



Safety Data Sheet

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

California Scents Car Scents Malibu Melon

Version number: GHS 3.0
Replaces version of: 2020-12-15 (GHS 2)

Revision: 2022-06-08

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

1.1 Product identifier

Trade name **California Scents Car Scents Malibu Melon**
Alternative number(s) 091400039820, 7638900435085, 7638900850499

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 | 3 | Aquatic Chronic 3 | H412 |

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



- Hazard statements

H317

May cause an allergic skin reaction.

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.

- Hazardous ingredients for labelling

Aldehyde C-16, Aurantiol, Melonal

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






Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms |
|--------------------------------|----------------------|----------|--|---|
| α,α-dimethylphenethyl butyrate | CAS No 10094-34-5 | 5 - < 10 | Skin Irrit. 2 / H315 Aquatic Chronic 3 / H412 |  |
| Aldehyde C-16 | CAS No 77-83-8 | 5 - < 10 | Skin Sens. 1B / H317 Aquatic Chronic 2 / H411 |   |
| Aldehyde C-14 | CAS No 104-67-6 | 1 - < 5 | Aquatic Chronic 3 / H412 | |

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| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms |
|-------------------|--------------------|--------|---|---|
| Diethyl malonate | CAS No 105-53-3 | 1 - <5 | Eye Irrit. 2 / H319 |  |
| 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 |  |
| Allyl heptanoate | CAS No 142-19-8 | < 1 | Acute Tox. 3 / H301 Acute Tox. 3 / H311 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412 |  |
| Aurantiol | CAS No 89-43-0 | < 1 | Eye Irrit. 2 / H319 Skin Sens. 1 / H317 |  |
| Melonal | CAS No 106-72-9 | < 1 | Skin Sens. 1B / 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 |
| Allyl heptanoate | - | - | 218 mg/kg 810 mg/kg | oral dermal |

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.



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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 spray, BC-powder, Carbon dioxide (CO₂)

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.

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



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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.

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/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | 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

i

r

STEL

ceiling value is a limit value above which exposure should not occur

inhalable fraction

respirable fraction

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)



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Notation

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 |
| α,α-dimethylphenethyl butyrate | 10094-34-5 | DNEL | 12.7 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| α,α-dimethylphenethyl butyrate | 10094-34-5 | DNEL | 3.6 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| 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 |
| Aldehyde C-14 | 104-67-6 | DNEL | 5.38 mg/kg | human, dermal | worker (industry) | chronic - systemic effects |
| Aldehyde C-14 | 104-67-6 | DNEL | 19 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Diethyl malonate | 105-53-3 | DNEL | 8.468 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Diethyl malonate | 105-53-3 | DNEL | 1.213 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 |
| Allyl heptanoate | 142-19-8 | DNEL | 2.97 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Allyl heptanoate | 142-19-8 | DNEL | 0.84 mg/kg bw/day | human, dermal | 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 |
|-------------------|----------|-----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Melonal | 106-72-9 | DNEL | 7.05 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Melonal | 106-72-9 | DNEL | 21.16 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| Melonal | 106-72-9 | DNEL | 17.63 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| Melonal | 106-72-9 | DNEL | 52.89 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| Melonal | 106-72-9 | DNEL | 2 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| Melonal | 106-72-9 | DNEL | 170 mg/kg bw/day | human, dermal | worker (industry) | acute - systemic effects |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|--------------------------------|------------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| α,α-dimethylphenethyl butyrate | 10094-34-5 | PNEC | 4.766 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| α,α-dimethylphenethyl butyrate | 10094-34-5 | PNEC | 31.25 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| α,α-dimethylphenethyl butyrate | 10094-34-5 | PNEC | 0.189 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| α,α-dimethylphenethyl butyrate | 10094-34-5 | PNEC | 0.103 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) |



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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) |
| Aldehyde C-14 | 104-67-6 | PNEC | 66.7 mg/kg | aquatic organisms | water | short-term (single instance) |
| Aldehyde C-14 | 104-67-6 | PNEC | 0.0585 mg/l | aquatic organisms | water | intermittent release |
| Aldehyde C-14 | 104-67-6 | PNEC | 84 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Aldehyde C-14 | 104-67-6 | PNEC | 8.4 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Aldehyde C-14 | 104-67-6 | PNEC | 80 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Aldehyde C-14 | 104-67-6 | PNEC | 5.341 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Aldehyde C-14 | 104-67-6 | PNEC | 0.534 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Aldehyde C-14 | 104-67-6 | PNEC | 1.019 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Diethyl malonate | 105-53-3 | PNEC | 11.8 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Diethyl malonate | 105-53-3 | PNEC | 1.18 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Diethyl malonate | 105-53-3 | PNEC | 0.108 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Diethyl malonate | 105-53-3 | PNEC | 4.62 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Diethyl malonate | 105-53-3 | PNEC | 0.924 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Diethyl malonate | 105-53-3 | PNEC | 8.557 µg/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) |



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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 | 1.17 µg/l | aquatic organisms | water | intermittent release |
| 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) |
| Allyl heptanoate | 142-19-8 | PNEC | 51.78 mg/kg | aquatic organisms | water | short-term (single instance) |
| Allyl heptanoate | 142-19-8 | PNEC | 1.2 µg/l | aquatic organisms | water | intermittent release |
| Allyl heptanoate | 142-19-8 | PNEC | 0.12 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Allyl heptanoate | 142-19-8 | PNEC | 0.012 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Allyl heptanoate | 142-19-8 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Allyl heptanoate | 142-19-8 | PNEC | 0.012 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Allyl heptanoate | 142-19-8 | PNEC | 0.001 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Allyl heptanoate | 142-19-8 | PNEC | 0.002 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Melonal | 106-72-9 | PNEC | 0.002 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Melonal | 106-72-9 | PNEC | 0 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Melonal | 106-72-9 | 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 |
| Melonal | 106-72-9 | PNEC | 0.045 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Melonal | 106-72-9 | PNEC | 0.004 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Melonal | 106-72-9 | PNEC | 0.021 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 | liquid |
| Colour | light green |
| Odour | fruity |
| 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 | 90 °C |
| Auto-ignition temperature | 470 °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 | 8.5 kPa at 25 °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 | not relevant (liquid) |
|--------------------------|-----------------------|

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.

