Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Palms Newport New Car

Version number: 12.0
Replaces version of: 2024-02-06 (11)

Revision: 2024-09-06

SECTION 1: Identification

1.1 Product identifier

Trade name: **California Scents Palms Newport New Car**

Alternative number(s): 091400040734, 091400040680, 091400040246, 091400041151, 091400039356, 091400039387

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

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)
e-mail: Autocare.regulatory@energizer.com
Website: https://data.energizer.com

1.4 Emergency telephone number

Emergency information service: FOR EMERGENCY in USA & Canada CALL +1 800 255-3924 / For International CALL +1 813 248 0585
This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard statement
A.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
A.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
A.4S	skin sensitization	1	Skin Sens. 1	H317

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word: warning

- Pictograms

GHS07

- Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

- Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves.
P302+P352	If on skin: Wash with plenty of water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling

Hexyl cinnamaldehyde, Linalyl acetate, 3,7-dimethylnona-1,6-dien-3-ol, Linalool, Citronellol, Isocyclocitral, Dimethylcyclohex-3-ene-1-carbaldehyde, 3,7-dimethylocta-1,6-diene, Cyclamal, Tetramethyl Acetyloctahydronaphthalenes

2.3 Other hazards

Hazards not otherwise classified

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) 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
Linalyl acetate	CAS No 115-95-7	5 – < 10	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Dihydromyrcenol	CAS No 18479-58-8	1 – < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H336 Flam. Liq. 4 / H227	
Florosol	CAS No 63500-71-0	1 – < 5	Eye Irrit. 2 / H319	
3,7-dimethylnona-1,6-dien-3-ol	CAS No 10339-55-6	1 – < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Hexyl cinnamaldehyde	CAS No 101-86-0 165184-98-5	1 – < 5	Acute Tox. 4 / H332 Skin Sens. 1 / H317	
Linalool	CAS No 78-70-6	1 – < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Citronellol	CAS No 106-22-9	1 – < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
Isocyclocitral	CAS No 1335-66-6	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317	
Dimethylcyclohex-3-ene-1-carbaldehyde	CAS No 27939-60-2	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
3,7-dimethylocta-1,6-diene	CAS No 2436-90-0	< 1	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	
Cyclamal	CAS No 103-95-7	< 1	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Tetramethyl Acetyloctahydronaphthalenes	CAS No proprietary	< 1	Skin Irrit. 2 / H315 Skin Sens. 1B / H317	

Remarks

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. In case of respiratory tract irritation, consult a physician. 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: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate 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 vapors/dust/aerosols/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, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

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

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

- Specific notes/details

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

Advice on general occupational hygiene

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

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) 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
US	cellulose	9004-34-6	REL		10 (10 h)						NIOSH REL
US	cellulose	9004-34-6	TLV®		10						ACGIH® 2024
US	cellulose	9004-34-6	PEL		15					dust	29 CFR 1910.1000
US	cellulose	9004-34-6	REL		5 (10 h)					r	NIOSH REL
US	cellulose	9004-34-6	PEL		5					r	29 CFR 1910.1000

Notation

Ceiling-C	ceiling value is a limit value above which exposure should not occur
dust	as dust
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

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Linalyl acetate	115-95-7	DNEL	2.75 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	human, dermal	worker (industry)	acute - local effects

Relevant DNELs of components

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
			µg/cm²			
Dihydromyrcenol	18479-58-8	DNEL	24.7 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Dihydromyrcenol	18479-58-8	DNEL	7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	DNEL	3 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	DNEL	18 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	DNEL	2.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	DNEL	5.5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Florosol	63500-71-0	DNEL	44.1 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Florosol	63500-71-0	DNEL	41.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Hexyl cinnamaldehyde	101-86-0 165184-98-5	DNEL	0.078 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Hexyl cinnamaldehyde	101-86-0 165184-98-5	DNEL	6.28 mg/m³	human, inhalatory	worker (industry)	acute - local effects
Hexyl cinnamaldehyde	101-86-0 165184-98-5	DNEL	18.2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Hexyl cinnamaldehyde	101-86-0 165184-98-5	DNEL	525 µg/cm²	human, dermal	worker (industry)	chronic - local effects
Hexyl cinnamaldehyde	101-86-0 165184-98-5	DNEL	525 µg/cm²	human, dermal	worker (industry)	acute - local 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
Linalool	78-70-6	DNEL	3.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Citronellol	106-22-9	DNEL	161.6 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Citronellol	106-22-9	DNEL	10 mg/m³	human, inhalatory	worker (industry)	chronic - local effects

