Safety Data Sheet

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

California Scents Car Scents Coronado Cherry

Version number: GHS 4.0
Replaces version of: 2023-07-05 (GHS 3)

Revision: 2023-07-05

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

1.1 Product identifier

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

Alternative number(s): 76389000853018, 7638900850390, 7638900851212, 7638900850291, 7638900851212, 7638900435030, 7638900435177, 7638900853018, 091400039684, 091400039745, 7638900434989, 7638900850536, 091400000059, 091400002107, 091400016494, 091400000486, 091400002107

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 state-ment
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

Labelling of packages where the contents do not exceed 125 ml

- 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, Piperonal

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0,1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.

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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
Benzaldehyde	CAS No 100-52-7 EC No 202-860-4 Index No 605-012-00-5	25 – < 50	Acute Tox. 4 / H302	
Aldehyde C-16	CAS No 77-83-8 EC No 201-061-8	5 – < 10	Skin Sens. 1B / H317 Aquatic Chronic 2 / H411	
Benzyl acetate	CAS No 140-11-4 EC No 205-399-7	5 – < 10	Aquatic Chronic 3 / H412	
Methyl Ionone	CAS No 127-51-5 EC No 204-846-3	1 – < 5	Aquatic Chronic 2 / H411	
Methyl anthranilate	CAS No 134-20-3 EC No 205-132-4	1 – < 5	Eye Irrit. 2 / H319	
Vanillin	CAS No 121-33-5 EC No 204-465-2	1 – < 5	Eye Irrit. 2 / H319	
Ethyl butyrate	CAS No 105-54-4 EC No 203-306-4	1 – < 5	Flam. Liq. 3 / H226 Eye Irrit. 2 / H319	

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Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Methyl Benzaldehyde	CAS No 104-87-0 EC No 203-246-9	1 – < 5	Acute Tox. 4 / H302	
Piperonal	CAS No 120-57-0 EC No 204-409-7	< 1	Skin Sens. 1B / H317	

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Benzaldehyde	-	-	1,430 $^{mg}/_{kg}$	oral
Methyl Benzaldehyde	-	-	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

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. 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

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	17.63 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Aldehyde C-16	77-83-8	DNEL	35.26 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
Aldehyde C-16	77-83-8	DNEL	44.08 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
Aldehyde C-16	77-83-8	DNEL	88.16 mg/m³	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
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 Ionone	127-51-5	DNEL	8.22 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Methyl Ionone	127-51-5	DNEL	0.375 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

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
Piperonal	120-57-0	DNEL	5.29 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Piperonal	120-57-0	DNEL	0.75 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)
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)

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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	0.021 $^{mg}/_{kg}$	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)
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 Ionone	127-51-5	PNEC	1.43 $^{\mu g}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Methyl Ionone	127-51-5	PNEC	0.143 $^{\mu g}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Methyl Ionone	127-51-5	PNEC	10 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Methyl Ionone	127-51-5	PNEC	0.443 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Methyl Ionone	127-51-5	PNEC	44.3 $^{\mu g}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Methyl Ionone	127-51-5	PNEC	87.8 $^{\mu g}/_{kg}$	terrestrial organisms	soil	short-term (single instance)
Methyl anthranilate	134-20-3	PNEC	87.2 $^{\mu g}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Methyl anthranilate	134-20-3	PNEC	8.72 $^{\mu g}/_{l}$	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)

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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
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)
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)
Vanillin	121-33-5	PNEC	11.54 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)
Ethyl butyrate	105-54-4	PNEC	17.1 µg/kg	terrestrial organisms	soil	short-term (single instance)
Piperonal	120-57-0	PNEC	25 µg/l	aquatic organisms	water	intermittent release
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)

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Piperonal	120-57-0	PNEC	11.95 $^{\mu g}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Piperonal	120-57-0	PNEC	1.2 $^{\mu g}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Piperonal	120-57-0	PNEC	0.84 $^{\mu g}/_{kg}$	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	magenta
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	63 °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
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).

