

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
MIXTURE OF ODORIFEROUS SUBSTANCES

Version 1.1

Revision Date 04.03.2021

Print Date 14.02.2022

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

1.1 Product identifier

Trade name : MIXTURE OF ODORIFEROUS
SUBSTANCES
- Veranda Fern

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

Use of the : Fragrances
Substance/Mixture
Recommended restrictions : For industrial use only.
on use

1.3 Details of the supplier of the safety data sheet

Company : Cierra Candle & Soap
Supplies
2815 Baker Avenue #105
Everett, WA 98201
Telephone : 866-907-2668
Telefax :
E-mail address : sales@cierracandles.com
Responsible/issuing person

1.4 Emergency telephone number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard,	H411: Toxic to aquatic life with long lasting effects.

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Category 2

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

:



Signal word

:

Warning

Hazard statements

:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

:

Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P391 Collect spillage.

Hazardous components which must be listed on the label:

α -hexylcinnamaldehyde

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benzyl salicylate

cinnamyl alcohol

2,4-dimethylcyclohex-3-ene-1-carbaldehyde

linalyl acetate

isocyclocitral

α -methyl-1,3-benzodioxole-5-propionaldehyde

2,6,10-trimethylundec-9-enal

2-benzylideneheptanal

2,6-dimethylhept-5-enal

eugenol

cinnamaldehyde

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
α -hexylcinnamaldehyde	101-86-0	Skin Sens. 1B; H317	$\geq 2,5$ - < 10

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	202-983-3 01-2119533092-50-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 2; H411	
Terpineol	8000-41-7 232-268-1 01-2119553062-49-XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319	$\geq 1 - < 10$
benzyl acetate	140-11-4 205-399-7 01-2119638272-42-XXXX	Aquatic Chronic 3; H412	$\geq 2,5 - < 10$
2-phenylethanol	60-12-8 200-456-2 01-2119963921-31-XXXX	Acute Tox. 4; H302 Eye Irrit. 2; H319	$\geq 1 - < 10$
3-p-cumenyl-2-methylpropionaldehyde	103-95-7 203-161-7 01-2119970582-32-XXXX	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	$\geq 2,5 - < 10$
linalool	78-70-6 201-134-4 01-2119474016-42-XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317	$\geq 1 - < 10$
2-(4-tert-butylbenzyl)propionaldehyde	80-54-6 201-289-8 01-2119907954-30-XXXX, 01-2119485965-18-XXXX	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Repr. 2; H361 Aquatic Chronic 3; H412	$\geq 2,5 - < 3$
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5 214-946-9 01-2119488227-29-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 1 - < 2,5$
phenethyl acetate	103-45-7 203-113-5	Eye Dam. 1; H318	$\geq 1 - < 3$

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	01-2119976340-38-XXXX		
(R)-p-mentha-1,8-diene	5989-27-5 227-813-5 01-2119529223-47-XXXX	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 1 - < 2,5$
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	17511-60-3 241-514-7 01-2119969447-21-XXXX	Aquatic Chronic 2; H411	$\geq 1 - < 2,5$
benzyl benzoate	120-51-4 204-402-9 01-2119976371-33-XXXX	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	$\geq 1 - < 2,5$
benzyl salicylate	118-58-1 204-262-9 01-2119969442-31-XXXX	Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	$\geq 1 - < 2,5$
cinnamyl alcohol	104-54-1 203-212-3 01-2119934496-29-XXXX	Skin Sens. 1B; H317	$\geq 1 - < 10$
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1 01-2119982384-28-XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 2; H411	$\geq 1 - < 2,5$
linalyl acetate	115-95-7 204-116-4 01-2119454789-19-XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317	$\geq 0,1 - < 1$
isocyclocitral	1335-66-6 215-638-7	Skin Irrit. 2; H315 Eye Irrit. 2; H319	$\geq 0,25 - < 1$

