Safety Data Sheet

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

California Scents Car Scents LA Lavender

Version number: GHS 7.1
Replaces version of: 2023-07-07 (GHS 6)

Revision: 2023-09-11

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

1.1 Product identifier

Trade name: **California Scents Car Scents LA Lavender**

Alternative number(s): 091400041533, 5020144229834, 5020144229490, 091400040093

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

Relevant identified uses: Consumer uses: Air Freshener

1.3 Details of the supplier of the safety data sheet

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

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

1.4 Emergency telephone number

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

Poison centre

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

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

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling

- Signal word warning

- Pictograms

GHS07, GHS09

- Hazard statements

H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

- Precautionary statements

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: Cineole, Dorisyl, Orange Terpenes, lavender oil, Linalyl acetate, Pin-2(3)-ene, Dynascone, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Aldehyde C12 MNA, Linalool, Citronellal, Cyclamal

Labelling of packages where the contents do not exceed 125 ml

- Signal word warning

- Hazard pictogram(s)

Warning. GHS07, GHS09

- Hazard statements

H317	May cause an allergic skin reaction.

- 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 Cineole, Dorisyl, Orange Terpenes, lavender oil, Linalyl acetate, Pin-2(3)-ene, Dynascone, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Aldehyde C12 MNA, Linalool, Citronellal, Cyclamal

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%.

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
Cineole	CAS No 470-82-6 EC No 207-431-5	1 – < 5	Flam. Liq. 3 / H226 Skin Sens. 1B / H317	
Dorisyl	CAS No 32210-23-4 EC No 250-954-9	1 – < 5	Skin Sens. 1B / H317	
Orange Terpenes	CAS No 68647-72-3 8028-48-6 EC No 232-433-8	1 – < 5	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411	
lavender oil	CAS No 8000-28-0 90063-37-9 EC No 616-770-1 289-995-2	1 – < 5	Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Chronic 3 / H412	
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	CAS No 54464-57-2 EC No 259-174-3	1 – < 5	Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Aquatic Chronic 1 / H410	

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Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Terpinyl acetate	CAS No 80-26-2 EC No 201-265-7	1 – < 5	Aquatic Chronic 2 / H411	
Terpineol	CAS No 8000-41-7 EC No 232-268-1	1 – < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319	
Diphenyl ether	CAS No 101-84-8 EC No 202-981-2	< 1	Eye Irrit. 2 / H319 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412	
Linalool	CAS No 78-70-6 EC No 201-134-4 Index No 603-235-00-2	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
Cyclamal	CAS No 103-95-7 EC No 203-161-7	< 1	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Aquatic Chronic 3 / H412	
Fixolide	CAS No 1506-02-1 EC No 216-133-4	< 1	Acute Tox. 4 / H302 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	
pentyl salicylate	CAS No 2050-08-0 EC No 218-080-2	< 1	Acute Tox. 4 / H302 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	
Aldehyde C12 MNA	CAS No 110-41-8 EC No 203-765-0	< 1	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	
Allyl heptanoate	CAS No 142-19-8 EC No 205-527-1	< 1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412	

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Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Dynascone	CAS No 56973-85-4 EC No 260-486-7	< 1	Skin Sens. 1B / H317 Aquatic Chronic 2 / H411	
Citronellal	CAS No 106-23-0 EC No 203-376-6	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
Linalyl acetate	CAS No 115-95-7 EC No 204-116-4	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
p-cymene	CAS No 99-87-6 EC No 202-796-7	< 1	Flam. Liq. 3 / H226 Repr. 2 / H361f Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411	
Pin-2(3)-ene	CAS No 80-56-8 EC No 201-291-9	< 1	Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	CAS No 68039-49-6 EC No 268-264-1	< 1	Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Aquatic Chronic 2 / H411	

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Fixolide	-	-	920 $^{mg}/_{kg}$	oral
pentyl salicylate	-	-	2,000 $^{mg}/_{kg}$	oral
Allyl heptanoate	-	-	218 $^{mg}/_{kg}$ 810 $^{mg}/_{kg}$	oral dermal
Pin-2(3)-ene	-	-	500 $^{mg}/_{kg}$	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

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.