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.

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).



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Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

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

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 |
| Allyl heptanoate | 142-19-8 | oral | 218 mg/kg |
| Allyl heptanoate | 142-19-8 | dermal | 810 mg/kg |

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.

11.2 Information on other hazards

There is no additional information.



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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 |
|---|------------|----------|------------|-----------------------|---------------|
| α,α -dimethylphenethyl butyrate | 10094-34-5 | EC50 | 684 mg/l | microorganisms | 3 h |
| Aldehyde C-16 | 77-83-8 | EC50 | 95 mg/l | aquatic invertebrates | 24 h |
| Aldehyde C-14 | 104-67-6 | EC50 | 3.7 mg/l | aquatic invertebrates | 21 d |
| Diethyl malonate | 105-53-3 | EC50 | 285.8 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 |
|---|------------|------------------|------------------|------|--------|--------|
| α,α -dimethylphenethyl butyrate | 10094-34-5 | oxygen depletion | 18 % | 6 d | | ECHA |
| Aldehyde C-16 | 77-83-8 | oxygen depletion | 11 % | 5 d | | ECHA |
| Aldehyde C-14 | 104-67-6 | oxygen depletion | 16 % | 1 d | | ECHA |
| Diethyl malonate | 105-53-3 | DOC removal | 0 % | 0 d | | ECHA |
| Allyl Caproate | 123-68-2 | oxygen depletion | 19 % | 2 d | | ECHA |
| Allyl heptanoate | 142-19-8 | oxygen depletion | 15 % | 2 d | | ECHA |
| Melonal | 106-72-9 | oxygen depletion | 75 % | 28 d | | ECHA |

12.3 Bioaccumulative potential

Data are not available.



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Bioaccumulative potential of components of the mixture

| Name of substance | CAS No | BCF | Log KOW | BOD5/COD |
|---|------------|-------|-----------------------------|----------|
| α,α -dimethylphenethyl butyrate | 10094-34-5 | | 4.7 (25 °C) | |
| Aldehyde C-16 | 77-83-8 | | 2.4 (25 °C) | |
| Aldehyde C-14 | 104-67-6 | | 3.6 (25 °C) | |
| Diethyl malonate | 105-53-3 | | 0.96 | |
| Allyl Caproate | 123-68-2 | 59.2 | 3.191 (pH value: ~5, 20 °C) | |
| Allyl heptanoate | 142-19-8 | 193.2 | 3.97 (pH value: 5.3, 20 °C) | |
| Melonal | 106-72-9 | | 3.4 (pH value: 7, 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.



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SECTION 14: Transport information

- | | |
|---|---|
| 14.1 UN number or ID number | not subject to transport regulations |
| 14.2 UN proper shipping name | not relevant |
| 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

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)**
- 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)**
none of the ingredients are listed
- 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



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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 |
|---|--|--------|----|
| California Scents Car Scents Malibu Melon | 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 |



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Legend

| | |
|------------|---|
| 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

Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|--|---|-----------------|
| 2.3 | Other hazards | Other hazards: This material is combustible, but will not ignite readily. | yes |
| 2.3 | Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB. | | 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 |
| 8.1 | | Relevant DNELs of components of the mixture: change in the listing (table) | yes |
| 9.1 | Colour: light brown | Colour: light green | yes |
| 9.1 | Flash point: >94 °C | Flash point: 90 °C | yes |
| 9.1 | Vapour density: this information is not available | | yes |
| 9.1 | Relative vapour density: Information on this property is not available not relevant (liquid) | Relative vapour density: information on this property is not available | yes |
| 9.1 | Particle characteristics: no data available | Particle characteristics: not relevant (liquid) | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---|---|-----------------|
| 9.2 | Information with regard to physical hazard classes: hazard classes acc. to GHS (physical hazards): | Information with regard to physical hazard classes: hazard classes acc. to GHS (physical hazards): not relevant | yes |
| 9.2 | Other safety characteristics | Other safety characteristics: there is no additional information | yes |
| 9.2 | Temperature class (EU, acc. to ATEX): T1 (maximum permissible surface temperature on the equipment: 450°C) | | yes |
| 12.1 | | Aquatic toxicity (chronic) of components of the mixture: change in the listing (table) | yes |
| 14.2 | UN proper shipping name: not assigned | UN proper shipping name: not relevant | yes |
| 14.7 | Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information: not assigned | | 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 | | Regulation on the marketing and use of explosives precursors: none of the ingredients are listed | yes |
| 15.1 | | Regulation on drug precursors: none of the ingredients are listed | yes |
| 15.1 | | Regulation on persistent organic pollutants (POP): None of the ingredients are listed. | 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 |
| 15.1 | | Dangerous substances with restrictions (GB REACH, Annex 17): change in the listing (table) | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---------------------------|--|-----------------|
| 15.1 | | National inventories: change in the listing (table) | yes |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------------|---|
| 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 |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| 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) |



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| Abbr. | Descriptions of used abbreviations |
|-------------|---|
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| 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 |

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 |
|------|--------------------------------------|
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |



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| Code | Text |
|------|--|
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| 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.