-0	🗙 Xi R38; 🗙 Xi R43; 🏪 N R51/53	
	🚯 Aquatic Chronic 2, H411; 🚸 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 111879-80-2	A mixture of: (E)-oxacyclohexadec-12-en-2-one (E)-oxacyclohexadec-13-	0.1-<0.25%
ELINCS: 422-320-3	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	
· Additional informat	on: 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 symptons 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:

CO2, 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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Trade name: Candle Lalique Rose

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/m³

Long-term value: 2 mg/m^3

· 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

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Trade name: Candle Lalique Rose

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9.1 Information on basic physical a	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:	$\sim 0.9 \ g/cm^3$	
Relative density	Not determined.	
Vapour density	Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with		
water:	Insoluble.	
Partition coefficient (n-octanol/wat	er): 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.

 \cdot 10.5 Incompatible materials: No further relevant information available.

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

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Trade name: Candle Lalique Rose

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SECTIO	N 11: To	oxicological information
	mation on	toxicological effects
· LD/LC50	values rele	vant for classification:
8002-74-2	Paraffin w	vaxes and Hydrocarbon waxes
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)
60-12-8 2-	phenylethd	inol
Oral	LD50	2540 mg/kg (Mou)
		1790 mg/kg (rat)
Dermal	LD50	790 mg/kg (rabbit)
106-22-9 с	itronellol	
Oral	LD50	3450 mg/kg (rat)
Dermal	LD50	2650 mg/kg (rabbit)
Inhalative	LC50/4 h	> 100 mg/l (rat)
· Primary ir	ritant effe	ct:

• on the skin: No irritant effect.

 \cdot on the eye: No irritating effect.

· Sensitization: May produce an allergic reaction.

• Repeated dose toxicity No further relevant information available.

· CMR effects (carcinogenity, 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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Trade name: Candle Lalique Rose

· Uncleaned packaging:

· Recommendation:

Dispose of in accordance with all applicable local and national regulations. Non contaminated packagings may be recycled.

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 Ann	ex II of	
MARPOL73/78 and the IBC Code	Not applicable.	

SECTION 15: Regulatory information

• 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture 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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Trade name: Candle Lalique Rose

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Department issuing MSDS:	
Chemisches Labor & Consulting - Dr. Ulrich Bönig	
Simonshöfchen 55, D-42327 Wuppertal	
Germany	
Tel.: +49-(0)202-7387557	
Contact: Mr. Boenig, PhD.	
Abbreviations and acronyms:	
<i>CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008</i>	
REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 Decemb	er 2006 concerning th
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 com	cerning the Internation
Carriage of Dangerous Goods by Road)	0
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 - 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	

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 Lalique Santal
- \cdot 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
- \cdot 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

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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Revision: 18.07.2014

Trade name: Candle Lalique Santal

(Contd. of page 1)

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 W R50/53	0.1-<1%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: REACH: 01-2119529223-47-	 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 (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	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; Weight 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; B 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	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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Printing date 18.07.2014

Version number 1

Revision: 18.07.2014

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Trade name: Candle Lalique Santal

· After eye contact:

Immediately flush eyes with plenty of water with lids lifted. If symptons 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.
- \cdot 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:
- CO2, 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.

(Contd. on page 4)

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Trade name: Candle Lalique Santal