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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.

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

- Packaging compatibilities

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

7.3 Specific end use(s)

See section 16 for a general overview.

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
EU	diphenyl ether	101-84-8	IOELV	1	7	2	14				2017/164/EU
GB	diphenyl ether	101-84-8	WEL	1	7	2	14				EH40/2005
GB	cycloalkanes (>C7)	80-56-8	WEL		800						EH40/2005
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
Cineole	470-82-6	DNEL	7.05 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Cineole	470-82-6	DNEL	2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Orange Terpenes	68647-72-3 8028-48-6	DNEL	31.1 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
Orange Terpenes	68647-72-3 8028-48-6	DNEL	8.89 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Orange Terpenes	68647-72-3 8028-48-6	DNEL	185.8 µg/cm²	human, dermal	worker (industry)	acute - local effects
lavender oil	8000-28-0 90063-37-9	DNEL	0.877 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
lavender oil	8000-28-0 90063-37-9	DNEL	0.249 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	44.8 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Terpineol	8000-41-7	DNEL	6.35 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Diphenyl ether	101-84-8	DNEL	59 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Diphenyl ether	101-84-8	DNEL	7 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
Diphenyl ether	101-84-8	DNEL	14 mg/m³	human, inhalatory	worker (industry)	acute - local effects
Diphenyl ether	101-84-8	DNEL	25 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Fixolide	1506-02-1	DNEL	0.525 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
Fixolide	1506-02-1	DNEL	1.8 mg/kg	human, dermal	worker (industry)	chronic - local effects
Fixolide	1506-02-1	DNEL	0.175 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Fixolide	1506-02-1	DNEL	0.525 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
Fixolide	1506-02-1	DNEL	0.61 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Linalool	78-70-6	DNEL	16.5 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
Linalool	78-70-6	DNEL	5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Linalool	78-70-6	DNEL	24.58 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
Linalool	78-70-6	DNEL	3.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Cyclamal	103-95-7	DNEL	7.43 µg/cm²	human, dermal	worker (industry)	chronic - local effects
Cyclamal	103-95-7	DNEL	1.23 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Cyclamal	103-95-7	DNEL	0.35 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
pentyl salicylate	2050-08-0	DNEL	3.17 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
pentyl salicylate	2050-08-0	DNEL	0.9 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Aldehyde C12 MNA	110-41-8	DNEL	36.89 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Aldehyde C12 MNA	110-41-8	DNEL	352.6 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
Aldehyde C12 MNA	110-41-8	DNEL	92.21 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
Aldehyde C12 MNA	110-41-8	DNEL	881.6 mg/m³	human, inhalatory	worker (industry)	acute - local effects
Aldehyde C12 MNA	110-41-8	DNEL	10.46 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Aldehyde C12 MNA	110-41-8	DNEL	100 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Allyl heptanoate	142-19-8	DNEL	2.97 mg/m³	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
Dynascone	56973-85-4	DNEL	2.52 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Dynascone	56973-85-4	DNEL	0.714 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Citronellal	106-23-0	DNEL	140 µg/cm²	human, dermal	worker (industry)	acute - systemic effects
Citronellal	106-23-0	DNEL	9 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
Citronellal	106-23-0	DNEL	1.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Citronellal	106-23-0	DNEL	140 µg/cm²	human, dermal	worker (industry)	chronic - local effects
Linalyl acetate	115-95-7	DNEL	2.75 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Linalyl acetate	115-95-7	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Linalyl acetate	115-95-7	DNEL	236.2 µg/cm²	human, dermal	worker (industry)	chronic - local effects
Linalyl acetate	115-95-7	DNEL	236.2 µg/cm²	human, dermal	worker (industry)	acute - local effects
Pin-2(3)-ene	80-56-8	DNEL	3.8 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Pin-2(3)-ene	80-56-8	DNEL	0.542 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
Cineole	470-82-6	PNEC	0.57 mg/l	aquatic organisms	water	intermittent release
Cineole	470-82-6	PNEC	57 µg/l	aquatic organisms	freshwater	short-term (single instance)
Cineole	470-82-6	PNEC	5.7 µg/l	aquatic organisms	marine water	short-term (single instance)
Cineole	470-82-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Cineole	470-82-6	PNEC	1.425 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Cineole	470-82-6	PNEC	0.142 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Cineole	470-82-6	PNEC	0.25 mg/kg	terrestrial organisms	soil	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
Dorisyl	32210-23-4	PNEC	5.3 µg/l	aquatic organisms	freshwater	short-term (single instance)
Dorisyl	32210-23-4	PNEC	0.53 µg/l	aquatic organisms	marine water	short-term (single instance)
Dorisyl	32210-23-4	PNEC	12.2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dorisyl	32210-23-4	PNEC	2.01 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dorisyl	32210-23-4	PNEC	0.21 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dorisyl	32210-23-4	PNEC	66.67 mg/kg	aquatic organisms	water	short-term (single instance)
