# Safety Data Sheet

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

# California Scents Car Scents Coronado Cherry

Version number: GHS 1.1 Date of compilation: 2020-12-15

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

### 1.1 Product identifier

Trade name **California Scents Car Scents Coronado Cherry**

Registration number (REACH) not relevant (mixture)

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

Relevant identified uses Consumer use: Air Freshener

### 1.3 Details of the supplier of the safety data sheet

Energizer Manufacturing, Inc.
25225 Detroit Rd.
Westlake OH 44145
United States

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)
Website: http://data.energizer.com

Energizer Trading Ltd.
Sword House, Totteridge Road, High Wycombe, HP13 6DG, UK

Telephone: +44(0)8000353376
e-mail: ConsumerServiceEU@energizer.com

### 1.4 Emergency telephone number

Emergency information service 1-314-985-1511 Int'l: 1-800-526-4727
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 according to Regulation (EC) No 1272/2008 (CLP)

| Section | Hazard class | Category | Hazard class and category | Hazard state-ment |
|---|---|---|---|---|
| 3.3 | serious eye damage/eye irritation | 2 | Eye Irrit. 2 | H319 |
| 3.4S | skin sensitisation | 1 | Skin Sens. 1 | H317 |
| 4.1C | hazardous to the aquatic environment - chronic hazard | 3 | Aquatic Chronic 3 | H412 |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

## 2.2 Label elements

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

- Signal word warning

- Pictograms

GHS07

- Hazard statements

| | |
|---|---|
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

- Precautionary statements

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P302+P352 | IF ON SKIN: Wash with plenty of 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. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P501 | Dispose of contents/container in accordance with national regulations. |

2.2.1.7 - Hazardous ingredients for labelling Aldehyde C-16, Piperonal

Labelling of packages where the contents do not exceed 125 ml

- Signal word warning

- Hazard pictogram(s)

Warning. GHS07

- Hazard statements

H317 May cause an allergic skin reaction.

- Hazard statements

| | |
|---|---|
| H412 | Harmful to aquatic life with long lasting effects. |

- Precautionary statements

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P501 | Dispose of contents/container in accordance with national regulations. |

- Contains Aldehyde C-16, Piperonal

### 2.3 Other hazards

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

| Name of substance | CAS No | Wt% | Classification acc. to GHS | Pictograms |
|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | 25 – < 50 | Acute Tox. 4 / H302 |  |
| Benzyl acetate | 140-11-4 | 5 – < 10 | Aquatic Chronic 3 / H412 | |
| Vanillin | 121-33-5 | 5 – < 10 | Eye Irrit. 2 / H319 |  |
| Aldehyde C-16 | 77-83-8 | 5 – < 10 | Skin Sens. 1B / H317<br>Aquatic Chronic 2 / H411 |  |
| Methyl anthranilate | 134-20-3 | 1 – < 5 | Eye Irrit. 2 / H319 |  |
| Ethyl butyrate | 105-54-4 | 1 – < 5 | Flam. Liq. 3 / H226<br>Eye Irrit. 2 / H319 |  |
| Methyl Benzaldehyde | 104-87-0 | 1 – < 5 | Acute Tox. 4 / H302 |  |
| Methyl Ionone | 127-42-4 | 1 – < 5 | Aquatic Chronic 2 / H411 |  |

| Name of substance | CAS No | Wt% | Classification acc. to GHS | Pictograms |
|---|---|---|---|---|
| Piperonal | 120-57-0 | < 1 | Skin Sens. 1B / H317 |  |

| Name of substance | CAS No | Specific Conc. Limits | M-Factors | ATE | Exposure route |
|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | | | 1,430 $^{mg}/_{kg}$ | oral |
| Methyl Benzaldehyde | 104-87-0 | | | 1,000 $^{mg}/_{kg}$ | oral |

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.

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

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx), 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.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

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.

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## 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.

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

### 7.3 Specific end use(s)

See section 16 for a general overview.