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	Exempted	Skin Sens. 1B; H317 Aquatic Chronic 3; H412	
2,6-di-tert-butyl-p-cresol	128-37-0 204-881-4 01-2119480433-40-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 0,25 - < 1$
pentyl salicylate	2050-08-0 218-080-2 01-2119969444-27-XXXX	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 0,25 - < 1$
α -methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0 214-881-6 01-2120740119-58-XXXX	Skin Sens. 1B; H317 Repr. 2; H361 Aquatic Chronic 2; H411	$\geq 0,25 - < 1$
2,6,10-trimethylundec-9-enal	141-13-9 205-460-8 N/A	Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 0,1 - < 0,25$
2-benzylideneheptanal	122-40-7 204-541-5 01-2119978288-18-XXXX	Skin Sens. 1B; H317 Aquatic Chronic 2; H411	$\geq 0,1 - < 0,25$
2,6-dimethylhept-5-enal	106-72-9 203-427-2 01-2120270305-62-XXXX	Skin Sens. 1B; H317	$\geq 0,1 - < 1$
eugenol	97-53-0 202-589-1 01-2119971802-33-XXXX	Eye Irrit. 2; H319 Skin Sens. 1B; H317	$\geq 0,1 - < 1$
cinnamaldehyde	104-55-2 203-213-9 01-2119935242-45-XXXX	Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1A; H317	$< 0,1$

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For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- | | |
|-------------------------|---|
| General advice | : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended. |
| If inhaled | : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician. |
| In case of skin contact | : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes. |
| In case of eye contact | : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist. |
| If swallowed | : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician. |

4.2 Most important symptoms and effects, both acute and delayed

- | | |
|-------|---|
| Risks | : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation. |
|-------|---|

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|-----------|-----------------------------|
| Treatment | : No information available. |
|-----------|-----------------------------|

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : No information available.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
No conditions to be specially mentioned.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

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

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7.3 Specific end use(s)

Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Hand protection :
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Odour : characteristic

Flash point : > 61 °C

9.2 Other information

No data available

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SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks: May cause skin irritation and/or dermatitis.

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Components:

α -hexylcinnamaldehyde:

Remarks: May cause skin irritation and/or dermatitis.

Terpineol:

Remarks: May cause skin irritation in susceptible persons.

2-phenylethanol:

Remarks: May cause skin irritation in susceptible persons.

3-p-cumenyl-2-methylpropionaldehyde:

Remarks: May cause skin irritation and/or dermatitis.

linalool:

Remarks: May cause skin irritation and/or dermatitis.

2-(4-tert-butylbenzyl)propionaldehyde:

Remarks: May cause skin irritation and/or dermatitis.

(R)-p-mentha-1,8-diene:

Remarks: May cause skin irritation and/or dermatitis.

benzyl salicylate:

Remarks: May cause skin irritation and/or dermatitis.

cinnamyl alcohol:

Remarks: May cause skin irritation and/or dermatitis.

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Remarks: May cause skin irritation and/or dermatitis.

linalyl acetate:

Remarks: May cause skin irritation and/or dermatitis.

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isocyclocitral:

Remarks: May cause skin irritation and/or dermatitis.

α -methyl-1,3-benzodioxole-5-propionaldehyde:

Remarks: May cause skin irritation and/or dermatitis.

2,6,10-trimethylundec-9-enal:

Remarks: May cause skin irritation and/or dermatitis.

2-benzylideneheptanal:

Remarks: May cause skin irritation and/or dermatitis.

2,6-dimethylhept-5-enal:

Remarks: May cause skin irritation and/or dermatitis.

eugenol:

Remarks: May cause skin irritation and/or dermatitis.

cinnamaldehyde:

Remarks: May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: May cause irreversible eye damage.

Components:

α -hexylcinnamaldehyde:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Terpineol:

Remarks: May cause irreversible eye damage.

2-phenylethanol:

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Remarks: May cause irreversible eye damage.

3-p-cumenyl-2-methylpropionaldehyde:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

linalool:

Remarks: May cause irreversible eye damage.

2-(4-tert-butylbenzyl)propionaldehyde:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

(R)-p-mentha-1,8-diene:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

benzyl salicylate:

Remarks: May cause irreversible eye damage.

cinnamyl alcohol:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Remarks: May cause irreversible eye damage.

linalyl acetate:

Remarks: May cause irreversible eye damage.

isocyclocitral:

Remarks: May cause irreversible eye damage.

α -methyl-1,3-benzodioxole-5-propionaldehyde:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

2,6,10-trimethylundec-9-enal:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

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2-benzylideneheptanal:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

2,6-dimethylhept-5-enal:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

eugenol:

Remarks: May cause irreversible eye damage.

cinnamaldehyde:

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks: Causes sensitisation.

Components:

α -hexylcinnamaldehyde:

Remarks: Causes sensitisation.

3-p-cumenyl-2-methylpropionaldehyde:

Remarks: Causes sensitisation.

linalool:

Remarks: Causes sensitisation.

2-(4-tert-butylbenzyl)propionaldehyde:

Remarks: Causes sensitisation.