Dorisyl	32210-23-4	PNEC	0.42 mg/kg	terrestrial organisms	soil	short-term (single instance)
Dorisyl	32210-23-4	PNEC	53 µg/l	aquatic organisms	water	intermittent release
Orange Terpenes	68647-72-3 8028-48-6	PNEC	5.77 µg/l	aquatic organisms	water	intermittent release
Orange Terpenes	68647-72-3 8028-48-6	PNEC	5.4 µg/l	aquatic organisms	freshwater	short-term (single instance)
Orange Terpenes	68647-72-3 8028-48-6	PNEC	0.54 µg/l	aquatic organisms	marine water	short-term (single instance)
Orange Terpenes	68647-72-3 8028-48-6	PNEC	2.1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Orange Terpenes	68647-72-3 8028-48-6	PNEC	1.3 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Orange Terpenes	68647-72-3 8028-48-6	PNEC	0.13 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Orange Terpenes	68647-72-3 8028-48-6	PNEC	0.261 mg/kg	terrestrial organisms	soil	short-term (single instance)
Terpinyl acetate	80-26-2	PNEC	6.9 µg/l	aquatic organisms	freshwater	short-term (single instance)
Terpinyl acetate	80-26-2	PNEC	0.69 µg/l	aquatic organisms	marine water	short-term (single instance)
Terpinyl acetate	80-26-2	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
Terpinyl acetate	80-26-2	PNEC	0.453 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Terpinyl acetate	80-26-2	PNEC	0.045 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Terpinyl acetate	80-26-2	PNEC	0.086 $^{mg}/_{kg}$	terrestrial organisms	soil	short-term (single instance)
Terpineol	8000-41-7	PNEC	62 $^{µg}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Terpineol	8000-41-7	PNEC	6.2 $^{µg}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Terpineol	8000-41-7	PNEC	2.57 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Terpineol	8000-41-7	PNEC	0.442 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Terpineol	8000-41-7	PNEC	0.044 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Terpineol	8000-41-7	PNEC	0.052 $^{mg}/_{kg}$	terrestrial organisms	soil	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0.00455 $^{mg}/_{l}$	aquatic organisms	water	intermittent release
Diphenyl ether	101-84-8	PNEC	0 $^{mg}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0 $^{mg}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	10 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0.093 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0.009 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Diphenyl ether	101-84-8	PNEC	0.018 $^{mg}/_{kg}$	terrestrial organisms	soil	short-term (single instance)
Fixolide	1506-02-1	PNEC	6.1 $^{µg}/_{l}$	aquatic organisms	water	intermittent release
Fixolide	1506-02-1	PNEC	2.2 $^{µg}/_{l}$	aquatic organisms	freshwater	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
Fixolide	1506-02-1	PNEC	0.22 µg/l	aquatic organisms	marine water	short-term (single instance)
Fixolide	1506-02-1	PNEC	2.2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Fixolide	1506-02-1	PNEC	1.72 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Fixolide	1506-02-1	PNEC	0.345 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Fixolide	1506-02-1	PNEC	0.01 mg/kg	terrestrial organisms	soil	short-term (single instance)
Linalool	78-70-6	PNEC	7.8 mg/kg	aquatic organisms	water	short-term (single instance)
Linalool	78-70-6	PNEC	2 mg/l	aquatic organisms	water	intermittent release
Linalool	78-70-6	PNEC	0.2 mg/l	aquatic organisms	freshwater	short-term (single instance)
Linalool	78-70-6	PNEC	0.02 mg/l	aquatic organisms	marine water	short-term (single instance)
Linalool	78-70-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Linalool	78-70-6	PNEC	2.22 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Linalool	78-70-6	PNEC	0.222 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Linalool	78-70-6	PNEC	0.327 mg/kg	terrestrial organisms	soil	short-term (single instance)
Cyclamal	103-95-7	PNEC	33.3 mg/kg	aquatic organisms	water	short-term (single instance)
Cyclamal	103-95-7	PNEC	10.92 µg/l	aquatic organisms	water	intermittent release
Cyclamal	103-95-7	PNEC	8.8 µg/l	aquatic organisms	freshwater	short-term (single instance)
Cyclamal	103-95-7	PNEC	0.88 µg/l	aquatic organisms	marine water	short-term (single instance)
Cyclamal	103-95-7	PNEC	1 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
Cyclamal	103-95-7	PNEC	1.02 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Cyclamal	103-95-7	PNEC	0.102 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Cyclamal	103-95-7	PNEC	0.199 mg/kg	terrestrial organisms	soil	short-term (single instance)
pentyl salicylate	2050-08-0	PNEC	0.77 µg/l	aquatic organisms	freshwater	short-term (single instance)
pentyl salicylate	2050-08-0	PNEC	0.077 µg/l	aquatic organisms	marine water	short-term (single instance)
pentyl salicylate	2050-08-0	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
pentyl salicylate	2050-08-0	PNEC	0.389 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
pentyl salicylate	2050-08-0	PNEC	0.039 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
pentyl salicylate	2050-08-0	PNEC	1.786 mg/kg	terrestrial organisms	soil	short-term (single instance)
Aldehyde C12 MNA	110-41-8	PNEC	0.66 µg/l	aquatic organisms	freshwater	short-term (single instance)
Aldehyde C12 MNA	110-41-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Aldehyde C12 MNA	110-41-8	PNEC	0.265 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Aldehyde C12 MNA	110-41-8	PNEC	26.5 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
Aldehyde C12 MNA	110-41-8	PNEC	52.6 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)