## 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/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation | Source |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | End-point | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|---|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | DNEL | 9.8 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |

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 |
|---|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | DNEL | 9.8 mg/m³ | human, inhalatory | worker (industry) | chronic - local effects |
| Benzaldehyde | 100-52-7 | DNEL | 1.14 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 2.45 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Aldehyde C-16 | 77-83-8 | DNEL | 0.7 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Benzyl acetate | 140-11-4 | DNEL | 12.5 mg/kg | human, dermal | worker (industry) | acute - systemic effects |
| Benzyl acetate | 140-11-4 | DNEL | 43.8 mg/m³ | human, inhalatory | worker (industry) | acute - systemic effects |
| Benzyl acetate | 140-11-4 | DNEL | 9 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Benzyl acetate | 140-11-4 | DNEL | 2.5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Methyl anthranilate | 134-20-3 | DNEL | 49.3 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Methyl anthranilate | 134-20-3 | DNEL | 14 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Ethyl butyrate | 105-54-4 | DNEL | 49.3 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Ethyl butyrate | 105-54-4 | DNEL | 2.33 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Piperonal | 120-57-0 | DNEL | 17.6 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Piperonal | 120-57-0 | DNEL | 2.5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|---|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | PNEC | 0.011 mg/l | aquatic organisms | water | intermittent release |
| Benzaldehyde | 100-52-7 | PNEC | 0 mg/l | aquatic organisms | freshwater | 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 |
|---|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | PNEC | 0 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Benzaldehyde | 100-52-7 | PNEC | 7.59 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Benzaldehyde | 100-52-7 | PNEC | 0.004 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Benzaldehyde | 100-52-7 | PNEC | 0 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Benzaldehyde | 100-52-7 | PNEC | 0.001 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| 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) |
| 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) |
| Vanillin | 121-33-5 | PNEC | 0.118 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Vanillin | 121-33-5 | PNEC | 0.012 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Vanillin | 121-33-5 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Vanillin | 121-33-5 | PNEC | 58.22 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Vanillin | 121-33-5 | PNEC | 5.822 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 |
|---|---|---|---|---|---|---|
| Vanillin | 121-33-5 | PNEC | 11.54 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Benzyl acetate | 140-11-4 | PNEC | 0.04 mg/l | aquatic organisms | water | intermittent release |
| Benzyl acetate | 140-11-4 | PNEC | 0.018 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Benzyl acetate | 140-11-4 | PNEC | 0.002 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Benzyl acetate | 140-11-4 | PNEC | 8.55 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Benzyl acetate | 140-11-4 | PNEC | 0.526 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Benzyl acetate | 140-11-4 | PNEC | 0.053 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Benzyl acetate | 140-11-4 | PNEC | 0.094 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Methyl anthranilate | 134-20-3 | PNEC | 87.2 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Methyl anthranilate | 134-20-3 | PNEC | 8.72 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Methyl anthranilate | 134-20-3 | PNEC | 0.968 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Methyl anthranilate | 134-20-3 | PNEC | 96.8 µg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Methyl anthranilate | 134-20-3 | PNEC | 0.142 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Ethyl butyrate | 105-54-4 | PNEC | 29.7 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Ethyl butyrate | 105-54-4 | PNEC | 2.97 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Ethyl butyrate | 105-54-4 | PNEC | 23.6 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Ethyl butyrate | 105-54-4 | PNEC | 0.173 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Ethyl butyrate | 105-54-4 | PNEC | 17.3 µg/kg | aquatic organisms | marine sediment | short-term (single instance) |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|---|---|---|---|---|---|---|
| Ethyl butyrate | 105-54-4 | PNEC | 17.1 µg/kg | terrestrial organisms | soil | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 2.5 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 0.25 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 11.9 µg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 1.2 µg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 0.84 µg/kg | terrestrial organisms | soil | short-term (single instance) |
| Piperonal | 120-57-0 | PNEC | 25 µg/l | aquatic organisms | water | intermittent release |