8.1 Contro	l para	meters	(Contd. of page 3	
	-		nat require monitoring at the workplace:	
8002-74-2	Paraj	fin waxes and	Hydrocarbon waxes	
		value: 6 mg/m		
Long	g-term	value: 2 mg/m	<i>,</i> 3	
DNELs				
5989-27-5	(R)-p	-mentha-1,8-di	iene	
Oral	DNE	L (population)	4.76 mg/kg bw/day (long-term - systemic effects)	
	DNE	L (worker)	4.76 mg/kg bw/day (long-term - systemic effects)	
Dermal	DNE	L (population)	0.111 mg/kg bw/day (Acute/short-term exposure-local effects)	
	DNE	L (worker)	0.222 mg/kg bw/day (Acute/short-term exposure-local effects)	
Inhalative	DNE	L (population)	8.33 mg/m ³ (long-term - systemic effects)	
		L (worker)	33.3 mg/m ³ (long-term - systemic effects)	
PNECs				
	(R)-n	-mentha-1,8-di	iene	
PNEC STP		1.8 mg/l (STP)		
PNEC aqu		0.0054 mg/l (fi		
11120 aqui		0.00054 mg/l (
PNEC oral	,	3.33 mg/kg (or		
			1.32 mg/kg dw (freshwater)	
I IIE Seal	mem	0.13 mg/kg dw (merine water)		
PNEC soil		0.262 mg/kg d		
			sts valid during the making were used as basis.	
			is valu aaring me making were used as basis.	
8.2 Exposu		ntrols ive equipment.		
		ve and hygieni		
			y measures for handling chemicals.	
		ection: Not req	juired.	
Protection			permeable and resistant to the product/ the substance/ the preparation.	
			ial on consideration of the penetration times, rates of diffusion and the	
degradatio	•	0	······································	
		s according EN	<i>1 3 7 4</i> .	
Material of				
Nitrile rubi Fluorocarl		bber (Viton)		
		, ,	oves does not only depend on the material, but also on further marks of quali	
	of the		to manufacturer. As the product is a preparation of several substances, th can not be calculated in advance and has therefore to be checked prior to the	
		e of glove mate	rial	
			nas to be found out by the manufacturer of the protective gloves and has to l	
observed.		Not required.		

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9.1 Information on basic physical a	und chemical properties	
General Information on basic physical a	ma chemicai properties	
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:	$\sim 0.9 \ g/cm^3$	
Relative density	Not determined.	
Vapour density	Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with		
water:	Insoluble.	
Partition coefficient (n-octanol/wat	er): 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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11.1 Infor Acute toxi		toxicological effects
	•	vant for classification:
		vaxes 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		
<i>Oral LD50</i> > 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)
91-64-5 са	oumarin	
Oral	LD50	293 mg/kg (rat)

• on the eye: No irritating effect.

- Sensitization: Sensitization possible through skin contact.
- Repeated dose toxicity No further relevant information available.
- · 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.

- $\cdot \ 12.3 \ Bioaccumulative \ potential \ Bioaccumulation \ potentially \ possible.$
- 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

· Uncleaned packaging:

· Recommendation:

Dispose of in accordance with all applicable local and national regulations. Non contaminated packagings may be recycled.

14.1 UN-Number	Void	
ADR, ADN, IMDG, IATA	Volu	
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, IMDĞ, 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 Anne	ex II of	
MARPOL73/78 and the IBC Code	Not applicable.	
Transport/Additional information:		
ADR		
\cdot 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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H304	(Contd. of pag May be fatal if swallowed and enters airways.
H315	
	May cause an allergic skin reaction.
H319	
H373	
H400	
H410	
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.
	22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
	53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
105	narmjui. may cause iang aamage ij swallowea.
Depa	rtment issuing MSDS:
Chen	uisches Labor & Consulting - Dr. Ulrich Bönig
Simo	nshöfchen 55, D-42327 Wuppertal
Germ	• • • • • • • • • • • • • • • • • • • •
	+49-(0)202-7387557
	act: Mr. Boenig, PhD.
	eviations and acronyms:
	Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008
	H: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning
	ration, Evaluation, Authorisation and Restriction of Chemicals.
	effective concentration, 50 percent
	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internatic ge of Dangerous Goods by Road)
	e of Dangerous Goods by Roda) : International Maritime Code for Dangerous Goods
	International Air Transport Association
	Globally Harmonized System of Classification and Labelling of Chemicals
	erband der chemischen Industrie, Deutschland (German chemical industry association)
	S: European Inventory of Existing Commercial Chemical Substances
	S: European List of Notified Chemical Substances
	Chemical Abstracts Service (division of the American Chemical Society) : Derived No-Effect Level (REACH)
	: Predicted No-Effect Concentration (REACH)
	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
	versistent, bioaccumulative, toxic
	very persistent, very bioaccumulative Lig. 3: Flammable liquids, Hazard Category 3
	Liq. 5: Flammable liquias, Hazara Calegory 5 Tox. 4: Acute toxicity, Hazard Category 4
	rit. 2: Skin corrosion/irritation, Hazard Category 2
	it. 2: Serious eye damage/eye irritation, Hazard Category 2
Skin S	ens. 1: Sensitisation - Skin, Hazard Category 1
	RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
	ox. 1: Aspiration hazard, Hazard Category 1
	c Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1 c Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
	c Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1 c Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
	c 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 Lalique 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 \cdot 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 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 GHS07 · 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. (Contd. on page 2) GB

