



Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

California Scents Palms Tropical Colada

Version number: GHS 7.0
Replaces version of: 2021-11-22 (GHS 6)

Revision: 2022-07-15

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

1.1 Product identifier

Trade name **California Scents Palms Tropical Colada**
Alternative number(s) 7638900851533, 7638900852974, 7638900852103,
7638900851946, 7638900851656

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

Relevant identified uses Consumer uses: Air Freshener

1.3 Details of the supplier of the safety data sheet

Energizer Trading Ltd.
Sword House
Totteridge Road
High Wycombe HP13 6DG
United Kingdom

Telephone: +44(0)88000353376
e-mail: ConsumerServiceEU@energizer.com

1.4 Emergency telephone number

Emergency information service This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

| Poison centre | | |
|------------------|------------------|---|
| Name | Postal code/city | Telephone |
| UK poison centre | | Product information has been submitted to the UK National Poisons Information Service (NPIS) and is accessible to medical health professionals. |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

| Section | Hazard class | Category | Hazard class and category | Hazard statement |
|---------|---|----------|---------------------------|------------------|
| 3.4S | skin sensitisation | 1 | Skin Sens. 1 | H317 |
| 4.1C | hazardous to the aquatic environment - chronic hazard | 2 | Aquatic Chronic 2 | H411 |

For full text of abbreviations: see SECTION 16.

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The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling

- Signal word warning

- Pictograms

GHS07, GHS09



- Hazard statements

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

- Precautionary statements

P102 Keep out of reach of children.

P261 Avoid breathing mist/vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....

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

P321 Specific treatment (see on this label).

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

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with national regulations.

- Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

- Hazardous ingredients for labelling

Aldehyde C-16, Linalyl acetate, Geraniol

2.3 Other hazards

This material is combustible, but will not ignite readily.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)








3.2 Mixtures

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Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms |
|-----------------------------|---------------------|----------|---|---|
| 2-t-Butylcyclohexyl Acetate | CAS No 88-41-5 | 5 – < 10 | Aquatic Chronic 2 / H411 |  |
| Aldehyde C-16 | CAS No 77-83-8 | 5 – < 10 | Skin Sens. 1B / H317 Aquatic Chronic 2 / H411 |  |
| Linalyl acetate | CAS No 115-95-7 | 1 – < 5 | Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 |  |
| Hexamethylindanopyran | CAS No 1222-05-5 | 1 – < 5 | Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410 |  |
| Allyl Caproate | CAS No 123-68-2 | 1 – < 5 | Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412 |  |
| Pentyl acetate | CAS No 628-63-7 | 1 – < 5 | Flam. Liq. 3 / H226 |  |
| Ethyl heptanoate | CAS No 106-30-9 | 1 – < 5 | Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412 |  |
| Geraniol | CAS No 106-24-1 | < 1 | Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317 |  |

| Name of substance | Specific Conc. Limits | M-Factors | ATE | Exposure route |
|-------------------|-----------------------|-----------|-------------------------------------|--------------------------------------|
| Allyl Caproate | - | - | 100 mg/kg 820 mg/kg 3 mg/l/4h | oral dermal inhalation: vapour |

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.



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Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.



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6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | Notation | Source |
|---------|----------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------|
| EU | pentyl acetate | 628-63-7 | IOELV | 50 | 270 | 100 | 540 | | | | 2000/39/EC |
| GB | cellulose | 9004-34-6 | WEL | | 10 | | 20 | | | i | EH40/2005 |
| GB | cellulose | 9004-34-6 | WEL | | 4 | | | | | r | EH40/2005 |

Notation

| | |
|-----------|--|
| Ceiling-C | ceiling value is a limit value above which exposure should not occur |
| i | inhalable fraction |
| r | respirable fraction |
| STEL | short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified) |
| TWA | time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified) |

Relevant DNELs of components of the mixture

| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|-------------------|----------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Aldehyde C-16 | 77-83-8 | DNEL | 17.63 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 35.26 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 44.08 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 88.16 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 10 mg/kg bw/day | human, dermal | worker (industry) | acute - systemic effects |
| Linalyl acetate | 115-95-7 | DNEL | 2.75 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |



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Relevant DNELs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|-----------------------|-----------|-----------|---------------------------|------------------------------------|-------------------|----------------------------|
| Linalyl acetate | 115-95-7 | DNEL | 2.5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Linalyl acetate | 115-95-7 | DNEL | 236.2 µg/cm ² | human, dermal | worker (industry) | chronic - local effects |
| Linalyl acetate | 115-95-7 | DNEL | 236.2 µg/cm ² | human, dermal | worker (industry) | acute - local effects |
| Hexamethylindanopyran | 1222-05-5 | DNEL | 13.5 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Hexamethylindanopyran | 1222-05-5 | DNEL | 36.7 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Allyl Caproate | 123-68-2 | DNEL | 15 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Allyl Caproate | 123-68-2 | DNEL | 4.3 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Geraniol | 106-24-1 | DNEL | 161.6 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Geraniol | 106-24-1 | DNEL | 12.5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Geraniol | 106-24-1 | DNEL | 11,800 µg/cm ² | human, dermal | worker (industry) | chronic - local effects |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|-------------------|---------|-----------|-----------------|-------------------|------------------------------|------------------------------|
| Aldehyde C-16 | 77-83-8 | PNEC | 23.3 mg/kg | aquatic organisms | water | short-term (single instance) |
| Aldehyde C-16 | 77-83-8 | PNEC | 0.084 mg/l | aquatic organisms | water | intermittent release |
| Aldehyde C-16 | 77-83-8 | PNEC | 0.008 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Aldehyde C-16 | 77-83-8 | PNEC | 8.4 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Aldehyde C-16 | 77-83-8 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |



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Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|-----------------------|-----------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Aldehyde C-16 | 77-83-8 | PNEC | 0.214 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Aldehyde C-16 | 77-83-8 | PNEC | 0.021 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Aldehyde C-16 | 77-83-8 | PNEC | 0.038 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Linalyl acetate | 115-95-7 | PNEC | 0.11 mg/l | aquatic organisms | water | intermittent release |
| Linalyl acetate | 115-95-7 | PNEC | 0.011 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Linalyl acetate | 115-95-7 | PNEC | 0.001 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Linalyl acetate | 115-95-7 | PNEC | 1 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Linalyl acetate | 115-95-7 | PNEC | 0.609 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Linalyl acetate | 115-95-7 | PNEC | 0.061 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Linalyl acetate | 115-95-7 | PNEC | 0.115 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Hexamethylindanopyran | 1222-05-5 | PNEC | 6.8 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Hexamethylindanopyran | 1222-05-5 | PNEC | 0.44 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Hexamethylindanopyran | 1222-05-5 | PNEC | 1 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Hexamethylindanopyran | 1222-05-5 | PNEC | 2 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Hexamethylindanopyran | 1222-05-5 | PNEC | 0.394 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Hexamethylindanopyran | 1222-05-5 | PNEC | 1.5 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 47.56 mg/kg | aquatic organisms | water | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 1.17 µg/l | aquatic organisms | water | intermittent release |



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| Relevant PNECs of components of the mixture | | | | | | |
|---|----------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
| Allyl Caproate | 123-68-2 | PNEC | 0.117 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 0.012 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 4.46 µg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 0.446 µg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Allyl Caproate | 123-68-2 | PNEC | 0.825 µg/kg | terrestrial organisms | soil | short-term (single instance) |
| Ethyl heptanoate | 106-30-9 | PNEC | 0 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Ethyl heptanoate | 106-30-9 | PNEC | 0 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Ethyl heptanoate | 106-30-9 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Ethyl heptanoate | 106-30-9 | PNEC | 0.029 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Ethyl heptanoate | 106-30-9 | PNEC | 0.003 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Ethyl heptanoate | 106-30-9 | PNEC | 0.006 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Geraniol | 106-24-1 | PNEC | 0.108 mg/l | aquatic organisms | water | intermittent release |
| Geraniol | 106-24-1 | PNEC | 0.011 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Geraniol | 106-24-1 | PNEC | 0.001 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Geraniol | 106-24-1 | PNEC | 0.7 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Geraniol | 106-24-1 | PNEC | 0.115 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Geraniol | 106-24-1 | PNEC | 0.011 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |



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Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|-------------------|----------|-----------|-----------------|-----------------------|---------------------------|------------------------------|
| Geraniol | 106-24-1 | PNEC | 0.017 mg/kg | terrestrial organisms | soil | short-term (single instance) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