## 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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | liquid |
| Colour | acc. to product description |
| Odour | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | 121 °C at 972.4 hPa |
| Flammability | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit | not determined |
| Flash point | >94 °C |
| Auto-ignition temperature | 192 °C |
| Decomposition temperature | not relevant |
| pH (value) | not determined |
| Kinematic viscosity | not determined |
| Solubility(ies) | not determined |

Partition coefficient

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

| | |
|---|---|
| Vapour pressure | 1,750 Pa at 20 °C |

Density and/or relative density

| | |
|---|---|
| Density | not determined |
| Vapour density | this information is not available |
| Relative vapour density | Information on this property is not available<br>not relevant (liquid) |

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

### 9.2 Other information

| | |
|---|---|
| Information with regard to physical hazard classes | hazard classes acc. to GHS (physical hazards): |

Other safety characteristics

| | |
|---|---|
| Temperature class (EU, acc. to ATEX) | T4 (maximum permissible surface temperature on the equipment: 135°C) |

## 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.

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

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 according to GHS (1272/2008/EC, CLP)**

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed or in contact with skin.

Acute toxicity estimate (ATE) of components of the mixture

| Name of substance | CAS No | Exposure route | ATE |
|---|---|---|---|
| Benzaldehyde | 100-52-7 | oral | 1,430 $^{mg}/_{kg}$ |
| Methyl Benzaldehyde | 104-87-0 | oral | 1,000 $^{mg}/_{kg}$ |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

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.

### 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful 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 |
|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | EC50 | 50 $^{mg}/_{l}$ | aquatic invertebrates | 24 h |
| Benzaldehyde | 100-52-7 | LOEC | 0.9 $^{mg}/_{l}$ | fish | 7 d |
| Benzaldehyde | 100-52-7 | NOEC | 0.22 $^{mg}/_{l}$ | fish | 7 d |
| Aldehyde C-16 | 77-83-8 | EC50 | 95 $^{mg}/_{l}$ | aquatic invertebrates | 24 h |
| Aldehyde C-16 | 77-83-8 | growth (EbCx) 10% | 80 $^{mg}/_{l}$ | aquatic invertebrates | 24 h |
| Vanillin | 121-33-5 | EC50 | 24 $^{mg}/_{l}$ | aquatic invertebrates | 21 d |
| Vanillin | 121-33-5 | LOEC | 18 $^{mg}/_{l}$ | aquatic invertebrates | 21 d |
| Vanillin | 121-33-5 | NOEC | 10 $^{mg}/_{l}$ | aquatic invertebrates | 21 d |
| Benzyl acetate | 140-11-4 | EC50 | 855 $^{mg}/_{l}$ | microorganisms | 3 h |
| Benzyl acetate | 140-11-4 | NOEC | 0.92 $^{mg}/_{l}$ | fish | 28 d |
| Ethyl butyrate | 105-54-4 | NOEC | 1.483 $^{mg}/_{l}$ | fish | 28 d |
| Piperonal | 120-57-0 | LC50 | 1.6 $^{mg}/_{l}$ | fish | 24 h |
| Piperonal | 120-57-0 | EC50 | 82 $^{mg}/_{l}$ | aquatic invertebrates | 24 h |

### 12.2 Persistence and degradability

Degradability of components of the mixture

| Name of substance | CAS No | Process | Degradation rate | Time | Method | Source |
|---|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | DOC removal | 100 % | 19 d | | ECHA |
| Benzaldehyde | 100-52-7 | oxygen depletion | >60 % | 28 d | | ECHA |

Degradability of components of the mixture

| Name of substance | CAS No | Process | Degradation rate | Time | Method | Source |
|---|---|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | carbon dioxide generation | 95 % | 28 d | | ECHA |
| Aldehyde C-16 | 77-83-8 | oxygen depletion | 11 % | 5 d | | ECHA |
| Benzyl acetate | 140-11-4 | carbon dioxide generation | 100.9 % | 28 d | | ECHA |
| Methyl Benzaldehyde | 104-87-0 | oxygen depletion | 97 % | 28 d | | ECHA |
| Methyl anthranilate | 134-20-3 | oxygen depletion | 100 % | 20 d | | ECHA |
| Ethyl butyrate | 105-54-4 | oxygen depletion | 50 % | 42 d | | ECHA |
| Piperonal | 120-57-0 | oxygen depletion | 29 % | 2 d | | ECHA |