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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 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)
Dynascone	56973-85-4	PNEC	1.7 µg/l	aquatic organisms	freshwater	short-term (single instance)
Dynascone	56973-85-4	PNEC	0.17 µg/l	aquatic organisms	marine water	short-term (single instance)
Dynascone	56973-85-4	PNEC	4.6 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dynascone	56973-85-4	PNEC	0.242 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dynascone	56973-85-4	PNEC	0.024 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dynascone	56973-85-4	PNEC	0.047 mg/kg	terrestrial organisms	soil	short-term (single instance)
Citronellal	106-23-0	PNEC	0.087 mg/l	aquatic organisms	water	intermittent release
Citronellal	106-23-0	PNEC	0.009 mg/l	aquatic organisms	freshwater	short-term (single instance)
Citronellal	106-23-0	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Citronellal	106-23-0	PNEC	4 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Citronellal	106-23-0	PNEC	0.159 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Citronellal	106-23-0	PNEC	0.016 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Citronellal	106-23-0	PNEC	0.027 mg/kg	terrestrial organisms	soil	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.11 mg/l	aquatic organisms	water	intermittent release

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Linalyl acetate	115-95-7	PNEC	0.011 mg/l	aquatic organisms	freshwater	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.609 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.061 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.115 mg/kg	terrestrial organisms	soil	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	1.35 mg/kg	aquatic organisms	water	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	0.606 µg/l	aquatic organisms	freshwater	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	0.061 µg/l	aquatic organisms	marine water	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	0.2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	157 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	15.7 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
Pin-2(3)-ene	80-56-8	PNEC	31.7 µg/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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	light brown
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	160 °C at 1,026 hPa
Flammability	non-combustible
Lower and upper explosion limit	not determined
Flash point	77 °C

Auto-ignition temperature	470 °C (auto-ignition temperature (liquids and gases))
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	300 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 in contact with skin.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Fixolide	1506-02-1	oral	920 $^{mg}/_{kg}$
pentyl salicylate	2050-08-0	oral	2,000 $^{mg}/_{kg}$
Allyl heptanoate	142-19-8	oral	218 $^{mg}/_{kg}$
Allyl heptanoate	142-19-8	dermal	810 $^{mg}/_{kg}$
Pin-2(3)-ene	80-56-8	oral	500 $^{mg}/_{kg}$

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.

