

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

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

1.1 Product identifier

Sales No. : UAB17487/00
GARDEN WATERFALL

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

Intended Use Fragrances : Perfume compound

1.3 Details of the supplier of the safety data sheet

Company :
Givaudan Fragrances (Shanghai) Ltd.
298, Li Shi Zhen Road
PuDong Zhang Jiang High-Tech Park
201203 SHANGHAI
CHINA

Telephone : +862128931288
Telefax : +862150271412
E-mail address : global.msds_fragrances_raps@givaudan.com
Responsible/issuing person

1.4 Emergency telephone number

+862162679090

SECTION 2. Hazards identification

2.1 Classification

Classification

| | |
|--------------------------------------|--|
| Flammable liquids, Category 4 | H227: Combustible liquid |
| Acute toxicity, Category 5 | H303: May be harmful if swallowed. |
| Skin irritation, Category 2 | H315: Causes skin irritation. |
| Eye irritation, Category 2A | H319: Causes serious eye irritation. |
| Skin sensitisation, Category 1 | H317: May cause an allergic skin reaction. |
| Acute aquatic toxicity, Category 2 | H401: Toxic to aquatic life. |
| Chronic aquatic toxicity, Category 3 | H412: Harmful to aquatic life with long lasting effects. |

2.2 Label elements

Administrative information:
Report Information: SDS_CN/EN/GHS_SDS_CN/08
Sales & Distribution Information: SH01/FR/CN10/01
Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483

Givaudan[®]

GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Labelling

Hazard pictograms :



Signal word :

Warning

Hazard statements :

H227 Combustible liquid
H303 May be harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

Prevention:
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage:
P403 + P235 Store in a well-ventilated place. Keep cool.

Hazardous components which must be listed on the label:

- 3,5,5-TRIMETHYLHEXYL ACETATE 58430-94-7
- 3,7-dimethyl-1,6-octadien-3-ol (linalool) 78-70-6
- BENZYL ACETATE 140-11-4
- 2,6-dimethyl-7-octen-2-ol 18479-58-8