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

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	(Contd. of page
P273	Avoid release to the environment.
P280	Wear protective gloves.
P302+P.	352 IF ON SKIN: Wash with plenty of soap and water.
P501	Dispose of contents/container to an authorised waste disposal contractor or licensed loce authority disposal / landfill site.
· 2.3 Othe	r hazards
· Results of	of PBT and vPvB assessment
PBT:	
regulatio	luct does not contain any PBT substance or does not fulfil criteria for PBT according to annex XIII (on (EC) 1907/2006.
·vPvB:	
	duct does not contain any vPvB substance or does not fulfil criteria for vPvB according to annex XI ation (EC) 1907/2006.
SECTI	ON 3: Composition/information on ingredients
· 3.2 Chen	nical characterization: Mixtures
· Descript	ion: Candle based on paraffin waxes with perfume.
-	pus components:
CAS: 80	02-74-2 Paraffin waxes and Hydrocarbon waxes 60-<70%

0 1		
CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	60-<70%
EINECS: 232-315-6	substance with a Community workplace exposure limit	
CAS: 54464-57-2	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	
EINECS: 259-174-3	🗙 Xi R38; 🗙 Xi R43; 🏪 N R51/53	
	🚯 Aquatic Chronic 2, H411; 🚸 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	0.1-<1%
EINECS: 214-946-9	¥2 N R50/53	
	🚯 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 105-95-3	1,4-dioxacycloheptadecane-5,17-dione	0.1-<1%
EINECS: 203-347-8	¥2 N R51/53	
	🚯 Aquatic Chronic 2, H411	
CAS: 198404-98-7	Cyclopropanemethanol, 1-methyl-2-[(1,2,2-trimethylbicyclo[3.1.0]hex-3-yl)	0.1-<1%
	methyl]	
	₩2 N R50/53	
	🚯 Aquatic Chronic 1, H410	
CAS: 117933-89-8	2-(2,4-Dimethyl-3-cyclohexeneyl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane	0.1-<1%
ELINCS: 413-720-9	🗙 Xn R22-48; 🌄 N R50/53	
	STOT RE 2, H373; 🚯 Aquatic Acute 1, H400; Aquatic Chronic 1,	
	H410	
	The the wording of the listed with physics refer to section 16	

• 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 symptons 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:
- CO2, 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/m³

Long-term value: 2 mg/m³

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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: Form: Solid Colour: Colourless · Odour: Characteristic · Odour threshold: Not determined. · pH-value: Not applicable. · Change in condition ~ 55 °C Melting point/Melting range: Boiling point/Boiling range: > 300 °C · Flash point: Not applicable. · Flammability (solid, gaseous): Not determined. · Ignition temperature: Not determined. Decomposition temperature: Product is not selfigniting. · Self-igniting: · Danger of explosion: Product does not present an explosion hazard. · Explosion limits: Lower: Not determined. Not determined. Upper: · Vapour pressure: Not applicable. ~ 0.9 g/cm³ · Density at 20 °C: · Relative density Not determined. · Vapour density Not applicable.

