Flight Fresh Deodorant Disc (Fresh Breeze)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 9/25/2024 Revision date: 9/25/2024 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Flight Fresh Deodorant Disc (Fresh Breeze)
Product code : Formula: SD224/2
Part No: SD-5500U

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

Relevant identified uses

Main use category : Industrial use
Use of the substance/mixture : Air freshener
Deodorizer.

1.3. Details of the supplier of the safety data sheet

Manufacturer
Celeste Industries Corporation
8007 Industrial Park Road
Easton, Maryland 21601 USA
T 1-410-822-5775
info@celestecorp.com, www.celestecorp.com

Distributor
Wynn's Belgium BV
Industriepark-West 46
B-9100 Sint-Niklaas
Belgium
T 410-822-5775

1.4. Emergency telephone number

Emergency number : For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within USA and CANADA: 1-800-424-9300; Outside USA and Canada (collect call accepted): 1-703-527-3883

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Chronic 2	H411

Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS07 GHS09

Signal word (CLP) : Warning
Contains : Linalool; D-Limonene; 4-tert-Butylcyclohexyl acetate; Lauryl aldehyde; Geraniol; Citronellol; Linalyl acetate; 2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)-; 3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)-; Allyl 3-cyclohexylpropionate; Eugenol; Cineole; 3-Cyclohexene-1-carboxaldehyde, dimethyl-; 2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-; Undecanal, 2-methyl-; 7-Hydroxycitronellal
Hazard statements (CLP) : H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

Precautionary statements (CLP)	:	H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.
Unknown acute toxicity (CLP) - SDS	:	1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 69% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
4,7-Methano-1H-indenol, 3a,4,5,6,7,7a-hexahydro-, acetate	CAS-No.: 54830-99-8 EC-No.: 259-367-2	5 – 10	Aquatic Chronic 3, H412
Benzyl acetate substance with national workplace exposure limit(s) (BE)	CAS-No.: 140-11-4 EC-No.: 205-399-7	5 – 10	Aquatic Chronic 3, H412
Phenethyl alcohol	CAS-No.: 60-12-8 EC-No.: 200-456-2	5 – 10	Acute Tox. 4 (Oral), H302 (ATE=1609 mg/kg bodyweight) Eye Irrit. 2, H319
.alpha.-Terpineol	CAS-No.: 98-55-5 EC-No.: 202-680-6;204-263-4	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
D-Limonene	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2	2 – 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
4-tert-Butylcyclohexyl acetate	CAS-No.: 32210-23-4 EC-No.: 250-954-9	2 – 5	Skin Sens. 1B, H317
Lauryl aldehyde	CAS-No.: 112-54-9 EC-No.: 203-983-6	2 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzenepentanol, .gamma.-methyl-	CAS-No.: 55066-48-3 EC-No.: 259-461-3	2 – 5	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 2, H373
Geraniol (Fragrance)	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5	1 – 2	Eye Dam. 1, H318 Skin Sens. 1, H317 Skin Irrit. 2, H315
Citronellol	CAS-No.: 106-22-9 EC-No.: 203-375-0	1 – 2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
10-Undecanal	CAS-No.: 112-45-8 EC-No.: 203-973-1	1 – 2	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4	1 – 2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
7-Hydroxycitronellal	CAS-No.: 107-75-5 EC-No.: 203-518-7	1 – 2	Eye Irrit. 2, H319 Skin Sens. 1B, H317
1,4-Dioxacycloheptadecane-5,17-dione	CAS-No.: 105-95-3 EC-No.: 203-347-8	1 – 2	Aquatic Chronic 2, H411
2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)-	CAS-No.: 106-25-2 EC-No.: 203-378-7	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)-	CAS-No.: 37677-14-8 EC-No.: 253-617-4	0.1 – 1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Allyl 3-cyclohexylpropionate	CAS-No.: 2705-87-5 EC-No.: 220-292-5	0.1 – 1	Acute Tox. 4 (Oral), H302 (ATE=380 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1600 mg/kg bodyweight) Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1	0.1 – 1	Acute Tox. 4 (Oral), H302 (ATE=1500 mg/kg bodyweight) Eye Irrit. 2, H319 Skin Sens. 1B, H317
Cineole	CAS-No.: 470-82-6 EC-No.: 207-431-5	0.1 – 1	Flam. Liq. 3, H226 Skin Sens. 1B, H317
3-Cyclohexene-1-carboxaldehyde, dimethyl-	CAS-No.: 68737-61-1 EC-No.: 272-113-5	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	CAS-No.: 57378-68-4 EC-No.: 260-709-8	0.1 – 1	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Undecanal, 2-methyl-	CAS-No.: 110-41-8 EC-No.: 203-765-0	0.1 – 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Tetrahydro-4-methyl-2-phenyl-2H-pyran	CAS-No.: 94201-73-7 EC-No.: 303-662-1	0.1 – 1	Skin Irrit. 2, H315 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.

Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO_2), dry chemical powder, foam.

Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Irritating vapours.

5.3. Advice for firefighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain spill, then place in a suitable container. Minimise dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust, mist or spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Good housekeeping is important to prevent accumulation of dust. Ensure adequate ventilation.

Hygiene measures : Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Air Freshener. Deodorizer. Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Benzyl acetate (140-11-4)	
Belgium - Occupational Exposure Limits	
OEL TWA	62 mg/m³
OEL TWA	10 ppm

Recommended monitoring procedures

Monitoring methods	
Monitoring methods	Consult the relevant monitoring standards for the region.

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Personal protection equipment

Eye and face protection

Eye protection:
None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
None necessary under normal conditions of use. Wear suitable gloves resistant to chemical penetration if handling large quantities

Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.
Other information:
Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid Absorbant disc.
Colour	:	Colourless.
Odour	:	Pleasant.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	Refer to component values below
Flammability	:	Not flammable
Explosive properties	:	Not explosive.
Oxidising properties	:	Not oxidising.
Lower explosion limit	:	Not applicable
Upper explosion limit	:	Not applicable
Flash point	:	Refer to component values below
Auto-ignition temperature	:	Refer to component values below
Decomposition temperature	:	Not available
pH	:	Not available
pH solution	:	Not available
Viscosity, kinematic	:	Not applicable
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Refer to component values below
Vapour pressure at 50°C	:	Not available
Density	:	Not available
Relative density	:	Not available
Relative vapour density at 20°C	:	Not applicable
Particle size	:	Not available

Benzyl acetate (140-11-4)	
Boiling point	213.5 °C
Flash point	101.85 °C
Auto-ignition temperature	460 °C
Vapour pressure	1.9 hPa (at 25 °C)

Phenethyl alcohol (60-12-8)	
Boiling point	218.8 °C (at 1013 hPa)
Flash point	> 200 °F (closed cup)
Auto-ignition temperature	410 °C
Vapour pressure	0.08 hPa (at 20 °C)

.alpha.-Terpineol (98-55-5)	
Boiling point	218.9 °C Atm. press.: 1 atm
Flash point	91 °C Atm. press.: 101,32 kPa
Vapour pressure	6.48 Pa Temp.: 23 °C

Linalool (78-70-6)	
Boiling point	196.3 °C Atm. press.: 99,2 kPa Decomposition: 'no' Decomp. temp.: 196,3 °C
Flash point	≈ 77.2 °C Atm. press.: 101,3 kPa
Auto-ignition temperature	235 °C
Vapour pressure	27 Pa Temp.: 298 K

D-Limonene (5989-27-5)	
Boiling point	176 °C
Flash point	51 °C Atm. press.: 1 atm
Auto-ignition temperature	237 °C
Vapour pressure	200 Pa Temp.: 298 K

4-tert-Butylcyclohexyl acetate (32210-23-4)	
Boiling point	243 °C (at 1019 hPa)
Flash point	104 °C Atm. press.: 101325 Pa
Vapour pressure	7.9 Pa (at 25 °C)

Lauryl aldehyde (112-54-9)	
Boiling point	215.85 °C Atm. press.: 101,325 kPa Decomposition: 'no'
Flash point	115.5 °C Atm. press.: 101325 Pa Remarks on result: 'other:'
Vapour pressure	0.7 Pa Temp.: 20 °C