SECTION 12: Ecological information

12.1 Toxicity

Toxic 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
Cineole	470-82-6	LC50	57 $^{mg}/_{l}$	fish	96 h
Cineole	470-82-6	EC50	>100 $^{mg}/_{l}$	aquatic invertebrates	48 h
Cineole	470-82-6	ErC50	>74 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Cineole	470-82-6	NOEC	32 $^{mg}/_{l}$	fish	96 h
Dorisyl	32210-23-4	LC50	8.6 $^{mg}/_{l}$	fish	96 h
Dorisyl	32210-23-4	EC50	5.3 $^{mg}/_{l}$	aquatic invertebrates	48 h
Dorisyl	32210-23-4	ErC50	22 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Dorisyl	32210-23-4	NOEC	6.8 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Orange Terpenes	68647-72-3 8028-48-6	LL50	5.65 $^{mg}/_{l}$	fish	96 h
Orange Terpenes	68647-72-3 8028-48-6	EL50	1.4 $^{mg}/_{l}$	aquatic invertebrates	24 h

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Orange Terpenes	68647-72-3 8028-48-6	NOELR	4 mg/l	fish	96 h
lavender oil	8000-28-0 90063-37-9	LL50	29.17 mg/l	fish	96 h
lavender oil	8000-28-0 90063-37-9	EL50	36.17 mg/l	aquatic invertebrates	24 h
Terpinyl acetate	80-26-2	LC50	>11 mg/l	fish	96 h
Terpinyl acetate	80-26-2	EC50	>10 mg/l	aquatic invertebrates	48 h
Terpinyl acetate	80-26-2	ErC50	8.1 mg/l	green algae (Selenastrum capricornutum)	72 h
Terpinyl acetate	80-26-2	NOEC	3.6 mg/l	green algae (Selenastrum capricornutum)	72 h
Terpineol	8000-41-7	LC50	80 mg/l	fish	48 h
Terpineol	8000-41-7	ErC50	68 mg/l	green algae (Selenastrum capricornutum)	72 h
Terpineol	8000-41-7	EC50	17 mg/l	green algae (Selenastrum capricornutum)	72 h
Terpineol	8000-41-7	NOEC	3.9 mg/l	green algae (Selenastrum capricornutum)	72 h
Diphenyl ether	101-84-8	LC50	10 mg/l	fish	24 h
Diphenyl ether	101-84-8	EC50	2.92 mg/l	aquatic invertebrates	24 h
Diphenyl ether	101-84-8	ErC50	0.58 mg/l	green algae (Selenastrum capricornutum)	72 h
Diphenyl ether	101-84-8	NOEC	3.2 mg/l	fish	96 h
Fixolide	1506-02-1	LC50	1.49 mg/l	fish	96 h
Fixolide	1506-02-1	ErC50	>835 µg/l	green algae (Selenastrum capricornutum)	72 h
Fixolide	1506-02-1	EC50	625 µg/l	green algae (Selenastrum capricornutum)	72 h
Fixolide	1506-02-1	NOEC	404 µg/l	green algae (Selenastrum capricornutum)	72 h
Fixolide	1506-02-1	LOEC	816 µg/l	green algae (Selenastrum capricornutum)	72 h