## 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 |
|---|---|---|---|---|
| Benzaldehyde | 100-52-7 | | 1.4 (25 °C) | |
| Aldehyde C-16 | 77-83-8 | | 2.4 (25 °C) | |
| Vanillin | 121-33-5 | | 1.29 – 1.33 | |
| Benzyl acetate | 140-11-4 | 8 | 1.96 (pH value: 7, 25 °C) | |
| Methyl Benzaldehyde | 104-87-0 | | 2.25 | |
| Methyl anthranilate | 134-20-3 | 6.7 | 1.88 (pH value: 7, 20 °C) | |
| Ethyl butyrate | 105-54-4 | 8 | 2.433 (pH value: 6.68, 25 °C) | |
| Piperonal | 120-57-0 | | 1.2 (35 °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

None of the ingredients are listed.

### 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/packagings

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.

## SECTION 14: Transport information

| | | |
|---|---|---|
| **14.1** | **UN number** | not subject to transport regulations |
| **14.2** | **UN proper shipping name** | not assigned |
| **14.3** | **Transport hazard class(es)** | none |
| **14.4** | **Packing group** | not assigned |
| **14.5** | **Environmental hazards** | non-environmentally hazardous acc. to the dangerous goods regulations |

### 14.6 Special precautions for user

There is no additional information.

### 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**

DOT

**Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information**

not assigned

**International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

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

Not subject to ICAO-IATA.

## 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)

### Restrictions according to REACH, Annex XVII

Dangerous substances with restrictions (REACH, Annex XVII)

| Name of substance | Name acc. to inventory | CAS No | Restriction | No |
|---|---|---|---|---|
| California Scents Car Scents Coronado Cherry | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | R3 | 3 |
| Ethyl butyrate | flammable / pyrophoric | | R40 | 40 |

Legend

R3

1. Shall not be used in:
- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
2. Articles not complying with paragraph 1 shall not be placed on the market.
3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
- can be used as fuel in decorative oil lamps for supply to the general public, and,
- present an aspiration hazard and are labelled with R65 or H304,
4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
(a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage';
(b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage';
(c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.
7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.

Legend

R40 1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- 'whoopee' cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
'For professional users only'.
3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

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

none of the ingredients are listed

## Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

none of the ingredients are listed

## Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

## Water Framework Directive (WFD)

none of the ingredients are listed

## National inventories

| Country | Inventory | Status |
|---|---|---|
| AU | AICS | 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 |

| Country | Inventory | Status |
|---|---|---|
| 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

| | |
|---|---|
| AICS | Australian Inventory of Chemical Substances |
| 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 |

### 15.2 Chemical Safety Assessment

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

## SECTION 16: Other information

### Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|---|---|
| Acute Tox. | Acute toxicity |
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| 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 |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |

# California Scents Car Scents Coronado Cherry



| Abbr. | Descriptions of used abbreviations |
|---|---|
| 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 |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| Flam. Liq. | Flammable liquid |
| 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 |
| IMDG | International Maritime Dangerous Goods Code |
| LC50 | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval |
| LOEC | Lowest Observed Effect Concentration |
| log KOW | n-Octanol/water |
| NLP | No-Longer Polymer |
| NOEC | No Observed Effect Concentration |
| 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 Sens. | Skin sensitisation |
| STEL | Short-term exposure limit |

| Abbr. | Descriptions of used abbreviations |
|---|---|
| SVHC | Substance of Very High Concern |
| TWA | Time-weighted average |
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

## Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). 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 chapter 2 and 3)

| Code | Text |
|---|---|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| 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.