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483

**GARDEN WATERFALL**

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

2.3 Other hazards

no data available

SECTION 3. Composition/information on ingredients

| Chemical Name | CAS-No. EC-No. | Classification (67/548/EEC) | Classification (Regulation GB13690) | Concentration [%] |
|--|-------------------------|--------------------------------|---|----------------------|
| 3,5,5-TRIMETHYLHEXYL ACETATE | 58430-94-7 261-245-9 | | Flammable liquids 4; H227 Acute toxicity 5; H303 Skin irritation 3; H316 | >= 25 - < 50 |
| 3,7-dimethyl-1,6-octadien-3-ol (linalool) | 78-70-6 201-134-4 | Xi; R38 | Flammable liquids 4; H227 Acute toxicity 5; H303 Skin irritation 2; H315 Eye irritation 2A; H319 Acute aquatic toxicity 3; H402 | >= 5 - < 10 |
| BENZYL ACETATE | 140-11-4 205-399-7 | | Flammable liquids 4; H227 Acute toxicity 5; H303 Skin irritation 3; H316 Acute aquatic toxicity 2; H401 | >= 5 - < 10 |
| 2,6-dimethyl-7-octen-2-ol | 18479-58-8 242-362-4 | Xi; R38 | Flammable liquids 4; H227 Acute toxicity 5; H303 Skin irritation 2; H315 Eye irritation 2A; H319 Acute aquatic toxicity 3; H402 | >= 1 - < 5 |
| CYCLOHEXANEMETHANOL , 4-(1-METHYLETHYL)-, CIS- | 13828-37-0 237-539-8 | | Skin irritation 3; H316 | >= 1 - < 5 |
| CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL, METHYLESTER | 24851-98-7 246-495-9 | | Skin irritation 3; H316 Acute aquatic toxicity 3; H402 | >= 1 - < 5 |
| 2-phenylethanol | 60-12-8 200-456-2 | Xi; R36 | Acute toxicity 5; H303 Eye irritation 2A; H319 | >= 1 - < 5 |
| A mixture of cis-tetrahydro-2- isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4- methylpyran-4-ol | 63500-71-0 405-040-6 | Xi; R36 | Eye irritation 2A; H319 | >= 1 - < 5 |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | | | | |
|---|-------------------------|---------------------------------|---|------------|
| 2-methyl-3-(4-isopropylphenyl)propanal | 103-95-7 203-161-7 | N; R51/53 Xi; R38 Xi; R43 | Acute toxicity 5; H303 Skin irritation 2; H315 Skin sensitisation 1B; H317 Acute aquatic toxicity 2; H401 Chronic aquatic toxicity 2; H411 | >= 1 - < 5 |
| 2-tert-butylcyclohexyl acetate | 88-41-5 201-828-7 | N; R51/53 | Flammable liquids 4; H227 Acute toxicity 5; H303 Skin irritation 3; H316 Acute aquatic toxicity 2; H401 Chronic aquatic toxicity 2; H411 | >= 1 - < 5 |
| 3,7-dimethyl-2,6-octadienyl acetate (geranyl acetate) | 105-87-3 203-341-5 | N; R51/53 | Skin irritation 3; H316 Acute aquatic toxicity 2; H401 Chronic aquatic toxicity 2; H411 | >= 1 - < 5 |
| 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene (main isomer) | 54464-57-2 259-174-3 | Xi; R38 Xi; R43 N; R51/53 | Skin irritation 2; H315 Skin sensitisation 1; H317 Acute aquatic toxicity 2; H401 Chronic aquatic toxicity 2; H411 | >= 1 - < 5 |
| 3,7-dimethyl-1,6-octadien-3-yl acetate (linalyl acetate) | 115-95-7 204-116-4 | Xi; R38 | Flammable liquids 4; H227 Skin irritation 2; H315 Eye irritation 2A; H319 Acute aquatic toxicity 2; H401 | >= 1 - < 5 |