- Type of material

PVA: polyvinyl alcohol, Nitrile

- Material thickness

>0.5 mm

- Breakthrough times of the glove material

>120 minutes (permeation: level 4)

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | solid |
| Colour | yellow - black |
| Odour | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | 186.8 °C at 1,013 hPa |
| Flammability | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit | not determined |
| Flash point | 63 °C at 1,013 hPa |
| Auto-ignition temperature | 259 °C |
| Decomposition temperature | not relevant |
| pH (value) | not applicable |
| Kinematic viscosity | not relevant |
| Solubility(ies) | not determined |

Partition coefficient

| | |
|---|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---|-----------------------------------|

| | |
|-----------------|-------------------|
| Vapour pressure | 4.27 hPa at 20 °C |
|-----------------|-------------------|

Density and/or relative density



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| | |
|-------------------------|---|
| Density | not determined |
| Relative vapour density | information on this property is not available |

| | |
|--------------------------|-------------------|
| Particle characteristics | no data available |
|--------------------------|-------------------|

9.2 Other information

| | |
|--|---|
| Information with regard to physical hazard classes | hazard classes acc. to GHS (physical hazards): not relevant |
| Other safety characteristics | there is no additional information |

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture

| Name of substance | CAS No | Exposure route | ATE |
|-------------------|----------|--------------------|-----------|
| Allyl Caproate | 123-68-2 | oral | 100 mg/kg |
| Allyl Caproate | 123-68-2 | dermal | 820 mg/kg |
| Allyl Caproate | 123-68-2 | inhalation: vapour | 3 mg/l/4h |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

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Other information

Repeated exposure may cause skin dryness or cracking.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

| Aquatic toxicity (chronic) of components of the mixture | | | | | |
|---|-----------|----------|------------|-----------------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| Aldehyde C-16 | 77-83-8 | EC50 | 95 mg/l | aquatic invertebrates | 24 h |
| Linalyl acetate | 115-95-7 | LC50 | 11.14 mg/l | fish | 20 h |
| Hexamethylindanopyran | 1222-05-5 | LC50 | >0.14 mg/l | fish | 36 d |
| Hexamethylindanopyran | 1222-05-5 | EC50 | 0.282 mg/l | aquatic invertebrates | 21 d |
| Geraniol | 106-24-1 | EC50 | 70 mg/l | microorganisms | 30 min |

12.2 Persistence and degradability

| Degradability of components of the mixture | | | | | | |
|--|-----------|---------------------------|------------------|------|--------|--------|
| Name of substance | CAS No | Process | Degradation rate | Time | Method | Source |
| Aldehyde C-16 | 77-83-8 | oxygen depletion | 11 % | 5 d | | ECHA |
| Linalyl acetate | 115-95-7 | oxygen depletion | ≥0 – ≤10 % | 1 d | | ECHA |
| Hexamethylindanopyran | 1222-05-5 | carbon dioxide generation | 1 % | 28 d | | ECHA |
| Allyl Caproate | 123-68-2 | oxygen depletion | 19 % | 2 d | | ECHA |
| Ethyl heptanoate | 106-30-9 | oxygen depletion | 74 % | 34 d | | ECHA |
| Geraniol | 106-24-1 | DOC removal | 90 – 100 % | 3 d | | ECHA |



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12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

| Name of substance | CAS No | BCF | Log KOW | BOD5/COD |
|-----------------------|-----------|-------|-----------------------------|----------|
| Aldehyde C-16 | 77-83-8 | | 2.4 (25 °C) | |
| Linalyl acetate | 115-95-7 | 174 | 3.9 (25 °C) | |
| Hexamethylindanopyran | 1222-05-5 | 1,635 | 5.3 (pH value: 7, 25 °C) | |
| Allyl Caproate | 123-68-2 | 59.2 | 3.191 (pH value: ~5, 20 °C) | |
| Ethyl heptanoate | 106-30-9 | | 3.98 (pH value: 7, 35 °C) | |
| Geraniol | 106-24-1 | | 2.6 (25 °C) | |

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Information on this property is not available.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packageings

It is a dangerous waste; only packageings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.