Benzenepentanol, .gamma.-methyl- (55066-48-3)	
Boiling point	316 °C (at 1013.25 hPa)
Flash point	142.5 °C Atm. press.: 101,325 kPa
Vapour pressure	0.04 Pa Temp.: 20 °C

Geraniol (106-24-1)	
Boiling point	229 – 230 °C (at 1008 hPa)
Flash point	108 °C Atm. press.: 1013 hPa

Citronellol (106-22-9)	
Boiling point	223.8 °C Atm. press.: 1013 hPa
Flash point	107 °C (closed cup)

10-Undecanal (112-45-8)	
Boiling point	179 °C Atm. press.: 966,3 hPa Decomposition: 'no' Remarks on result: 'other:'
Flash point	> 60 °C Atm. press.: 964,4 hPa Remarks on result: 'other:'
Vapour pressure	8.7 Pa Temp.: 25 °C Remarks on result: 'other:'

Linalyl acetate (115-95-7)	
Boiling point	220 °C Atm. press.: 1013,25 hPa
Flash point	85 °C Atm. press.: 1013,25 hPa
Vapour pressure	< 1 hPa Temp.: 20 °C

2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
Boiling point	(496 K - at 985 hPa)
Flash point	> 100 °C (closed cup)
Vapour pressure	2.38 Pa (at 293.15 K)

Allyl 3-cyclohexylpropionate (2705-87-5)	
Boiling point	266.3 °C Atm. press.: 1013 hPa Decomposition: 'no'
Flash point	106 °C Atm. press.: 1013 hPa
Vapour pressure	3.8 Pa Temp.: 25 °C

Eugenol (97-53-0)	
Boiling point	248 °C (at 755 mmHg)
Flash point	124 °C Atm. press.: 1 atm
Vapour pressure	1 mm Hg (at 78.4 °C)

Cineole (470-82-6)	
Boiling point	177 °C Atm. press.: 101,325 kPa Decomposition: 'no'
Flash point	52 °C
Vapour pressure	122 Pa Temp.: 20 °C

Undecanal, 2-methyl- (110-41-8)	
Boiling point	(504 K - at 1013.25 hPa)
Flash point	68.5 °C (closed cup)
Vapour pressure	2.4 Pa (at 20 °C)

Tetrahydro-4-methyl-2-phenyl-2H-pyran (94201-73-7)	
Boiling point	(525 K - at 977 hPa)
Flash point	114 °C Atm. press.: 101,325 kPa

Tetrahydro-4-methyl-2-phenyl-2H-pyran (94201-73-7)	
Vapour pressure	3.44 Pa (at 25 °C)

7-Hydroxycitronellal (107-75-5)	
Boiling point	240.49 °C Atm. press.: 1013,25 hPa Decomposition: 'yes' Decomp. temp.: 140 °C
Flash point	100 °C

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
Boiling point	353.1 °C (at 1010 hPa)
Flash point	161 °C

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Irritating vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified. (Based on available data, the classification criteria are not met.)
Acute toxicity (dermal) : Not classified. (Based on available data, the classification criteria are not met.)
Acute toxicity (inhalation) : Not classified. (Based on available data, the classification criteria are not met.)

Benzyl acetate (140-11-4)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit

Phenethyl alcohol (60-12-8)	
LD50 oral rat	1609 mg/kg (Source: EPA_HPV)
LD50 dermal rabbit	2535 mg/kg (Source: EPA_HPV)

Phenethyl alcohol (60-12-8)	
LC50 inhalation rat	> 4.63 mg/l/4h

.alpha.-Terpineol (98-55-5)	
LD50 oral rat	5170 mg/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)

Linalool (78-70-6)	
LD50 oral rat	2790 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2440 - 3180
LD50 oral	3120 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2620 - 3620
LD50 dermal rabbit	5610 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 3578 - 8374

D-Limonene (5989-27-5)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)

4-tert-Butylcyclohexyl acetate (32210-23-4)	
LD50 oral rat	5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)

Lauryl aldehyde (112-54-9)	
LD50 oral rat	23 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)

Benzenepentanol, .gamma.-methyl- (55066-48-3)	
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)

Geraniol (106-24-1)	
LD50 oral rat	3600 mg/kg bodyweight Animal: rat, 95% CL: 2840 - 4570
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit

Citronellol (106-22-9)	
LD50 oral rat	3450 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	2650 mg/kg (Source: EPA_HPV)

10-Undecanal (112-45-8)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)

Linalyl acetate (115-95-7)	
LD50 oral rat	> 9000 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)
LC50 inhalation rat	> 18.94 mg/l (Exposure time: 8 h Source: ECHA)

2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
LD50 oral rat	4500 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)

3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)- (37677-14-8)	
LD50 oral rat	7500 µl/kg (Source: NLM_CIP)

Allyl 3-cyclohexylpropionate (2705-87-5)	
LD50 oral rat	585 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 480 - 714
LD50 oral	380 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 172 - 834
LD50 dermal rabbit	1600 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 430 - 2770

Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
LD50 oral	1500 – 1500 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

Cineole (470-82-6)	
LD50 oral rat	2480 mg/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))

Undecanal, 2-methyl- (110-41-8)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 10 ml/kg (Source: ECHA_API)

Tetrahydro-4-methyl-2-phenyl-2H-pyran (94201-73-7)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 (Acute Toxicity (Oral))

7-Hydroxycitronellal (107-75-5)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
LD50 oral rat	> 5000 mg/kg (Source: ECHA)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)

Unknown acute toxicity (CLP) - SDS : 1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
69% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Skin corrosion/irritation : Causes skin irritation.

10-Undecanal (112-45-8)	
pH	5.07 Temp.: 29 °C Concentration: 1 other: Remarks on result: 'other:'

Serious eye damage/irritation : Causes serious eye irritation.

10-Undecanal (112-45-8)	
pH	5.07 Temp.: 29 °C Concentration: 1 other: Remarks on result: 'other:'

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified. (Based on available data, the classification criteria are not met.)

Carcinogenicity : Not classified. (Based on available data, the classification criteria are not met.)

Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable

D-Limonene (5989-27-5)	
IARC group	3 - Not classifiable

Eugenol (97-53-0)	
IARC group	3 - Not classifiable

Geraniol (106-24-1)	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)

7-Hydroxycitronellal (107-75-5)	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)

Reproductive toxicity : Not classified. (Based on available data, the classification criteria are not met.)

D-Limonene (5989-27-5)	
NOAEL (animal/female, F0/P)	600 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:

Lauryl aldehyde (112-54-9)	
LOAEL (animal/female, F0/P)	1500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:

STOT-single exposure : Not classified. (Based on available data, the classification criteria are not met.)

STOT-repeated exposure : Not classified. (Based on available data, the classification criteria are not met.)

Phenethyl alcohol (60-12-8)	
NOAEL (dermal, rat/rabbit, 90 days)	510 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

.alpha.-Terpineol (98-55-5)	
NOAEL (oral, rat, 90 days)	≥ 314 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Linalool (78-70-6)	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Benzenepentanol, .gamma.-methyl- (55066-48-3)	
NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Geraniol (106-24-1)	
NOAEL (dermal, rat/rabbit, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: other:OECD Guideline 421 (Reproduction/Developmental Toxicity Screening test), Guideline: other:EPA OPPTS 870.3550 (Reproduction/Developmental Toxicity Screening Test)

Citronellol (106-22-9)	
NOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight Animal: rat, Guideline: other:Specifications for the Conduct of Studies to Evaluate the Toxic and Carcinogenic Potential of Chemical, Biological, and Physical Agents in Laboratory Animals for the National Toxicology Program (NTP)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.063 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

10-Undecanal (112-45-8)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)

Linalyl acetate (115-95-7)	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Eugenol (97-53-0)	
NOAEL (subchronic, oral, animal/male, 90 days)	≥ 900 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: other:
NOAEL (subchronic, oral, animal/female, 90 days)	450 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: other:

Cineole (470-82-6)	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:japanese Ministry of Economy Trade and Industry Guideline for 28 day repeat oral dose toxicity study., Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents), Guideline: EPA OPPTS 870.3150 (90-Day Oral Toxicity in Nonrodents)

7-Hydroxycitronellal (107-75-5)	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (subchronic, oral, animal/male, 90 days)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)

Aspiration hazard : Not classified. (Based on available data, the classification criteria are not met.)