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		(Contd. of page 4)
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
water:	Insoluble.	
· Partition coefficient (n-octano	l/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.
- \cdot 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	•	vant for classification:
8002-74-2	Paraffin w	vaxes and Hydrocarbon waxes
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rabbit)
54464-57-	2 1-(1,2,3,4	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-dioxacy	cloheptadecane-5,17-dione
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)
 Primary ir on the sking on the eye 	ı: No irrita	int effect.
		zation possible through skin contact.
The prod	uct shows	ical information: the following dangers according to the calculation method of the General EU ines for Preparations as issued in the latest version:

- Irritant
- *Repeated dose toxicity No further relevant information available.*
- CMR effects (carcinogenity, 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.

 \cdot 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

Void	
Void	
Void	
No	
Not applicable. -	
l of Not applicable.	
NOT SUBJECT TO ADR	
	Void No Not applicable. - I of Not applicable.

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

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P102

P280

Keep out of reach of children.

Wear protective gloves.

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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
\cdot 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.
· 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
  GHS07
· 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
             If medical advice is needed, have product container or label at hand.
 P101
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Trade name: Candle Lalique Vetiver

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.

EINECS: 232-315-6 substance with a Community workplace exposure limit	60-<70%
Aquatic Chronic 2, H411; 🚸 Skin Irrit. 2, H315; Skin Sens. 1, H317	1-<2.5%
CAS: 68129-81-7 Vetiverol EINECS: 268-578-9 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 symptons 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:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Full water jet
- \cdot 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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Trade name: Candle Lalique Vetiver

- 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/m³
 - Long-term value: 2 mg/m³
- · 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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Trade name: Candle Lalique Vetiver

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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	na chemicai properties	
· 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:	$\sim 0.9 \ g/cm^3$	
· Relative density	Not determined.	
· Vapour density	Not applicable.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
water:	Insoluble.	
· Partition coefficient (n-octanol/wate	er): 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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Trade name: Candle Lalique Vetiver

(Contd. of page 4)

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 w	vaxes 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 (carcinogenity, 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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· 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.

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

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	Void
	Void
· 14.2 UN proper shipping name	
	Void
· ADR, ADN, IMDG, IATA	voia
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
01105	, , , , , , , , , , , , , , , , , , , ,
· 14.4 Packing group	
$\cdot ADR, IMDG, IATA$	Void
ADK, IMDO, IATA	Voiu
· 14.5 Environmental hazards:	
	No
• Marine pollutant:	NO
· 14.6 Special precautions for user	Not applicable.
• 14.7 Transport in bulk according to Annex II o	f
MARPOL73/78 and the IBC Code	Not applicable.
	11
• Transport/Additional information:	
·ADR	
	NOT SUBJECT TO ADR
· Excepted quantities (EQ)	NOI SUDJECI IU ADK
· UN "Model Regulation":	_
or mouth guantin .	

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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Trade name: Candle Lalique Vetiver

	(Contd. of page 6)
· Department issuing MSDS:	
Chemisches Labor & Consulting - Dr. Ulrich Bönig	
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 Decemb	per 2006 concerning the
Registration, Evaluation, Authorisation and Restriction of Chemicals.	0
EC50: effective concentration, 50 percent	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement con	cerning 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	
Aquare entone 2. Augurabus to me aquare entrolanear Entone Hagara, Caregoly 2	

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

· 1.1 Product identifier

· Trade name: Candle Lalique 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: 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



· 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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Trade name: Candle Lalique Yuzu

· 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.

CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	65-<75%
EINECS: 232-315-6	substance with a Community workplace exposure limit	
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	1-<2.5%
	 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317 	
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 symptons 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 Lalique Yuzu

• **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:

CO2, 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.
- \cdot 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/m³