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SECTION 14: Transport information

14.1 UN number or ID number

| | |
|-----------|---------|
| ADR/RID | UN 3077 |
| IMDG-Code | UN 3077 |
| ICAO-TI | UN 3077 |

14.2 UN proper shipping name

| | |
|--|--|
| ADR/RID | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| IMDG-Code | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| ICAO-TI | Environmentally hazardous substance, solid, n.o.s. |
| Technical name (hazardous ingredients) | 2-t-Butylcyclohexyl Acetate, Aldehyde C-16 |

14.3 Transport hazard class(es)

| | |
|-----------|---|
| ADR/RID | 9 |
| IMDG-Code | 9 |
| ICAO-TI | 9 |

14.4 Packing group

| | |
|-----------|-----|
| ADR/RID | III |
| IMDG-Code | III |
| ICAO-TI | III |

14.5 Environmental hazards

| | |
|---|--|
| | hazardous to the aquatic environment |
| Environmentally hazardous substance (aquatic environment) | 2-t-Butylcyclohexyl Acetate, Aldehyde C-16 |

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Not regulated when carried in single or combination packaging containing a net quantity of 5L or less or 5 kg or less per the following:

DOT: 171.4(2)

ADR: SP 375

IMDG: 2.10.2.7



IATA: special provision A197, DOT

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Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) - Additional information

| | |
|---|---|
| Particulars in the transport document | UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains: 2-t-Butylcyclohexyl Acetate, Aldehyde C-16), 9, III, (-) |
| Classification code | M7 |
| Danger label(s) | 9, fish and tree |
|   | |
| Environmental hazards | yes (hazardous to the aquatic environment) |
| Special provisions (SP) | 274, 335, 375, 601 |
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 kg |
| Transport category (TC) | 3 |
| Tunnel restriction code (TRC) | - |
| Hazard identification No | 90 |
| Emergency Action Code | 2Z |

Regulations concerning the International Carriage of Dangerous Goods by Rail (RID) - Additional information

| | |
|---|--------------------------|
| Classification code | M7 |
| Danger label(s) | 9, fish and tree |
|   | |
| Environmental hazards | yes (hazardous to water) |
| Special provisions (SP) | 274, 335, 375, 601 |
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 kg |
| Transport category (TC) | 3 |
| Hazard identification No | 90 |

International Maritime Dangerous Goods Code (IMDG) - Additional information

| | |
|--|--|
| Particulars in the shipper's declaration | UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains: 2-t-Butylcyclohexyl Acetate, Aldehyde C-16), 9, III |
| Marine pollutant | yes (hazardous to the aquatic environment) (2-t-Butylcyclohexyl Acetate) |

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Danger label(s) 9, fish and tree



Special provisions (SP) 274, 335, 966, 967, 969

Excepted quantities (EQ) E1

Limited quantities (LQ) 5 kg

EmS F-A, S-F

Stowage category A

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Particulars in the shipper's declaration UN3077, Environmentally hazardous substance, solid, n.o.s., (contains: 2-t-Butylcyclohexyl Acetate, Aldehyde C-16), 9, III

Environmental hazards YES (hazardous to the aquatic environment)

Danger label(s) 9, fish and tree



Special provisions (SP) A97, A158, A179, A197, A215

Excepted quantities (EQ) E1

Limited quantities (LQ) 30 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Water Framework Directive (WFD)



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List of pollutants (WFD)

| Name of substance | CAS No | Listed in | Remarks |
|-----------------------|--------|-----------|---------|
| Hexamethylindanopyran | | a) | |

Legend

A) Indicative list of the main pollutants

Regulation on the marketing and use of explosives precursors

none of the ingredients are listed

Regulation on drug precursors

none of the ingredients are listed

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

none of the ingredients are listed

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)

| Name of substance | Name acc. to inventory | CAS No | No |
|-----------------------------|--|--------|----|
| Allyl Caproate | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| 2-t-Butylcyclohexyl Acetate | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| Linalyl acetate | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| Hexamethylindanopyran | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| Aldehyde C-16 | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| Pentyl acetate | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| Pentyl acetate | flammable / pyrophoric | | 40 |



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Dangerous substances with restrictions (GB REACH, Annex 17)

| Name of substance | Name acc. to inventory | CAS No | No |
|-------------------|--|--------|----|
| Geraniol | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |
| Ethyl heptanoate | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |

National inventories

| Country | Inventory | Status |
|---------|------------|--------------------------------|
| AU | AIIC | all ingredients are listed |
| CA | DSL | all ingredients are listed |
| CN | IECSC | all ingredients are listed |
| EU | ECSI | all ingredients are listed |
| EU | REACH Reg. | not all ingredients are listed |
| JP | CSCL-ENCS | not all ingredients are listed |
| JP | ISHA-ENCS | not all ingredients are listed |
| KR | KECI | all ingredients are listed |
| MX | INSQ | not all ingredients are listed |
| NZ | NZIoC | all ingredients are listed |
| PH | PICCS | all ingredients are listed |
| TR | CICR | not all ingredients are listed |
| TW | TCSI | all ingredients are listed |
| US | TSCA | all ingredients are listed |

Legend

| | |
|------------|---|
| AIIC | Australian Inventory of Industrial Chemicals |
| CICR | Chemical Inventory and Control Regulation |
| CSCL-ENCS | List of Existing and New Chemical Substances (CSCL-ENCS) |
| DSL | Domestic Substances List (DSL) |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP) |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ | National Inventory of Chemical Substances |
| ISHA-ENCS | Inventory of Existing and New Chemical Substances (ISHA-ENCS) |
| KECI | Korea Existing Chemicals Inventory |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| REACH Reg. | REACH registered substances |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substance Control Act |