Benzyl acetate (140-11-4)	
Viscosity, kinematic	4.265 mm²/s

Linalool (78-70-6)	
Viscosity, kinematic	5.192 mm²/s

Eugenol (97-53-0)	
Viscosity, kinematic	7.876 mm²/s

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Other information

Other information : Likely routes of exposure: inhalation, skin and eye

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short–term (acute) : Not classified. (Based on available data, the classification criteria are not met.)
Hazardous to the aquatic environment, long–term (chronic) : Toxic to aquatic life with long lasting effects.

Benzyl acetate (140-11-4)	
LC50 - Fish [1]	4 mg/l Test organisms (species): Oryzias latipes
EC50 - Crustacea [1]	17 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	110 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	92 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC chronic fish	0.92 mg/l Test organisms (species): Oryzias latipes Duration: '28 d'

Phenethyl alcohol (60-12-8)	
LC50 - Fish [1]	215 – 464 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	490 mg/l (Species: Desmodesmus subspicatus)

.alpha.-Terpineol (98-55-5)	
LC50 - Fish [1]	70 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	73 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	≈ 68 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	≈ 17 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Linalool (78-70-6)	
LC50 - Fish [1]	27.8 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	59 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [2]	156.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

D-Limonene (5989-27-5)	
LC50 - Fish [1]	720 µg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
EC50 - Crustacea [1]	0.36 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	0.51 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	≈ 8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

D-Limonene (5989-27-5)	
NOEC (chronic)	0.115 mg/l Test organisms (species): other:For freshwater invertebrates, species frequently include Daphnia magna or Daphnia pulex. Duration: '16 d'

4-tert-Butylcyclohexyl acetate (32210-23-4)	
LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA)
EC50 - Crustacea [1]	5.3 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Lauryl aldehyde (112-54-9)	
LC50 - Fish [1]	≈ 2.6 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 0.27 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 0.048 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	> 0.35 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Benzenepentanol, .gamma.-methyl- (55066-48-3)	
LC50 - Fish [1]	13.3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	13 mg/l Test organisms (species): Daphnia magna

Geraniol (106-24-1)	
LC50 - Fish [1]	≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	10.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Citronellol (106-22-9)	
LC50 - Fish [1]	14.66 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	17.48 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	2.4 mg/l Test organisms (species):

10-Undecanal (112-45-8)	
LC50 - Fish [1]	> 18.72 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	1.3 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	> 5 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	0.201 mg/l Test organisms (species): Daphnia sp. Duration: '21 d'
NOEC chronic fish	0.213 mg/l Test organisms (species): other: Duration: '28 d'

Linalyl acetate (115-95-7)	
LC50 - Fish [1]	11 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustacea [1]	15 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	62 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
LC50 - Fish [1]	20.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)

2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
EC50 - Crustacea [1]	32.4 mg/l Test organisms (species): Daphnia magna

Allyl 3-cyclohexylpropionate (2705-87-5)	
LC50 - Fish [1]	0.13 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	3.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	2.1 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
EC50 - Crustacea [1]	1.05 mg/l Test organisms (species): Daphnia magna

Cineole (470-82-6)	
LC50 - Fish [1]	57 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 74 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 74 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Undecanal, 2-methyl- (110-41-8)	
LC50 - Fish [1]	0.35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)

Tetrahydro-4-methyl-2-phenyl-2H-pyran (94201-73-7)	
EC50 - Crustacea [1]	21 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	12 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	8.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

7-Hydroxycitronellal (107-75-5)	
LC50 - Fish [1]	31.6 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	410 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	123.32 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
LC50 - Fish [1]	1.23 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	2.13 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	> 6.94 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	14.579 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h - Algae [1]	0.788 mg/l Test organisms (species): other:

12.2. Persistence and degradability

Flight Fresh Deodorant Disc (Fresh Breeze)	
Persistence and degradability	Not established.
4,7-Methano-1H-indenol, 3a,4,5,6,7,7a-hexahydro-, acetate (54830-99-8)	
Persistence and degradability	Rapidly degradable
Benzyl acetate (140-11-4)	
Persistence and degradability	Rapidly degradable
Phenethyl alcohol (60-12-8)	
Persistence and degradability	Rapidly degradable
.alpha.-Terpineol (98-55-5)	
Persistence and degradability	Rapidly degradable
Linalool (78-70-6)	
Persistence and degradability	Rapidly degradable
D-Limonene (5989-27-5)	
Persistence and degradability	Rapidly degradable
4-tert-Butylcyclohexyl acetate (32210-23-4)	
Persistence and degradability	Rapidly degradable
Lauryl aldehyde (112-54-9)	
Persistence and degradability	Rapidly degradable
Benzenepentanol, .gamma.-methyl- (55066-48-3)	
Persistence and degradability	Rapidly degradable
Geraniol (106-24-1)	
Persistence and degradability	Rapidly degradable
Citronellol (106-22-9)	
Persistence and degradability	Rapidly degradable
10-Undecanal (112-45-8)	
Persistence and degradability	Rapidly degradable
Linalyl acetate (115-95-7)	
Persistence and degradability	Rapidly degradable
2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
Persistence and degradability	Rapidly degradable
3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)- (37677-14-8)	
Persistence and degradability	Rapidly degradable
Allyl 3-cyclohexylpropionate (2705-87-5)	
Persistence and degradability	Rapidly degradable
Eugenol (97-53-0)	
Persistence and degradability	Rapidly degradable

Cineole (470-82-6)	
Persistence and degradability	Rapidly degradable

3-Cyclohexene-1-carboxaldehyde, dimethyl- (68737-61-1)	
Persistence and degradability	Rapidly degradable

2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)- (57378-68-4)	
Persistence and degradability	Rapidly degradable

Undecanal, 2-methyl- (110-41-8)	
Persistence and degradability	Rapidly degradable

Tetrahydro-4-methyl-2-phenyl-2H-pyran (94201-73-7)	
Persistence and degradability	Rapidly degradable

7-Hydroxycitronellal (107-75-5)	
Persistence and degradability	Rapidly degradable

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Flight Fresh Deodorant Disc (Fresh Breeze)	
Bioaccumulative potential	Not established.

Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water	1.96 (at 25 °C (at pH 7)

Phenethyl alcohol (60-12-8)	
Partition coefficient n-octanol/water	1.36 (at 20 °C (at pH 7)

Linalool (78-70-6)	
Partition coefficient n-octanol/water	2.9 (at 20 °C (at pH 7)

D-Limonene (5989-27-5)	
Partition coefficient n-octanol/water	4.38 (at 37 °C (at pH 7.2)

4-tert-Butylcyclohexyl acetate (32210-23-4)	
Partition coefficient n-octanol/water	4.8 (at 25 °C)

Lauryl aldehyde (112-54-9)	
Partition coefficient n-octanol/water	4.9 (at 35 °C)

Benzenepentanol, .gamma.-methyl- (55066-48-3)	
Partition coefficient n-octanol/water	2.7 (at 30 °C)

Geraniol (106-24-1)	
Partition coefficient n-octanol/water	2.6 (at 25 °C)

Citronellol (106-22-9)	
Partition coefficient n-octanol/water	3.41 (at 25 °C)

10-Undecanal (112-45-8)	
Partition coefficient n-octanol/water	4.672 (at 25 °C)

Linalyl acetate (115-95-7)	
Partition coefficient n-octanol/water	3.9 (at 25 °C)

2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
Partition coefficient n-octanol/water	2.76 (at 30 °C (at pH 6.5)

Allyl 3-cyclohexylpropionate (2705-87-5)	
Partition coefficient n-octanol/water	4.28 (at 20 °C (at pH 5.3)

Eugenol (97-53-0)	
Partition coefficient n-octanol/water	1.83 (at 30 °C (at pH 5.5)

Cineole (470-82-6)	
Partition coefficient n-octanol/water	3.4

Undecanal, 2-methyl- (110-41-8)	
Partition coefficient n-octanol/water	4.9 (at 35 °C)

Tetrahydro-4-methyl-2-phenyl-2H-pyran (94201-73-7)	
Partition coefficient n-octanol/water	3.43 (at 30 °C (at pH 7)

7-Hydroxycitronellal (107-75-5)	
Partition coefficient n-octanol/water	1.68 (at 25 °C)