Relevant DNELs of components

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Citronellol	106-22-9	DNEL	10 mg/m³	human, inhalatory	worker (industry)	acute - local effects
Citronellol	106-22-9	DNEL	327.4 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Citronellol	106-22-9	DNEL	2,950 µg/cm²	human, dermal	worker (industry)	acute - local effects
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	DNEL	24.5 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	DNEL	7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	DNEL	1,163 µg/cm²	human, dermal	worker (industry)	chronic - local 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
Tetramethyl Acetyloctahydronaphthalenes	proprietary	DNEL	30 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Tetramethyl Acetyloctahydronaphthalenes	proprietary	DNEL	28.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Tetramethyl Acetyloctahydronaphthalenes	proprietary	DNEL	648 µg/cm²	human, dermal	worker (industry)	chronic - local effects

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Linalyl acetate	115-95-7	PNEC	0.11 mg/l	aquatic organisms	water	intermittent release
Linalyl acetate	115-95-7	PNEC	0.011 mg/l	aquatic organisms	freshwater	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	1 mg/l	aquatic organ-	sewage treatment	short-term (single

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
				isms	plant (STP)	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)
Dihydromyrcenol	18479-58-8	PNEC	111 mg/kg	aquatic organisms	water	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.278 mg/l	aquatic organisms	water	intermittent release
Dihydromyrcenol	18479-58-8	PNEC	27.8 µg/l	aquatic organisms	freshwater	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	2.78 µg/l	aquatic organisms	marine water	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.594 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.059 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dihydromyrcenol	18479-58-8	PNEC	0.103 mg/kg	terrestrial organisms	soil	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	8.53 mg/kg	aquatic organisms	water	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	0.23 mg/l	aquatic organisms	water	intermittent release
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	0.023 mg/l	aquatic organisms	freshwater	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	0.002 mg/l	aquatic organisms	marine water	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	0.223 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	0.022 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	PNEC	0.031 mg/kg	terrestrial organisms	soil	short-term (single instance)

California Scents Palms Newport New Car

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Florosol	63500-71-0	PNEC	0.94 $^{mg}/_{l}$	aquatic organisms	water	intermittent release
Florosol	63500-71-0	PNEC	0.094 $^{mg}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Florosol	63500-71-0	PNEC	0.009 $^{mg}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Florosol	63500-71-0	PNEC	10 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Florosol	63500-71-0	PNEC	0.412 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Florosol	63500-71-0	PNEC	0.041 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Florosol	63500-71-0	PNEC	0.09 $^{mg}/_{kg}$	terrestrial organisms	soil	short-term (single instance)
Hexyl cinnamaldehyde	101-86-0 165184-98-5	PNEC	0.001 $^{mg}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Hexyl cinnamaldehyde	101-86-0 165184-98-5	PNEC	0 $^{mg}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Hexyl cinnamaldehyde	101-86-0 165184-98-5	PNEC	10 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Hexyl cinnamaldehyde	101-86-0 165184-98-5	PNEC	3.2 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Hexyl cinnamaldehyde	101-86-0 165184-98-5	PNEC	0.064 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Hexyl cinnamaldehyde	101-86-0 165184-98-5	PNEC	0.398 $^{mg}/_{kg}$	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)

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Linalool	78-70-6	PNEC	0.327 mg/kg	terrestrial organisms	soil	short-term (single instance)
Citronellol	106-22-9	PNEC	0.024 mg/l	aquatic organisms	water	intermittent release
Citronellol	106-22-9	PNEC	0.002 mg/l	aquatic organisms	freshwater	short-term (single instance)
Citronellol	106-22-9	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
Citronellol	106-22-9	PNEC	580 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Citronellol	106-22-9	PNEC	0.026 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Citronellol	106-22-9	PNEC	0.003 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Citronellol	106-22-9	PNEC	0.004 mg/kg	terrestrial organisms	soil	short-term (single instance)
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	PNEC	0.009 mg/l	aquatic organisms	freshwater	short-term (single instance)
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	PNEC	13.8 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	PNEC	0.169 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	PNEC	0.017 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	PNEC	0.025 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)
Cyclamal	103-95-7	PNEC	1.02 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
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)
Tetramethyl Acetyloctahydronaphthalenes	proprietary	PNEC	4.4 $^{µg}/_{l}$	aquatic organisms	freshwater	short-term (single instance)
Tetramethyl Acetyloctahydronaphthalenes	proprietary	PNEC	0.44 $^{µg}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Tetramethyl Acetyloctahydronaphthalenes	proprietary	PNEC	10 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Tetramethyl Acetyloctahydronaphthalenes	proprietary	PNEC	3.73 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Tetramethyl Acetyloctahydronaphthalenes	proprietary	PNEC	0.75 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Tetramethyl Acetyloctahydronaphthalenes	proprietary	PNEC	2.7 $^{mg}/_{kg}$	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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	solid
Color	blue - black