| 2-hexyl-3-phenyl-2-propenal (trans & cis) | 101-86-0 202-983-3 | Xi; R38 Xi; R43 | Acute toxicity 5; H303 Skin irritation 3; H316 Skin sensitisation 1B; H317 Chronic aquatic toxicity 2; H411 | >= 1 - < 5 |
| 2-phenethyl acetate | 103-45-7 203-113-5 | Xi; R36 | Acute toxicity 5; H303 Skin irritation 3; H316 Eye irritation 2A; H319 | >= 1 - < 5 |
| 1-Phenylethyl butyrate | 93-92-5 202-288-5 | | Flammable liquids 4; H227 Acute aquatic toxicity 2; H401 | >= 1 - < 5 |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | | | | |
|--|-------------------------|--|---|--------------|
| 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one | 127-51-5 204-846-3 | Xi; R36/38 Xi; R43 N; R51/53 | Skin irritation 2; H315 Eye irritation 2B; H320 Skin sensitisation 1B; H317 Acute aquatic toxicity 2; H401 Chronic aquatic toxicity 2; H411 | >= 1 - < 5 |
| BENZYL PROPANOATE | 122-63-4 204-559-3 | | Acute toxicity 5; H303 Skin irritation 3; H316 | >= 1 - < 5 |
| 3-HEPTEN-2-ONE, 3,4,5,6,6-PENTAMETHYL-, (MAIN ISOMER) | 81786-73-4 279-822-9 | R52/53 | Acute aquatic toxicity 3; H402 Chronic aquatic toxicity 3; H412 | >= 1 - < 5 |
| 3a,4,5,6,7,7a-hexahydro-4,7-methano-1-inden-5(6)-yl acetate | 2500-83-6 219-700-4 | R52/53 | Acute toxicity 5; H303 Skin irritation 3; H316 Acute aquatic toxicity 3; H402 Chronic aquatic toxicity 3; H412 | >= 1 - < 5 |
| 3-METHYL-5-PHENYL-1-PENTANOL | 55066-48-3 259-461-3 | Xn; R22 | Acute toxicity 4; H302 Acute toxicity 5; H313 | >= 1 - < 5 |
| (2E)-3,7-dimethyl-2,6-octadien-1-ol (geraniol) | 106-24-1 203-377-1 | Xi; R38 Xi; R41 Xi; R43 | Acute toxicity 5; H303 Skin irritation 2; H315 Serious eye damage 1; H318 Skin sensitisation 1; H317 Acute aquatic toxicity 2; H401 | >= 0,1 - < 1 |
| (R)-1-methyl-4-(1-methylethenyl)-cyclohexene | 5989-27-5 227-813-5 | R10 Xi; R38 R43 N; R50-R53 Xn; R65 | Flammable liquids 3; H226 Skin irritation 2; H315 Skin sensitisation 1; H317 Aspiration hazard 1; H304 Acute aquatic toxicity 1; H400 Chronic aquatic toxicity 1; H410 | >= 0,1 - < 1 |
| 2-propenyl heptanoate (allyl heptanoate) | 142-19-8 205-527-1 | Xn; R21/22 Xi; R38 Xn; R48/22 N; R50/53 | Flammable liquids 4; H227 Acute toxicity 4; H302 Acute toxicity 3; H311 Skin irritation 2; H315 Eye irritation 2A; H319 Specific target organ toxicity - repeated exposure 2; H373 Acute aquatic toxicity 1; H400 Chronic aquatic toxicity 1; H410 | >= 0,1 - < 1 |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | | | | |
|---|-------------------------|--|---|--------------|
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | 57378-68-4 260-709-8 | Xn; R22 Xi; R38 Xi; R43 N; R50/53 | Acute toxicity 4; H302 Skin irritation 2; H315 Skin sensitisation 1; H317 Acute aquatic toxicity 1; H400 Chronic aquatic toxicity 1; H410 | >= 0,1 - < 1 |
| cyclooct-4-en-1-yl methyl carbonate (main isomer) | 87731-18-8 401-620-8 | R43 | Skin sensitisation 1; H317 | >= 0,1 - < 1 |