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
Partition coefficient n-octanol/water	4.3 (at 25 °C (at pH 6.4-7)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Flight Fresh Deodorant Disc (Fresh Breeze)
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

Additional information : No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

UN-No. (ADR) : UN 3077
UN-No. (IMDG) : UN 3077
UN-No. (IATA) : UN 3077

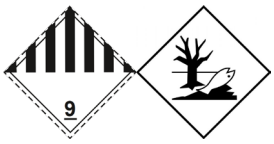
14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (D-Limonene and Lauryl aldehyde)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (D-Limonene and Lauryl aldehyde)
Proper Shipping Name (IATA) : Environmentally hazardous substance, solid, n.o.s. (D-Limonene and Lauryl aldehyde)

14.3. Transport hazard class(es)

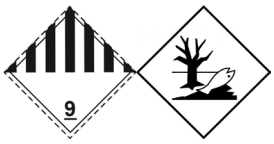
ADR

Transport hazard class(es) (ADR) : 9
Danger labels (ADR) : 9
:



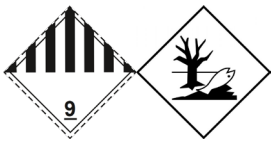
IMDG

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9
:



IATA

Transport hazard class(es) (IATA) : 9
Danger labels (IATA) : 9
:



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

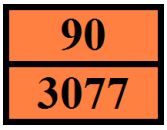
Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

Overland transport

Orange plates :



Transport by sea

No data available

Air transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no REACH candidate substance.

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

Belgium

Belgian National Regulations : Not determined.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:
None.

Abbreviations and acronyms:	
	CLP Abbreviations: °C – Degrees Celsius °F – Degrees Fahrenheit ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road. ASTM: American Society for Testing and Materials ACGIH – American Conference of Governmental Industrial Hygienists ATE – Acute Toxicity Estimate BCF – Bioconcentration Factor BEI – Biological Exposure Index CAS – Chemical Abstracts Service CLP – Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures. CMR – Carcinogen, Mutagen, Reproductive toxin cP – centipoise (unit of dynamic viscosity) cSt – centistokes (unit of kinematic viscosity) DNEL – Derived No-effect Level DMEL – Derived Minimal Effect Level EC50 – Half maximal effective concentration ECHA – European Chemicals Agency EC-No. – European Community number EU – European Union GHS – Globally Harmonized System of Classification and Labelling of Chemicals h – Hours IATA – International Air Transport Association IC50 – Inhibition concentration IDLH – Immediately Dangerous to Life or Health IMDG – International Maritime Dangerous Goods IOELV – Indicative Occupational Exposure Limit Value KIFS – Swedish Chemicals Agency's (Kemi's) Code of Statutes kPa – kilopascal Koc – Adsorption Coefficient Kow – Octanol-Water Partition Coefficient LC50 – Median Lethal Concentration LD50 – Median Lethal Dose LOAEL – Lowest Observed Adverse Effect level mg/l – Milligram per liter mg/kg – Milligram per kilogram mg/m3 – Milligram per cubic meter Min – Minutes NIOSH – National Institute for Occupational Safety and Health NOEC – No Observed Effect Concentration NO(A)EL – No Observed (Adverse) Effect Level N.O.S. – Not Otherwise Specified OEL – Occupational Exposure Limit PBT - Persistent, Bioaccumulative and Toxic PCN – Poison Centre Notification PNEC – Predicted No Effect Concentration ppm – Parts per million PVC – Polyvinyl chloride REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 RID – European Agreement concerning the International Carriage of Dangerous Goods by Rail SDS – Safety Data Sheet STEL – Short Term Exposure Limit STOT – Specific Target Organ Toxicity SVHC – Substance of Very High Concern (CMR, vPvB, PBT) TDI – Tolerable Daily Intake TLV – Threshold Limit Value

Abbreviations and acronyms:	
	TWA – Time Weighted Average UFI – Unique Formulation Identifier UN – United Nations vPvB - Very Persistent and Very Bioaccumulative WEL – Workplace Exposure Limit WGK – Wassergefahrdungklasse – German water quality classification

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

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Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
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.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 2	H411	Calculation method

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