Odor	Conforms to standard

Other safety parameters

pH (value)	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	193 °C at 100.9 kPa
Flash point	93.33 °C
Evaporation rate	Not determined
Flammability (solid, gas)	non-combustible
Explosion limits of dust clouds	not determined
Vapor pressure	1 hPa at 67 °C
Density	not determined
Vapor density	this information is not available
Relative density	Information on this property is not available
Solubility(ies)	not determined

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	240 °C
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidizing properties	none

9.2 Other information — there is no additional information

SECTION 10: Stability and reactivity

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

10.2 Chemical stability
See below "Conditions to avoid".

10.3 Possibility of hazardous reactions
No known hazardous reactions.

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

Hints to prevent fire or explosion

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

10.5 Incompatible materials
Oxidizers

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 OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
Florosol	63500-71-0	oral	>2,000 $^{mg}/_{kg}$
Florosol	63500-71-0	dermal	>2,000 $^{mg}/_{kg}$
Hexyl cinnamaldehyde	101-86-0 165184-98-5	oral	3,100 $^{mg}/_{kg}$
Hexyl cinnamaldehyde	101-86-0 165184-98-5	dermal	>3,000 $^{mg}/_{kg}$
Hexyl cinnamaldehyde	101-86-0 165184-98-5	inhalation: vapor	11 $^{mg}/_{l}$/4h
Hexyl cinnamaldehyde	101-86-0 165184-98-5	inhalation: dust/mist	>2.12 $^{mg}/_{l}$/4h
Linalool	78-70-6	oral	2,790 $^{mg}/_{kg}$
Citronellol	106-22-9	oral	3,450 $^{mg}/_{kg}$
Citronellol	106-22-9	dermal	2,650 $^{mg}/_{kg}$
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	oral	3,900 $^{mg}/_{kg}$
Cyclamal	103-95-7	oral	>2,000 $^{mg}/_{kg}$

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Causes serious eye irritation.

Respiratory or skin sensitization
May cause an allergic skin reaction.

Germ cell mutagenicity
Shall not be classified as germ cell mutagenic.

Carcinogenicity
Shall not be classified as carcinogenic.

Reproductive toxicity
Shall not be classified as a reproductive toxicant.

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

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

Aspiration hazard
Shall not be classified as presenting an aspiration hazard.

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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
Linalyl acetate	115-95-7	ErC50	62 $^{mg}/_{l}$	algae	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
Dihydromyrcenol	18479-58-8	LC50	27.8 $^{mg}/_{l}$	fish	96 h
Dihydromyrcenol	18479-58-8	EC50	38 $^{mg}/_{l}$	aquatic invertebrates	48 h
Dihydromyrcenol	18479-58-8	ErC50	80 $^{mg}/_{l}$	algae	72 h
Dihydromyrcenol	18479-58-8	NOEC	<3.5 $^{mg}/_{l}$	fish	96 h
Dihydromyrcenol	18479-58-8	LOEC	50 $^{mg}/_{l}$	algae	72 h
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	LC50	24 $^{mg}/_{l}$	fish	24 h
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	EC50	23 $^{mg}/_{l}$	aquatic invertebrates	48 h
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	ErC50	25.1 $^{mg}/_{l}$	algae	72 h
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	NOEC	5 $^{mg}/_{l}$	fish	96 h
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	LOEC	16 $^{mg}/_{l}$	fish	96 h
Florosol	63500-71-0	EC50	320 $^{mg}/_{l}$	aquatic invertebrates	48 h
Florosol	63500-71-0	ErC50	>100 $^{mg}/_{l}$	algae	72 h
Florosol	63500-71-0	NOEC	≥320 $^{mg}/_{l}$	aquatic invertebrates	48 h
Hexyl cinnamaldehyde	101-86-0 165184-98-5	LC50	1.7 $^{mg}/_{l}$	fish	96 h
Hexyl cinnamaldehyde	101-86-0 165184-98-5	EC50	<0.59 $^{mg}/_{l}$	aquatic invertebrates	48 h
Hexyl cinnamaldehyde	101-86-0 165184-98-5	ErC50	>0.065 $^{mg}/_{l}$	algae	72 h
Hexyl cinnamaldehyde	101-86-0 165184-98-5	NOEC	0.93 $^{mg}/_{l}$	fish	96 h
Linalool	78-70-6	LC50	27.8 $^{mg}/_{l}$	fish	96 h