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Linalool	78-70-6	LC50	27.8 $^{mg}/_{l}$	fish	96 h
Linalool	78-70-6	EC50	59 $^{mg}/_{l}$	aquatic invertebrates	48 h
Linalool	78-70-6	ErC50	156.7 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	96 h
Linalool	78-70-6	NOEC	<3.5 $^{mg}/_{l}$	fish	96 h
Cyclamal	103-95-7	LC50	1.42 $^{mg}/_{l}$	fish	96 h
Cyclamal	103-95-7	EC50	1.4 $^{mg}/_{l}$	aquatic invertebrates	48 h
Cyclamal	103-95-7	ErC50	4.3 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Cyclamal	103-95-7	LOEC	2.5 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Cyclamal	103-95-7	NOEC	0.72 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
pentyl salicylate	2050-08-0	LC50	1.34 $^{mg}/_{l}$	fish	96 h
pentyl salicylate	2050-08-0	EC50	1.4 $^{mg}/_{l}$	aquatic invertebrates	24 h
pentyl salicylate	2050-08-0	ErC50	0.77 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
pentyl salicylate	2050-08-0	NOEC	0.2 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Aldehyde C12 MNA	110-41-8	LC50	>0.46 $^{mg}/_{l}$	fish	24 h
Aldehyde C12 MNA	110-41-8	EC50	0.21 $^{mg}/_{l}$	aquatic invertebrates	48 h
Aldehyde C12 MNA	110-41-8	ErC50	0.18 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Aldehyde C12 MNA	110-41-8	NOEC	0.11 $^{mg}/_{l}$	fish	96 h
Allyl heptanoate	142-19-8	LC50	0.201 $^{mg}/_{l}$	fish	24 h
Allyl heptanoate	142-19-8	EC50	0.89 $^{mg}/_{l}$	aquatic invertebrates	48 h
Allyl heptanoate	142-19-8	ErC50	>4.6 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Allyl heptanoate	142-19-8	NOEC	0.158 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Allyl heptanoate	142-19-8	LOEC	0.505 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Dynascone	56973-85-4	LC50	1.904 $^{mg}/_{l}$	fish	96 h
Dynascone	56973-85-4	EC50	1.7 $^{mg}/_{l}$	aquatic invertebrates	48 h
Dynascone	56973-85-4	ErC50	3.4 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Citronellal	106-23-0	LC50	22 $^{mg}/_{l}$	fish	96 h
Citronellal	106-23-0	EC50	8.7 $^{mg}/_{l}$	aquatic invertebrates	48 h
Citronellal	106-23-0	ErC50	13.33 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Citronellal	106-23-0	NOEC	10 $^{mg}/_{l}$	fish	96 h
Linalyl acetate	115-95-7	ErC50	62 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
Linalyl acetate	115-95-7	LC50	11 $^{mg}/_{l}$	fish	96 h
Linalyl acetate	115-95-7	EC50	59 $^{mg}/_{l}$	aquatic invertebrates	48 h
Linalyl acetate	115-95-7	NOEC	25 $^{mg}/_{l}$	aquatic invertebrates	48 h
p-cymene	99-87-6	LC50	56 $^{mg}/_{l}$	fish	24 h
p-cymene	99-87-6	EC50	3.7 $^{mg}/_{l}$	aquatic invertebrates	48 h
p-cymene	99-87-6	ErC50	4.03 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	72 h
p-cymene	99-87-6	NOEC	10 $^{mg}/_{l}$	fish	96 h
Pin-2(3)-ene	80-56-8	LC50	0.303 $^{mg}/_{l}$	fish	96 h
Pin-2(3)-ene	80-56-8	EC50	0.475 $^{mg}/_{l}$	aquatic invertebrates	48 h
Pin-2(3)-ene	80-56-8	NOEC	0.131 $^{mg}/_{l}$	green algae (Selenastrum capricornutum)	48 h