Hydrocarbons : 0,6 %

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 : Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : no data available

Administrative information:
Report Information: SDS_CN/EN/GHS_SDS_CN/08
Sales & Distribution Information: SH01/FR/CN10/01
Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Risks : no data available

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : no data available

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Dry chemical
Alcohol-resistant foam
Carbon dioxide (CO₂)
Water spray

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.

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting 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.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

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.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

not applicable

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
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.
Provide sufficient air exchange and/or exhaust in work rooms.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Keep away from open flames, hot surfaces and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking.
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.
Observe label precautions.
Electrical installations / working materials must comply with

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

the technological safety standards.

Further information on storage conditions : no data available
Advice on common storage : no data available
Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

not applicable

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

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

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

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

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

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Administrative information:
Report Information: SDS_CN/EN/GHS_SDS_CN/08
Sales & Distribution Information: SH01/FR/CN10/01
Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | |
|--|--|
| Physical state | : liquid |
| Form | : liquid |
| Colour | : colourless to Very slightly yellow |
| Taste | : not determined |
| Odour | : fruity, Floral |
| Odour Threshold | : not applicable |
| Flash point | : 80 °C Method: Grabner miniflash closed cup |
| Lower explosion limit | : not determined |
| Upper explosion limit | : not determined |
| Flammability (solid, gas) | : not applicable |
| Oxidizing properties | : no data available |
| Auto-ignition temperature | : not determined |
| Decomposition temperature | : no data available |
| pH | : not determined |
| Melting point | : not determined |
| Boiling point | : not determined |
| Vapour pressure | : 0,1186 hPa at 20 °C Calculated (99,9 %) |
| Density | : 914,97 kg/m ³ at 20 °C |
| Bulk density | : not applicable |
| Water solubility | : not determined |
| Solubility/qualitative | : practically insoluble |
| Partition coefficient: n-octanol/water | : not applicable |
| Viscosity, kinematic | : no data available |
| Relative vapour density | : no data available |
| Evaporation rate | : no data available |

SECTION 10. Stability and reactivity

10.1 Reactivity

none

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Materials to avoid : no data available