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Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Linalool	78-70-6	EC50	59 $^{mg}/_{l}$	aquatic invertebrates	48 h
Linalool	78-70-6	ErC50	156.7 $^{mg}/_{l}$	algae	96 h
Linalool	78-70-6	NOEC	<3.5 $^{mg}/_{l}$	fish	96 h
Citronellol	106-22-9	LC50	14.66 $^{mg}/_{l}$	fish	96 h
Citronellol	106-22-9	EC50	17.48 $^{mg}/_{l}$	aquatic invertebrates	48 h
Citronellol	106-22-9	NOEC	4.6 $^{mg}/_{l}$	fish	96 h
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	LC50	8.61 $^{mg}/_{l}$	fish	96 h
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	EC50	26.4 $^{mg}/_{l}$	aquatic invertebrates	24 h
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	ErC50	22.2 $^{mg}/_{l}$	algae	72 h
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	NOEC	3.83 $^{mg}/_{l}$	algae	72 h
3,7-dimethylocta-1,6-diene	2436-90-0	EC50	0.16 $^{mg}/_{l}$	daphnia	48 h
3,7-dimethylocta-1,6-diene	2436-90-0	ErC50	0.12 $^{mg}/_{l}$	freshwater algae	72 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 $^{mg}/_{l}$	algae	72 h
Cyclamal	103-95-7	LOEC	2.5 $^{mg}/_{l}$	algae	72 h
Cyclamal	103-95-7	NOEC	0.72 $^{mg}/_{l}$	algae	72 h
Tetramethyl Acetyloctahydronaphthalenes	proprietary	LC50	1.3 $^{mg}/_{l}$	fish	96 h
Tetramethyl Acetyloctahydronaphthalenes	proprietary	EC50	1.38 $^{mg}/_{l}$	aquatic invertebrates	48 h
Tetramethyl Acetyloctahydronaphthalenes	proprietary	ErC50	>2.6 $^{mg}/_{l}$	algae	24 h
Tetramethyl Acetyloctahydronaphthalenes	proprietary	NOEC	≥2.6 $^{mg}/_{l}$	algae	72 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
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
Dihydromyrcenol	18479-58-8	EC50	17 mg/l	aquatic invertebrates	21 d
Dihydromyrcenol	18479-58-8	NOEC	9.5 mg/l	aquatic invertebrates	21 d
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	EC50	59 mg/l	aquatic invertebrates	24 h
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	LC50	28 mg/l	fish	3 h
Florosol	63500-71-0	EC50	>1,000 mg/l	microorganisms	3 h
Florosol	63500-71-0	NOEC	1,000 mg/l	microorganisms	3 h
Hexyl cinnamaldehyde	101-86-0 165184-98-5	EC50	>157 µg/l	aquatic invertebrates	21 d
Hexyl cinnamaldehyde	101-86-0 165184-98-5	NOEC	63 µg/l	aquatic invertebrates	21 d
Hexyl cinnamaldehyde	101-86-0 165184-98-5	LOEC	157 µg/l	aquatic invertebrates	21 d
Linalool	78-70-6	LC50	27.8 mg/l	fish	24 h
Linalool	78-70-6	EC50	>100 mg/l	microorganisms	30 min
Citronellol	106-22-9	EC50	>10,000 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
Tetramethyl Acetyloctahydronaphthalenes	proprietary	LC50	>0.3 mg/l	fish	30 d
Tetramethyl Acetyloctahydronaphthalenes	proprietary	EC50	>0.448 mg/l	aquatic invertebrates	21 d
Tetramethyl Acetyloctahydronaphthalenes	proprietary	NOEC	0.54 mg/l	fish	30 d
Tetramethyl Acetyloctahydronaphthalenes	proprietary	LOEC	0.29 mg/l	fish	30 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