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Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Cineole	470-82-6	EC50	>100 mg/l	microorganisms	3 h
Dorisyl	32210-23-4	EC50	302 mg/l	microorganisms	3 h
Orange Terpenes	68647-72-3 8028-48-6	EL50	1.4 mg/l	aquatic invertebrates	24 h
lavender oil	8000-28-0 90063-37-9	EC50	1,230 mg/l	microorganisms	3 h
lavender oil	8000-28-0 90063-37-9	NOEC	488 mg/l	microorganisms	3 h
lavender oil	8000-28-0 90063-37-9	LOEC	781 mg/l	microorganisms	3 h
Terpinyl acetate	80-26-2	NOEC	100 mg/l	microorganisms	28 d
Terpineol	8000-41-7	LC50	80 mg/l	fish	24 h
Diphenyl ether	101-84-8	LC50	10 mg/l	fish	24 h
Diphenyl ether	101-84-8	EC50	>100 mg/l	microorganisms	3 h
Diphenyl ether	101-84-8	NOEC	0.76 mg/l	aquatic invertebrates	24 h
Fixolide	1506-02-1	LC50	100 µg/l	fish	36 d
Fixolide	1506-02-1	EC50	>800 µg/l	aquatic invertebrates	3 d
Fixolide	1506-02-1	NOEC	35 µg/l	fish	34 d
Fixolide	1506-02-1	LOEC	50 µg/l	fish	34 d
Linalool	78-70-6	LC50	27.8 mg/l	fish	24 h
Linalool	78-70-6	EC50	>100 mg/l	microorganisms	30 min
Cyclamal	103-95-7	EC50	1.7 mg/l	aquatic invertebrates	21 d
Cyclamal	103-95-7	NOEC	0.44 mg/l	aquatic invertebrates	21 d
Aldehyde C12 MNA	110-41-8	NOEC	33 µg/l	aquatic invertebrates	21 d
Aldehyde C12 MNA	110-41-8	LOEC	59 µg/l	aquatic invertebrates	21 d
Dynascone	56973-85-4	EL50	960 mg/l	microorganisms	3 h
Linalyl acetate	115-95-7	LC50	11.14 mg/l	fish	20 h
Linalyl acetate	115-95-7	NOEC	>25.7 mg/l	microorganisms	28 d

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
p-cymene	99-87-6	NOEC	100 $^{mg}/_{l}$	microorganisms	28 d
Pin-2(3)-ene	80-56-8	NOEC	2 $^{mg}/_{l}$	microorganisms	28 d

12.2 Persistence and degradability

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
Cineole	470-82-6	carbon dioxide generation	82 %	28 d		ECHA
Dorisyl	32210-23-4	carbon dioxide generation	75 %	29 d		ECHA
lavender oil	8000-28-0 90063-37-9	carbon dioxide generation	91.9 %	28 d		ECHA
Terpinyl acetate	80-26-2	oxygen depletion	63 %	28 d		ECHA
Diphenyl ether	101-84-8	oxygen depletion	64 %	5 d		ECHA
Linalool	78-70-6	oxygen depletion	40.9 %	5 d		ECHA
Cyclamal	103-95-7	carbon dioxide generation	65.5 %	28 d		ECHA
pentyl salicylate	2050-08-0	oxygen depletion	32 %	2 d		ECHA
Aldehyde C12 MNA	110-41-8	oxygen depletion	11 %	2 d		ECHA
Allyl heptanoate	142-19-8	oxygen depletion	15 %	2 d		ECHA
Dynascone	56973-85-4	oxygen depletion	19 %	28 d		ECHA
Citronellal	106-23-0	carbon dioxide generation	83 %	28 d		ECHA
Linalyl acetate	115-95-7	oxygen depletion	≥0 – ≤10 %	1 d		ECHA

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
p-cymene	99-87-6	oxygen depletion	88 %	14 d		ECHA
Pin-2(3)-ene	80-56-8	oxygen depletion	68 %	28 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
Cineole	470-82-6		3.4	
Dorisyl	32210-23-4	234	4.8 (25 °C)	
Orange Terpenes	68647-72-3 8028-48-6	32 – 156	2.78 – 4.88	
Terpinyl acetate	80-26-2		4.4 (pH value: ~7, 30 °C)	
Terpineol	8000-41-7	24.13		
Diphenyl ether	101-84-8	196	4.21 (25 °C)	
Fixolide	1506-02-1	596	5.7 (24 °C)	
Linalool	78-70-6		2.9 (pH value: 7, 20 °C)	
Cyclamal	103-95-7		3.4 (pH value: ~7, 35 °C)	
pentyl salicylate	2050-08-0	1,136	4.4 (30 °C)	
Aldehyde C12 MNA	110-41-8		4.9 (35 °C)	
Allyl heptanoate	142-19-8	193.2	3.97 (pH value: 5.3, 20 °C)	
Dynascone	56973-85-4		4.1 (pH value: 7.2, 25 °C)	
Citronellal	106-23-0	113.6	3.62 (25 °C)	
Linalyl acetate	115-95-7	174	3.9 (25 °C)	
p-cymene	99-87-6		4.8 (pH value: ~7, 20 °C)	
Pin-2(3)-ene	80-56-8		4.487 (25 °C)	
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6		2.34	