10.6 Hazardous decomposition products

Hazardous decomposition products : no data available

Thermal decomposition : no data available

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

: Acute toxicity estimate
Dose: 3 779 mg/kg
Method: Calculation method

Acute oral toxicity

| | | |
|---|------------------------|---------------------|
| 3,5,5-TRIMETHYLHEXYL ACETATE | : LD50: 4 250 mg/kg | Species: rat |
| 3,7-dimethyl-1,6-octadien-3-ol (linalool) | : LD50: 2 790 mg/kg | Species: rat |
| BENZYL ACETATE | : LD50: 2 200 mg/kg | Species: rabbit |
| | : LD50: 2 490 mg/kg | Species: rat |
| | : LD50: 830 mg/kg | Species: mouse |
| 2,6-dimethyl-7-octen-2-ol | : LD50: 3 600 mg/kg | Species: rat |
| CYCLOHEXANEMETHANOL, 4-(1-METHYLETHYL)-, CIS- | : LD50: > 10 000 mg/kg | Species: rat |
| CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL, METHYLESTER | : LD50: > 5 000 mg/kg | Species: rat |
| 2-phenylethanol | : LD50: 1 790 mg/kg | Species: rat |
| | : LD50: 2 540 mg/kg | Species: mouse |
| | : LD50: 2 540 mg/kg | Species: guinea pig |
| A mixture of cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol | : LD50: > 5 000 mg/kg | Species: rat |
| 2-methyl-3-(4-isopropylphenyl)propanal | : LD50: 2 000 mg/kg | Species: rat |
| 2-tert-butylcyclohexyl acetate | : LD50: 4 600 mg/kg | Species: rat |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | | |
|---|---|---|
| 3,7-dimethyl-2,6-octadienyl acetate (geranyl acetate) | : LD50: 6 330 mg/kg | Species: rat |
| 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer) | : LD50: > 5 000 mg/kg | Species: rat |
| 3,7-dimethyl-1,6-octadien-3-yl acetate (linalyl acetate) | : LD50: 13 934 mg/kg | Species: rat |
| 2-hexyl-3-phenyl-2-propenal (trans & cis) | : LD50: 3 100 mg/kg LD50: 2 300 mg/kg | Species: rat Species: mouse |
| 2-phenethyl acetate | : LD50: 3 670 mg/kg LD50: 3 670 mg/kg LD50: 3 670 mg/kg | Species: rat Species: mouse Species: guinea pig |
| 1-Phenylethyl butyrate | : LD50: > 5 000 mg/kg | Species: rat |
| 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one | : LD50: > 5 000 mg/kg | Species: rat |
| BENZYL PROPANOATE | : LD50: 3 300 mg/kg | Species: rat |
| 3-HEPTEN-2-ONE, 3,4,5,6,6-PENTAMETHYL-, (MAIN ISOMER) | : LD50: > 2 400 mg/kg | Species: rat |
| 3a,4,5,6,7,7a-hexahydro-4,7-methano-1-inden-5(6)-yl acetate | : LD50: > 5 000 mg/kg | Species: rat |
| 3-METHYL-5-PHENYL-1-PENTANOL | : LD50: 1 830 mg/kg | Species: rat |
| 3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL | : LD50: 3 561 mg/kg | Species: rat |
| (2E)-3,7-dimethyl-2,6-octadien-1-ol (geraniol) | : LD50: 3 600 mg/kg | Species: rat |
| 3,7-dimethyl-6-octen-1-ol (citronellol) | : LD50: 3 450 mg/kg | Species: rat |
| (R)-1-methyl-4-(1-methylethenyl)-cyclohexene | : LD50: 4 400 mg/kg LD50: 5 600 mg/kg | Species: rat Species: mouse |
| 2-propenyl heptanoate (allyl heptanoate) | : LD50: 500 mg/kg LD50: 630 mg/kg LD50: 444 mg/kg | Species: rat Species: mouse Species: guinea pig |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | | |
|---|--|---------------------------------|
| 2,4-dimethylcyclohex-3-ene-1-carbaldehyde | : LD50: > 3 100 mg/kg | Species: rat |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | : LD50: 1 821 mg/kg | Species: mouse |
| cyclooct-4-en-1-yl methyl carbonate (main isomer) | : LD50: 3 100 mg/kg | Species: rat |
| Acute inhalation toxicity | : No data is available on the product itself. | |
| Acute inhalation toxicity 2-hexyl-3-phenyl-2-propenal (trans & cis) | : LC50: > 5 mg/l Exposure time: 4 h | Species: rat |
| Acute dermal toxicity | : Acute toxicity estimate Dose: > 5 000 mg/kg Method: Calculation method | |
| Acute dermal toxicity 3,7-dimethyl-1,6-octadien-3-ol (linalool) | : LD50: 5 000 mg/kg | Species: rabbit |
| 2,6-dimethyl-7-octen-2-ol | : LD50: 5 000 mg/kg LD50: 5 000 mg/kg | Species: rabbit Species: rat |
| CYCLOHEXANEMETHANOL, 4-(1-METHYLETHYL)-, CIS- | : LD50: > 2 000 mg/kg | Species: rabbit |
| CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL, METHYLESTER | : LD50: > 5 000 mg/kg | Species: rabbit |
| 2-phenylethanol | : LD50: 790 mg/kg | Species: rabbit |
| A mixture of cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol | : LD50: > 2 000 mg/kg | Species: rabbit |
| 2-methyl-3-(4-isopropylphenyl)propanal | : LD50: 5 000 mg/kg | Species: rat |
| 2-tert-butylcyclohexyl acetate | : LD50: > 5 000 mg/kg | Species: rabbit |
| 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer) | : LD50: > 5 000 mg/kg | Species: rabbit |
| 3,7-dimethyl-1,6-octadien-3-yl acetate (linalyl acetate) | : LD50: > 5 000 mg/kg | Species: rabbit |
| 2-phenethyl acetate | : LD50: 6 210 mg/kg | Species: rabbit |
| 1-Phenylethyl butyrate | : LD50: > 8 000 mg/kg | Species: rabbit |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | | |
|--|-----------------------|-----------------|
| 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one | : LD50: > 5 000 mg/kg | Species: rabbit |
| BENZYL PROPANOATE | : LD50: > 5 000 mg/kg | Species: rabbit |
| 3-HEPTEN-2-ONE, 3,4,5,6,6-PENTAMETHYL-, (MAIN ISOMER) | : LD50: > 5 000 mg/kg | Species: rabbit |
| 3a,4,5,6,7,7a-hexahydro-4,7-methano-1-inden-5(6)-yl acetate | : LD50: > 5 000 mg/kg | Species: rabbit |
| 3-METHYL-5-PHENYL-1-PENTANOL | : LD50: 3 100 mg/kg | Species: rabbit |
| 3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL | : LD50: > 2 000 mg/kg | Species: rabbit |
| (2E)-3,7-dimethyl-2,6-octadien-1-ol (geraniol) | : LD50: > 5 000 mg/kg | Species: rabbit |
| 3,7-dimethyl-6-octen-1-ol (citronellol) | : LD50: 2 650 mg/kg | Species: rabbit |
| (R)-1-methyl-4-(1-methylethenyl)-cyclohexene | : LD50: > 5 000 mg/kg | Species: rabbit |
| 2-propenyl heptanoate (allyl heptanoate) | : LD50: 810 mg/kg | Species: rabbit |
| 2,4-dimethylcyclohex-3-ene-1-carbaldehyde | : LD50: 5 000 mg/kg | Species: rabbit |
| cyclooct-4-en-1-yl methyl carbonate (main isomer) | : LD50: > 2 000 mg/kg | Species: rat |