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 at a concentration of ≥ 0.1%.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) 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/packages

Only packagings which are approved (e.g. acc. to DOT) 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

DOT	UN 3077
IMDG-Code	UN 3077
ICAO-TI	UN 3077

14.2 UN proper shipping name

DOT	Environmentally hazardous substance, solid, n.o.s.
IMDG-Code	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
ICAO-TI	Environmentally hazardous substance, solid, n.o.s.
Technical name (hazardous ingredients)	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Hexyl cinnamaldehyde

14.3 Transport hazard class(es)

DOT	9
IMDG-Code	9
ICAO-TI	9

14.4 Packing group

DOT	III

IMDG-Code	III
ICAO-TI	III

14.5 Environmental hazards — hazardous to the aquatic environment

Environmentally hazardous substance (aquatic environment) — 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Hexyl cinnamaldehyde

14.6 Special precautions for user

There is no additional information.

14.7 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

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Particulars in the shipper's declaration	UN3077, Environmentally hazardous substance, solid, n.o.s., (contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Hexyl cinnamaldehyde), 9, III
Danger label(s)	9, fish and tree

Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33
ERG No	171

International Maritime Dangerous Goods Code (IMDG) - Additional information

Particulars in the shipper's declaration	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Hexyl cinnamaldehyde), 9, III
Marine pollutant	yes (hazardous to the aquatic environment) (Hexamethylindanopyran)
Danger label(s)	9, fish and tree

Special provisions (SP)	274, 335, 966, 967, 969
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 kg
EmS	F-A, S-F
Stowage category	A

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

Particulars in the shipper's declaration	UN3077, Environmentally hazardous substance, solid, n.o.s., (contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Hexyl cinnamaldehyde), 9, III
Environmental hazards	yes (hazardous to the aquatic environment)
Danger label(s)	9, fish and tree

Special provisions (SP)	A97, A158, A179, A197, A215
Excepted quantities (EQ)	E1
Limited quantities (LQ)	30 kg

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed or exempt from listing

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Cellulose	9004-34-6	substrate	
Linalyl acetate	115-95-7		EU Fragrance Allergens
Dihydromyrcenol	18479-58-8	fragrance	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-indeno[5,6-c]pyran	1222-05-5		EU Fragrance Allergens
Florosol	63500-71-0	fragrance	
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	fragrance	
Hexyl cinnamaldehyde	101-86-0	fragrance	EU Fragrance Allergens
Linalool	78-70-6	fragrance	EU Fragrance Allergens
Citronellol	106-22-9	fragrance	EU Fragrance Allergens
Isocyclocitral	1335-66-6	fragrance	
Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	fragrance	
3,7-dimethylocta-1,6-diene	2436-90-0	fragrance	

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

Drug precursors, Chemicals designated within the Controlled Substances Act, 21 U.S.C. § 802, paragraphs 34 (list I) and 35 (list II)

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
Flammability	0	material that will not burn under typical fire conditions
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

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NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	0	material that will not burn under typical fire conditions
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

Country	Inventory	Status
AU	AIIC	not all ingredients are listed
CA	DSL	not all ingredients are listed
CA	NDSL	not all ingredients are listed
CN	IECSC	not all ingredients are listed
EU	ECSI	not 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	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
US	TSCA	all ingredients are listed (ACTIVE)
VN	NCI	not 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

Legend

ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical Inventory
NDSL	Non-domestic Substances List (NDSL)
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, including date of preparation or last revision

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relev-ant
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a con-centration of ≥ 0.1%.	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a con-centration of ≥ 0.1%.	yes
3.2		Description of the mixture: change in the listing (table)	yes
3.2		Remarks: For full text of abbreviations: see SECTION 16	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
11.1		Acute toxicity estimate (ATE) of components: change in the listing (table)	yes
12.1		Aquatic toxicity (acute) of components of the mix-ture: change in the listing (table)	yes
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 con-tain a PBT-/vPvB-substance in a concentration of ≥ 0.1%.	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not con-tain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.	yes
15.1	Toxic Substance Control Act (TSCA): not all ingredients are listed (ACTIVE)	Toxic Substance Control Act (TSCA): all ingredients are listed or exempt from listing	yes
15.1		National inventories: change in the listing (table)	yes

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). 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).

Disclaimer

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