Long-term value: 2 mg/m^3

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		(Contd. of page 3)
· DNELs		
	(R)-p-mentha-1,8-di	
Oral		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 ³ (long-term - systemic effects)
	DNEL (worker)	33.3 mg/m ³ (long-term - systemic effects)
· PNECs		
5989-27-5	(R)-p-mentha-1,8-di	ene
PNEC STP	2 1.8 mg/l (STP)	
PNEC aqu	a 0.0054 mg/l (fi	reshwater)
-	0.00054 mg/l (
PNEC oral	l 3.33 mg/kg (or	al)
PNEC sedi	ment 1.32 mg/kg dw	
		(marine water)
PNEC soil		
		ts valid during the making were used as basis.
· 8.2 Exposu	-	0 0
 Protection The glove n Selection degradatio Protective Material of Nitrile rubb Fluorocarl The selecti and varies resistance application The exact h observed. 	material has to be im of the glove materi n gloves according EN f gloves ber, NBR bon rubber (Viton) on of the suitable glo from manufacturer of the glove material 1. n time of glove mate	permeable and resistant to the product/ the substance/ the preparation. al on consideration of the penetration times, rates of diffusion and the 374. wes does not only depend on the material, but also on further marks of quality to manufacturer. As the product is a preparation of several substances, the can not be calculated in advance and has therefore to be checked prior to the rial has to be found out by the manufacturer of the protective gloves and has to be
	eation on basic physi formation ee:	d chemical properties cal and chemical properties Solid Colourless Characteristic Not determined.
	snow.	
· pH-value:		Not applicable.
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		(Contd. of page
• Change in condition Melting point/Melting range: Boiling point/Boiling range:	ca. 55 °C > 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: Upper:	Not determined. Not determined.	
· Vapour pressure:	Not applicable.	
· Density at 20 °C: · Relative density · Vapour density · Evaporation rate	~ 0.9 g/cm ³ Not determined. Not applicable. Not applicable.	
Solubility in / Miscibility with water:	Insoluble.	
· Partition coefficient (n-octanol/wat	ter): Not determined.	
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.	
Solvent content: Organic solvents: 9.2 Other information	0 % 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

 \cdot 11.1 Information on toxicological effects

· Acute toxicity:

Г

· LD/LC50 values relevant	for classification:
Los rances recording	joi clubbilication.

8002-74-2 Paraffin waxes and Hydrocarbon waxes			
Oral	LD50	> 5000 mg/kg (rat)	
Dermal	LD50	> 3000 mg/kg (rabbit)	
5989-27-5	5989-27-5 (R)-p-mentha-1,8-diene		
Oral	LD50	2000 mg/kg (rat)	

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Trade name: Candle Lalique Yuzu

		(Contd. of page 5)
Dermal	LD50	5000 mg/kg (rabbit)
54464-57-	2 1-(1,2,3,4	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)
5392-40-5	citral	
Oral	LD50	4960 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat)
		2250 mg/kg (rabbit)
· Primary in		
\cdot on the ski		
\cdot on the eve	: No irritat	ting 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 (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.
- · 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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JD

Printing date 10.07.2014

Version number 1

Revision: 10.07.2014

Trade name: Candle Lalique Yuzu

· Uncleaned packaging:

· Recommendation:

Dispose of in accordance with all applicable local and national regulations. Non contaminated packagings may be recycled.

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 Danger code (Kemler):	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
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.
- 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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Trade name: Candle Lalique Yuzu

	(Contd. of page 7
Department issuing MSDS:	
Chemisches Labor & Consulting - Dr. Ulrich Bönig	
Simonshöfchen 55, D-42327 Wuppertal	
Germany	
<i>Tel.</i> : +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 Decem	ber 2006 concerning th
Registration, Evaluation, Authorisation and Restriction of Chemicals.	0
EC50: effective concentration, 50 percent	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement cor	ncerning the Internation
Carriage of Dangerous Goods by Road)	Ũ
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 - AcuteHazard, Category 1 Aquatic Changing 1: Hazardous to the aguatic environment - Changing 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 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3	
Aquant Chronic 5. Hazaraous to me aquanc environment - Chronic Hazara, Calegory 5	



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

DECLARATION OF CONFORMITY / DECLARATION DE CONFORMITE ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

La society Lalique Parfums SA certifie that the products listed below: 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



TECHNICAL FILE

Name: *Generic paper bag* :

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