Acute toxicity (other routes of administration) : No data is available on the product itself.

Skin corrosion/irritation

Skin irritation : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation : May cause irreversible eye damage.

Respiratory or skin sensitisation

Sensitisation : No data is available on the product itself.

Germ cell mutagenicity

Germ cell mutagenicity : No data is available on the product itself.

Administrative information:
Report Information: SDS_CN/EN/GHS_SDS_CN/08
Sales & Distribution Information: SH01/FR/CN10/01
Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Carcinogenicity

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity

Reproductive toxicity : No data is available on the product itself.

Target Organ Systemic Toxicant - Single exposure

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic Toxicant - Repeated exposure : No data is available on the product itself.

Aspiration hazard

Aspiration toxicity : No data is available on the product itself.

Phototoxicity

Phototoxicity : No data is available on the product itself.

Further information : no data available

SECTION 12. Ecological information

12.1 Toxicity

Toxicity to fish : no data available
Toxicity to daphnia and other aquatic invertebrates : no data available
Toxicity to algae : no data available
M-Factor
(R)-1-methyl-4-(1-methylethenyl)-cyclohexene : 1
M-Factor
2-propenyl heptanoate (allyl heptanoate) : 1
M-Factor
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one : 1
Toxicity to bacteria : no data available
Toxicity to fish (Chronic toxicity) : no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : no data available

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | |
|---|---------------------|
| Acute aquatic toxicity | : no data available |
| Chronic aquatic toxicity | : no data available |
| Toxicity Data on Soil | : no data available |
| Other organisms relevant to the environment | : no data available |
| Impact on Sewage Treatment | : no data available |

12.2 Persistence and degradability

| | |
|------------------|---------------------|
| Biodegradability | : no data available |
|------------------|---------------------|

12.3 Bioaccumulative potential

| | |
|-----------------|---------------------|
| Bioaccumulation | : no data available |
|-----------------|---------------------|

12.4 Mobility in soil

| | |
|---|---------------------|
| Mobility | : no data available |
| Distribution among environmental compartments | : no data available |
| Additional advice Environmental fate and pathways | : no data available |
| Physico-chemical removability | : no data available |

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

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

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. |
| Contaminated packaging | : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. |

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Dispose of in accordance with local regulations.

SECTION 14. Transport information

ADR/RID/ADN

Not dangerous goods

IATA/ICAO

Not dangerous goods

IMDG

Not dangerous goods

SECTION 15. Regulatory information

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

Below regulations has been referred:

Regulations on the Control over Safety of Dangerous Chemicals

GB13690 General Rule for classification and hazard communication of chemicals

GB20576-GB20598 Safety rules for classification, precautionary labeling and precautionary statements-all

GB/T16483 Safety data sheet for chemical products - Content and order of sections

GB15258 General rules for preparation of precautionary label for chemicals

GB6944 Classification and code of dangerous goods

GBZ2.1 Occupational exposure limits for hazardous agents in the workplace part 1: Chemical hazardous agents

List of hazardous waste of China

Catalogue of Commodities Forbidden to Import

These components are not in the list

Catalogue of Commodities Forbidden to Export

These components are not in the list

List of strict control toxic chemicals on import and export of China

These components are not in the list

All existing national regulations must be followed when handle the product and dispose its waste

SECTION 16. Other information

Full text of H-Statements referred to under sections 2 and 3.

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

| | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed. |
| H303 | May be harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H313 | May be harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H316 | Causes mild skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H320 | Causes eye irritation. |
| H373 | May cause damage to organs through prolonged or repeated exposure if swallowed. |
| H400 | Very toxic to aquatic life. |
| H401 | Toxic to aquatic life. |
| H402 | Harmful 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. |

Text of R-phrases mentioned in Section 3

| | |
|--------|--|
| R10 | Flammable. |
| R21/22 | Harmful in contact with skin and if swallowed. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |
| R36/38 | Irritating to eyes and skin. |
| R38 | Irritating to skin. |
| R41 | Risk of serious damage to eyes. |
| R43 | May cause sensitisation by skin contact. |
| R48/22 | Harmful: danger of serious damage to health by prolonged exposure if swallowed. |
| R50 | Very toxic to aquatic organisms. |
| 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. |
| R53 | May cause long-term adverse effects in the aquatic environment. |
| R65 | Harmful: may cause lung damage if swallowed. |

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.

Administrative information:

Report Information: SDS_CN/EN/GHS_SDS_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357757/2692127

SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



GARDEN WATERFALL

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Administrative information:
Report Information: SDS_CN/EN/GHS_SDS_CN/08
Sales & Distribution Information: SH01/FR/CN10/01
Shipping Order Information: 8357757/2692127