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(R)-p-mentha-1,8-diene:

Remarks: Causes sensitisation.

benzyl salicylate:

Remarks: Causes sensitisation.

cinnamyl alcohol:

Remarks: Causes sensitisation.

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Remarks: Causes sensitisation.

linalyl acetate:

Remarks: Causes sensitisation.

isocyclocitral:

Remarks: Causes sensitisation.

α -methyl-1,3-benzodioxole-5-propionaldehyde:

Remarks: Causes sensitisation.

2,6,10-trimethylundec-9-enal:

Remarks: Causes sensitisation.

2-benzylideneheptanal:

Remarks: Causes sensitisation.

2,6-dimethylhept-5-enal:

Remarks: Causes sensitisation.

eugenol:

Remarks: Causes sensitisation.

cinnamaldehyde:

Remarks: Causes sensitisation.

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Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

Components:

α -hexylcinnamaldehyde:

Remarks: No data available

Terpineol:

Remarks: No data available

benzyl acetate:

Remarks: No data available

2-phenylethanol:

Remarks: No data available

3-p-cumenyl-2-methylpropionaldehyde:

Remarks: No data available

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linalool:

Remarks: No data available

2-(4-tert-butylbenzyl)propionaldehyde:

Remarks: No data available

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran:

Remarks: No data available

phenethyl acetate:

Remarks: No data available

(R)-p-mentha-1,8-diene:

Remarks: Solvents may degrease the skin.

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate:

Remarks: No data available

benzyl benzoate:

Remarks: No data available

benzyl salicylate:

Remarks: No data available

cinnamyl alcohol:

Remarks: No data available

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Remarks: No data available

linalyl acetate:

Remarks: No data available

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isocyclocitral:

Remarks: No data available

2,6-di-tert-butyl-p-cresol:

Remarks: No data available

pentyl salicylate:

Remarks: No data available

α -methyl-1,3-benzodioxole-5-propionaldehyde:

Remarks: No data available

2,6,10-trimethylundec-9-enal:

Remarks: No data available

2-benzylideneheptanal:

Remarks: No data available

2,6-dimethylhept-5-enal:

Remarks: No data available

eugenol:

Remarks: No data available

cinnamaldehyde:

Remarks: No data available

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

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12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

Components:

α-hexylcinnamaldehyde:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Toxic to aquatic life with long lasting effects.

Terpineol:

Additional ecological information : No data available

benzyl acetate:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

2-phenylethanol:

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Additional ecological information : No data available

3-p-cumenyl-2-methylpropionaldehyde:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

linalool:

Additional ecological information : No data available

2-(4-tert-butylbenzyl)propionaldehyde:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

phenethyl acetate:

Additional ecological information : No data available

(R)-p-mentha-1,8-diene:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

benzyl benzoate:

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Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Toxic to aquatic life with long lasting effects.

benzyl salicylate:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

cinnamyl alcohol:

Additional ecological information : No data available

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

linalyl acetate:

Additional ecological information : No data available

isocyclocitral:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

2,6-di-tert-butyl-p-cresol:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

pentyl salicylate:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

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α -methyl-1,3-benzodioxole-5-propionaldehyde:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

2,6,10-trimethylundec-9-enal:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

2-benzylideneheptanal:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

2,6-dimethylhept-5-enal:

Additional ecological information : No data available

eugenol:

Additional ecological information : No data available

cinnamaldehyde:

Additional ecological information : No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

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Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADR : UN 3082
IMDG : UN 3082
IATA : UN 3082

14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-
c]pyran)
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-
c]pyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-
hexamethylindeno[5,6-c]pyran)
IATA : Environmentally hazardous substance, liquid, n.o.s.
(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-
c]pyran)

14.3 Transport hazard class(es)

ADR : 9
IMDG : 9
IATA : 9

14.4 Packing group

ADR
Packing group : III
Classification Code : M6
Hazard Identification Number : 90

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Labels : 9
Tunnel restriction code : (-)

IMDG

Packing group : III
Labels : 9
EmS Code : F-A, S-F

IATA

Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964
Packing instruction (LQ) : Y964
Packing group : III
Labels : Miscellaneous

14.5 Environmental hazards

ADR

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic : Not applicable

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pollutants (recast)

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:
(3)
benzene (72, 5, 29, 28)

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

H226	: Flammable liquid and vapour.
H302	: Harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H312	: Harmful in contact with skin.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
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.
H412	: Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Repr.	: Reproductive toxicity
Skin Irrit.	: Skin irritation

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Skin Sens. : Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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