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15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|--|---|-----------------|
| 2.1 | Classification according to Regulation (EC) No 1272/2008 (CLP): This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC. | Classification acc. to GHS | yes |
| 2.1 | | Classification acc. to GHS: change in the listing (table) | yes |
| 2.1 | | The most important adverse physicochemical, human health and environmental effects: Spillage and fire water can cause pollution of watercourses. | yes |
| 2.2 | - Signal word: not required | - Signal word: warning | yes |
| 2.2 | - Pictograms: not required | - Pictograms | yes |
| 2.2 | | - Pictograms: change in the listing (table) | yes |
| 2.2 | | - Hazard statements: change in the listing (table) | yes |
| 2.2 | | - Precautionary statements: change in the listing (table) | yes |
| 2.2 | | - Supplemental hazard information: change in the listing (table) | yes |
| 2.2 | | - Hazardous ingredients for labelling: Aldehyde C-16, Linalyl acetate, Geraniol | yes |
| 2.3 | Other hazards: of no significance | Other hazards: This material is combustible, but will not ignite readily. | yes |
| 3.2 | | Description of the mixture: change in the listing (table) | yes |
| 3.2 | | Description of the mixture: change in the listing (table) | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---|--|-----------------|
| 5.2 | Hazardous combustion products: Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2) | Hazardous combustion products: Carbon monoxide (CO), Carbon dioxide (CO2) | yes |
| 6.2 | Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. | Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority. | yes |
| 7.2 | | - Packaging compatibilities: Only packagings which are approved (e.g. acc. to ADR) may be used. | yes |
| 8.1 | | Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table) | yes |
| 8.1 | | Relevant DNELs of components of the mixture: change in the listing (table) | yes |
| 8.1 | | Relevant PNECs of components of the mixture: change in the listing (table) | yes |
| 8.2 | Hand protection: Wear protective gloves. | Hand protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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. | yes |
| 9.1 | Boiling point or initial boiling point and boiling range: 196.2 °C at 101.3 kPa | Boiling point or initial boiling point and boiling range: 186.8 °C at 1,013 hPa | yes |
| 9.1 | Flash point: 96 °C at 1,013 hPa | Flash point: 63 °C at 1,013 hPa | yes |
| 9.1 | Auto-ignition temperature: not determined | Auto-ignition temperature: 259 °C | yes |
| 9.1 | Vapour pressure: 23.5 Pa at 25 °C | Vapour pressure: 4.27 hPa at 20 °C | yes |
| 10.2 | Chemical stability: The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. | Chemical stability: See below "Conditions to avoid". | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|--|---|-----------------|
| 11.1 | Classification according to GHS (1272/2008/EC, CLP): This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC. | Classification acc. to GHS | yes |
| 11.1 | | Acute toxicity estimate (ATE) of components of the mixture: change in the listing (table) | yes |
| 11.1 | Respiratory or skin sensitisation: Contains Aldehyde C-16. May produce an allergic reaction. | Respiratory or skin sensitisation: May cause an allergic skin reaction. | yes |
| 11.1 | | Other information: Repeated exposure may cause skin dryness or cracking. | yes |
| 12.1 | Toxicity: Shall not be classified as hazardous to the aquatic environment. | Toxicity: Toxic to aquatic life with long lasting effects. | yes |
| 12.1 | | Aquatic toxicity (chronic) of components of the mixture: change in the listing (table) | yes |
| 12.2 | Persistence and degradability: Data are not available. | Persistence and degradability | yes |
| 12.2 | | Degradability of components of the mixture: change in the listing (table) | yes |
| 12.3 | | Bioaccumulative potential of components of the mixture: change in the listing (table) | yes |
| 13.1 | Waste treatment of containers/packagings: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. | Waste treatment of containers/packagings: It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. | yes |
| 14.1 | UN number or ID number: not subject to transport regulations | UN number or ID number | yes |
| 14.1 | | ADR/RID: UN 3077 | yes |
| 14.1 | | IMDG-Code: UN 3077 | yes |
| 14.1 | | ICAO-TI: UN 3077 | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|--|--|-----------------|
| 14.2 | UN proper shipping name: not relevant | UN proper shipping name | yes |
| 14.2 | | ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. | yes |
| 14.2 | | IMDG-Code: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. | yes |
| 14.2 | | ICAO-TI: Environmentally hazardous substance, solid, n.o.s. | yes |
| 14.2 | | Technical name (hazardous ingredients): 2-t-Butylcyclohexyl Acetate, Aldehyde C-16 | yes |
| 14.3 | Transport hazard class(es): none | Transport hazard class(es) | yes |
| 14.3 | | ADR/RID: 9 | yes |
| 14.3 | | IMDG-Code: 9 | yes |
| 14.3 | | ICAO-TI: 9 | yes |
| 14.4 | Packing group: not assigned | Packing group | yes |
| 14.4 | | ADR/RID: III | yes |
| 14.4 | | IMDG-Code: III | yes |
| 14.4 | | ICAO-TI: III | yes |
| 14.5 | Environmental hazards: non-environmentally hazardous acc. to the dan- gerous goods regulations | Environmental hazards: hazardous to the aquatic environment | yes |
| 14.5 | | Environmentally hazardous substance (aquatic environment): 2-t-Butylcyclohexyl Acetate, Aldehyde C-16 | yes |
| 14.6 | Special precautions for user: There is no additional information. | Special precautions for user: Provisions for dangerous goods (ADR) should be complied within the premises. | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|--|--|-----------------|
| 14.7 | Information for each of the UN Model Regulations: DOT | Information for each of the UN Model Regulations: Not regulated when carried in single or combination packaging containing a net quantity of 5L or less or 5 kg or less per the following: DOT: 171.4(2) ADR: SP 375 IMDG: 2.10.2.7 IATA: special provision A197, DOT | yes |
| 14.7 | Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information: Not subject to ADR, RID and ADN. | Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) - Additional information | yes |