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

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

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 or ID number

ADR/RID	UN 3082
IMDG-Code	UN 3082
ICAO-TI	UN 3082

14.2 UN proper shipping name

ADR/RID	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IMDG-Code	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO-TI	Environmentally hazardous substance, liquid, n.o.s.
Technical name (hazardous ingredients)	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Orange Terpenes

14.3 Transport hazard class(es)

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

14.4 Packing group

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

14.5 Environmental hazards

hazardous to the aquatic environment

Environmentally hazardous substance (aquatic environment)	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Orange Terpenes

14.6 Special precautions for user

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

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Not regulated when carried in single or combination packaging containing a net quantity of 5L or less or 5 kg or less per the following:
DOT: 171.4(2)
ADR: SP 375
IMDG: 2.10.2.7
IATA: special provision A197, DOT

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

Particulars in the transport document	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Orange Terpenes), 9, III, (-)
Classification code	M6
Danger label(s)	9, fish and tree

Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	274, 335, 375, 601
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L

Transport category (TC)	3
Tunnel restriction code (TRC)	-
Hazard identification No	90
Emergency Action Code	3Z

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

Classification code	M6
Danger label(s)	9, fish and tree

Environmental hazards	yes (hazardous to water)
Special provisions (SP)	274, 335, 375, 601
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
Transport category (TC)	3
Hazard identification No	90

International Maritime Dangerous Goods Code (IMDG) - Additional information

Particulars in the shipper's declaration	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Orange Terpenes), 9, III
Marine pollutant	yes (hazardous to the aquatic environment) (Orange Terpenes)
Danger label(s)	9, fish and tree

Special provisions (SP)	274, 335, 969
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-F
Stowage category	A

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

Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Orange Terpenes), 9, III
Environmental hazards	yes (hazardous to the aquatic environment)
Danger label(s)	9, fish and tree

Special provisions (SP)	A97, A158, A197, A215
Excepted quantities (EQ)	E1
Limited quantities (LQ)	30 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

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

none of the ingredients are listed

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

none of the ingredients are listed

Water Framework Directive (WFD)

List of pollutants (WFD)

Name of substance	CAS No	Listed in	Remarks
Linalool		a)	
Cyclamal		a)	
p-cymene		a)	

Legend
A) Indicative list of the main pollutants

Regulation on the marketing and use of explosives precursors

none of the ingredients are listed

Regulation on drug precursors

none of the ingredients are listed

Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

National regulations (GB)

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

none of the ingredients are listed

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)

Name of substance	Name acc. to inventory	CAS No	No
California Scents Car Scents LA Lavender	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC		3
Orange Terpenes	flammable / pyrophoric		40
Pin-2(3)-ene	flammable / pyrophoric		40
Cineole	flammable / pyrophoric		40
p-cymene	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	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	all ingredients are listed

Country	Inventory	Status
US	TSCA	all ingredients are listed (ACTIVE)
VN	NCI	all ingredients are listed

Legend

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical 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
15.1		National inventories: change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2017/164/EU	Commission Directive establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
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
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate

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Abbr.	Descriptions of used abbreviations
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
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
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
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
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code

Abbr.	Descriptions of used abbreviations
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
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
LOEC	Lowest Observed Effect Concentration
log KOW	n-Octanol/water
NLP	No-Longer Polymer
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
Repr.	Reproductive toxicity
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).

California Scents Car Scents LA Lavender

Version number: GHS 7.1
Replaces version of: 2023-07-07 (GHS 6)

Revision: 2023-09-11

Classification procedure

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

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

Code	Text
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

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