



The Ritual of Jing scented candle

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

1.1 - Product identifier

Trade name/designation The Ritual of Jing scented candle

Chemical name

Product-type Mixture

Product code

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

1.3 - Details of the supplier of the safety data sheet

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1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Sens. 1	Skin sensitization - Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: 4-tert-butylcyclohexyl acetate (CAS No.: 32210-23-4)

Signal word : Warning

Hazard pictograms



Hazard statements

H317	May cause an allergic skin reaction
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

P273	Avoid release to the environment.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents, container to an appropriate recycling or disposal facility.

EUH-phrases



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EUH208	Contains cinnamaldehyde (104-55-2) isoeugenol (97-54-1) α -methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0) Piperonal (120-57-0) 4-tert-butylcyclohexyl acetate (32210-23-4) tetrahydrolinalool (78-69-3) linalool (78-70-6) α -hexylcinnamaldehyde (101-86-0) benzyl salicylate (118-58-1) Amyl cinnamic aldehyde (122-40-7) 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (127-51-5) tetramethyl acetyloctahydronaphtalenes (54464-57-2) . May produce an allergic reaction
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2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
4-tert-butylcyclohexyl acetate	CAS No. : 32210-23-4 Index No. : EC No. : 250-954-9	1,5	Skin Sens. 1B - H317	Not applicable
Piperonal	CAS No. : 120-57-0 Index No. : EC No. : 204-409-7	0,75	Skin Sens. 1B - H317	Not applicable
tetrahydrolinalool	CAS No. : 78-69-3 Index No. : EC No. : 201-133-9	0,75	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
linalool	CAS No. : 78-70-6 Index No. : 603-235-00-2 EC No. : 201-134-4	0,75	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
α -methyl-1,3-benzodioxole-5-propionaldehyde	CAS No. : 1205-17-0 Index No. : EC No. : 214-881-6	0,25	Aquatic Chronic 2 - H411 Repr. 2 - H361 Skin Sens. 1B - H317	Not applicable
Oxacyclohexadecen-2-one	CAS No. : 111879-80-2 Index No. : EC No. :	0,25	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Not applicable
Amyl cinnamic aldehyde	CAS No. : 122-40-7 Index No. : EC No. : 204-541-5	0,25	Aquatic Chronic 2 - H411 Skin Sens. 1B - H317	Not applicable
benzyl salicylate	CAS No. : 118-58-1 Index No. : EC No. : 204-262-9	0,25	Aquatic Chronic 3 - H412 Eye Irrit. 2 - H319 Skin Sens. 1B - H317	Not applicable
tetramethyl acetyloctahydronaphtalenes	CAS No. : 54464-57-2 Index No. : EC No. : 259-174-3	0,25	Aquatic Chronic 1 - H410 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	CAS No. : 127-51-5 Index No. : EC No. : 204-846-3	0,1	Aquatic Chronic 2 - H411 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
α -hexylcinnamaldehyde	CAS No. : 101-86-0 Index No. : EC No. : 202-983-3	0,1	Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Skin Sens. 1B - H317	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- No special measures are necessary.
- Provide fresh air.



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Following skin contact - After contact with skin, wash immediately with plenty of water and soap.
- In case of skin reactions, consult a physician.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - Causes skin irritation.

Symptoms and effects - After eye contact - No information available.

Symptoms and effects - After ingestion - No information available.

4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No information available.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Use personal protection equipment.

For emergency responders - No information available.

6.2 - Environmental precautions

- No information available.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.



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Methods and material for cleaning up - Take up mechanically.
- Wash with plenty of water.

Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - Avoid: Generation/formation of dust
- Avoid: Skin contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact

Advices on general occupational hygiene - No information available.

7.2 - Conditions for safe storage, including any incompatibilities

- No information available.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Barrier creams are not substitutes for body protection.
- Tested protective gloves must be worn

- Suitable protective clothing: lab coat



SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties



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<u>Physical state</u>	Solid	<u>Appearance</u>
<u>Colour</u>		<u>Odour</u>
Odour threshold		No data available
pH		No data available
Melting point		No data available
Freezing point		No data available
Boiling point		No data available
Flash point		No data available
Evaporation rate		No data available
flammability		No data available
Lower explosion limit		No data available
Upper explosion limit		No data available
Vapour pressure		No data available
Vapour density		No data available
Relative density		No data available
Density		No data available
Solubility (Water)		No data available
Solubility (Ethanol)		No data available
Solubility (Acetone)		No data available
Solubility (Organic solvents)		No data available
Log KOC		No data available
Auto-ignition temperature		No data available
Decomposition temperature		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- No information available.

10.5 - Incompatible materials

- No information available.



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10.6 - Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on toxicological effects

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Toxicity : Substances

4-tert-butylcyclohexyl acetate (32210-23-4)	
LD50 oral (rat)	5000 mg/kg
LD50 dermal (rabbit)	5000 mg/kg
benzyl salicylate (118-58-1)	
LD50 oral (rat)	964 mg/kg
LD50 dermal (rabbit)	7940 mg/kg
Amyl cinnamic aldehyde (122-40-7)	
LD50 oral (rat)	3730 mg/kg
LD50 dermal (rabbit)	2000 mg/kg

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Skin sensitization - Category 1 - May cause an allergic skin reaction

- May cause sensitization by skin contact.
- May cause an allergic skin reaction.

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

SECTION 12: Ecological information



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12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

Amyl cinnamic aldehyde (122-40-7)	
EC50 48 hr crustacea	1,1 mg/l
LC50 96 hr fish	3 mg/l
ErC50 algae	1,89 mg/l

- Harmful to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

12.6 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.



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SECTION 14: Transport information

14.1 - UN number

Not applicable

14.2 - UN proper shipping name

14.3 - Transport hazard class(es)

14.4 - Packing group

14.5 - Environmental hazards

14.6 - Special precautions for user

14.7 - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

Substances REACH candidates 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (Index No.: - EC No.: 247-384-8 - CAS No.: 25973-55-1)

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
1	2019-12-06	

Texts of the regulatory sentences

Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Eye Irrit. 2	Eye irritation - Category 2
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
Repr. 2	Reproductive toxicity - Category 2



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Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
Skin Sens. 1B	Skin sensitization - Category 1B

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