| 14.7 | | Particulars in the transport document: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains: 2-t-Butylcyclohexyl Acetate, Aldehyde C-16), 9, III, (-) | yes |
| 14.7 | | Classification code: M7 | yes |
| 14.7 | | Danger label(s): 9, fish and tree | yes |
| 14.7 | | Danger label(s): change in the listing (table) | yes |
| 14.7 | | Environmental hazards: yes (hazardous to the aquatic environment) | yes |
| 14.7 | | Special provisions (SP): 274, 335, 375, 601 | yes |
| 14.7 | | Excepted quantities (EQ): E1 | yes |
| 14.7 | | Limited quantities (LQ): 5 kg | yes |
| 14.7 | | Transport category (TC): 3 | yes |
| 14.7 | | Tunnel restriction code (TRC): - | yes |
| 14.7 | | Hazard identification No: 90 | yes |
| 14.7 | | Emergency Action Code: 2Z | yes |
| 14.7 | | Regulations concerning the International Carriage of Dangerous Goods by Rail (RID) - Additional information | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|--|---|-----------------|
| 14.7 | | Classification code: M7 | yes |
| 14.7 | | Danger label(s): 9, fish and tree | yes |
| 14.7 | | Danger label(s): change in the listing (table) | yes |
| 14.7 | | Environmental hazards: yes (hazardous to water) | yes |
| 14.7 | | Special provisions (SP): 274, 335, 375, 601 | yes |
| 14.7 | | Excepted quantities (EQ): E1 | yes |
| 14.7 | | Limited quantities (LQ): 5 kg | yes |
| 14.7 | | Transport category (TC): 3 | yes |
| 14.7 | | Hazard identification No: 90 | yes |
| 14.7 | International Maritime Dangerous Goods Code (IMDG) - Additional information: Not subject to IMDG. | International Maritime Dangerous Goods Code (IMDG) - Additional information | yes |
| 14.7 | | Particulars in the shipper's declaration: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains: 2-t-Butylcyclohexyl Acetate, Aldehyde C-16), 9, III | yes |
| 14.7 | | Marine pollutant: yes (hazardous to the aquatic environment) (2-t-Butylcyclohexyl Acetate) | yes |
| 14.7 | | Danger label(s): 9, fish and tree | yes |
| 14.7 | | Danger label(s): change in the listing (table) | yes |
| 14.7 | | Special provisions (SP): 274, 335, 966, 967, 969 | yes |
| 14.7 | | Excepted quantities (EQ): E1 | yes |
| 14.7 | | Limited quantities (LQ): 5 kg | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---|---|-----------------|
| 14.7 | | EmS: F-A, S-F | yes |
| 14.7 | | Stowage category: A | yes |
| 14.7 | International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information: Not subject to ICAO-IATA. | International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information | yes |
| 14.7 | | Particulars in the shipper's declaration: UN3077, Environmentally hazardous substance, solid, n.o.s., (contains: 2-t-Butylcyclohexyl Acetate, Aldehyde C-16), 9, III | yes |
| 14.7 | | Environmental hazards: yes (hazardous to the aquatic environment) | yes |
| 14.7 | | Danger label(s): 9, fish and tree | yes |
| 14.7 | | Danger label(s): change in the listing (table) | yes |
| 14.7 | | Special provisions (SP): A97, A158, A179, A197, A215 | yes |
| 14.7 | | Excepted quantities (EQ): E1 | yes |
| 14.7 | | Limited quantities (LQ): 30 kg | yes |
| 15.1 | Restrictions according to REACH, Annex XVII | | yes |
| 15.1 | | Dangerous substances with restrictions (REACH, Annex XVII): change in the listing (table) | yes |
| 15.1 | List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list: none of the ingredients are listed | | yes |
| 15.1 | | Water Framework Directive (WFD) | yes |
| 15.1 | | List of pollutants (WFD): change in the listing (table) | yes |
| 15.1 | | National regulations (GB) | yes |
| 15.1 | | List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list: none of the ingredients are listed | yes |
| 15.1 | | Restrictions according to GB REACH, Annex 17 | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---------------------------|---|-----------------|
| 15.1 | | Dangerous substances with restrictions (GB REACH, Annex 17): change in the listing (table) | yes |
| 15.1 | | National inventories: change in the listing (table) | yes |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------------|---|
| 2000/39/EC | Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC |
| Acute Tox. | Acute toxicity |
| ADR | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road) |
| Aquatic Acute | Hazardous to the aquatic environment - acute hazard |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BOD | Biochemical Oxygen Demand |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value |
| COD | Chemical oxygen demand |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DNEL | Derived No-Effect Level |
| DOT | Department of Transportation (USA) |
| EC50 | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval |
| EH40/2005 | EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| Eye Dam. | Seriously damaging to the eye |



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| Abbr. | Descriptions of used abbreviations |
|-------------|---|
| Eye Irrit. | Irritant to the eye |
| Flam. Liq. | Flammable liquid |
| GB REACH | The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended) |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| ICAO-TI | Technical instructions for the safe transport of dangerous goods by air |
| IMDG | International Maritime Dangerous Goods Code |
| IMDG-Code | International Maritime Dangerous Goods Code |
| IOELV | Indicative occupational exposure limit value |
| LC50 | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval |
| log KOW | n-Octanol/water |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr. | Corrosive to skin |
| Skin Irrit. | Irritant to skin |
| Skin Sens. | Skin sensitisation |
| STEL | Short-term exposure limit |
| TWA | Time-weighted average |
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |



Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

California Scents Palms Tropical Colada

Version number: GHS 7.0
Replaces version of: 2021-11-22 (GHS 6)

Revision: 2022-07-15

Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text |
|------|---|
| H226 | Flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H311 | Toxic 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. |
| H331 | Toxic if inhaled. |
| 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. |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.