Classification acc. to GHS

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

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 (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Benzaldehyde	100-52-7	LC50	12.4 mg/l	fish	96 h
Benzaldehyde	100-52-7	EC50	19.7 mg/l	aquatic invertebrates	48 h
Benzaldehyde	100-52-7	ErC50	33.1 mg/l	green algae (Selenastrum capricornutum)	72 h
Aldehyde C-16	77-83-8	LC50	4.2 mg/l	fish	96 h
Aldehyde C-16	77-83-8	EC50	52 mg/l	aquatic invertebrates	48 h
Aldehyde C-16	77-83-8	ErC50	36 mg/l	green algae (Selenastrum capricornutum)	72 h
Aldehyde C-16	77-83-8	NOEC	3.2 mg/l	fish	96 h
Aldehyde C-16	77-83-8	LOEC	20 mg/l	green algae (Selenastrum capricornutum)	72 h
Benzyl acetate	140-11-4	LC50	4 mg/l	fish	96 h
Benzyl acetate	140-11-4	EC50	25 mg/l	aquatic invertebrates	24 h
Benzyl acetate	140-11-4	ErC50	110 mg/l	green algae (Selenastrum capricornutum)	72 h
Benzyl acetate	140-11-4	NOEC	10 mg/l	aquatic invertebrates	48 h
Benzyl acetate	140-11-4	LOEC	113 mg/l	green algae (Selenastrum capricornutum)	72 h
Methyl Ionone	127-51-5	LC50	10.9 mg/l	fish	96 h
Methyl Ionone	127-51-5	EC50	1.428 mg/l	fish	96 h
Methyl Ionone	127-51-5	ErC50	>20 mg/l	green algae (Selenastrum capricornutum)	72 h
Methyl Ionone	127-51-5	NOEC	7.8 mg/l	fish	96 h
Methyl anthranilate	134-20-3	EC50	11.67 mg/l	green algae (Selenastrum capricornutum)	96 h
Methyl anthranilate	134-20-3	LC50	32.35 mg/l	fish	96 h

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Methyl anthranilate	134-20-3	NOELR	6 mg/l	fish	24 h
Vanillin	121-33-5	LC50	57 mg/l	fish	96 h
Vanillin	121-33-5	EC50	36.79 mg/l	aquatic invertebrates	48 h
Vanillin	121-33-5	ErC50	120 mg/l	green algae (Selenastrum capricornutum)	72 h
Vanillin	121-33-5	NOEC	26.8 mg/l	aquatic invertebrates	48 h
Ethyl butyrate	105-54-4	LC50	≥100 mg/l	fish	96 h
Ethyl butyrate	105-54-4	EC50	116.6 mg/l	aquatic invertebrates	48 h
Ethyl butyrate	105-54-4	LOEC	236 mg/l	microorganisms	72 h
Piperonal	120-57-0	LC50	1.6 mg/l	fish	24 h
Piperonal	120-57-0	EC50	82 mg/l	aquatic invertebrates	24 h
Piperonal	120-57-0	ErC50	31 mg/l	green algae (Selenastrum capricornutum)	72 h
Piperonal	120-57-0	NOEC	1.6 mg/l	fish	96 h

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
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
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
Ethyl butyrate	105-54-4	NOEC	1.483 mg/l	fish	28 d

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
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
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 Ionone	127-51-5	oxygen depletion	42.51 %	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
Methyl Benzaldehyde	104-87-0	oxygen depletion	97 %	28 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)	
Benzyl acetate	140-11-4	8	1.96 (pH value: 7, 25 °C)	
Methyl Ionone	127-51-5		4.288 (pH value: 4.7, 25 °C)	
Methyl anthranilate	134-20-3	6.7	1.88 (pH value: 7, 20 °C)	
Vanillin	121-33-5		1.29 – 1.33	
Ethyl butyrate	105-54-4	8	2.433 (pH value: 6.68, 25 °C)	
Methyl Benzaldehyde	104-87-0		2.25	
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

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0,1%.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.

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

Name of substance	CAS No	Classification	CN Code	Threshold level
Piperonal	120-57-0	Category 1	2932 93 00	

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 Coronado Cherry	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC		3
Ethyl butyrate	flammable / pyrophoric		40

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

Country	Inventory	Status
TW	TCSI	all ingredients are listed
US	TSCA	all ingredients are listed (ACTIVE)

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

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-relev-ant
2.2	Labelling	Labelling: Labelling of packages where the contents do not exceed 125 ml	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 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)

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Abbr.	Descriptions of used abbreviations
Ceiling-C	Ceiling value
CN Code	Combined Nomenclature
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
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
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
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
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
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
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

Abbr.	Descriptions of used abbreviations
NOEC	No Observed Effect Concentration
NOELR	No Observed Effect Loading Rate
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
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
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.

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Disclaimer

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