

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
Product code (Green Apple) : Formula: LB269/3
Part No: SD-5500G

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)



Signal word (CLP)

: Warning

Contains

: Benzyl salicylate; 4-tert-Butylcyclohexyl acetate; Heptanal, 2-(phenylmethylene)-; D-Limonene; 7-Hydroxycitronellal; 3-Octanol, 3,7-dimethyl-; Benzyl cinnamate; Geraniol; Cyclododecane, (ethoxymethoxy)-; 2-Propen-1-ol, 3-phenyl-; 3-Cyclohexene-1-carboxaldehyde, dimethyl-; 2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)-; Allyl 3-cyclohexylpropionate

Hazard statements (CLP)

: H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

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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)
23% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
77.4% 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]
2-tert-Butylcyclohexyl acetate	CAS-No.: 88-41-5 EC-No.: 201-828-7	10 – 20	Aquatic Chronic 2, H411
1,4-Dioxacycloheptadecane-5,17-dione	CAS-No.: 105-95-3 EC-No.: 203-347-8	5 – 10	Aquatic Chronic 2, H411
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5	5 – 10	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
7-Octen-2-ol, 2,6-dimethyl-	CAS-No.: 18479-58-8 EC-No.: 242-362-4	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336
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
4-tert-Butylcyclohexyl acetate	CAS-No.: 32210-23-4 EC-No.: 250-954-9	2 – 5	Skin Sens. 1B, H317
Heptanal, 2-(phenylmethylene)-	CAS-No.: 122-40-7 EC-No.: 204-541-5;453-530-3	2 – 5	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
D-Limonene	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2	1 – 2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	CAS-No.: 127-51-5 EC-No.: 204-846-3	1 – 2	Aquatic Chronic 2, H411
Benzyl acetate substance with national workplace exposure limit(s) (BE)	CAS-No.: 140-11-4 EC-No.: 205-399-7	1 – 2	Aquatic Chronic 3, H412
7-Hydroxycitronellal	CAS-No.: 107-75-5 EC-No.: 203-518-7	1 – 2	Eye Irrit. 2, H319 Skin Sens. 1B, H317
3-Octanol, 3,7-dimethyl-	CAS-No.: 78-69-3 EC-No.: 201-133-9	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Benzyl cinnamate	CAS-No.: 103-41-3 EC-No.: 203-109-3	0.1 – 1	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Geraniol (Fragrance)	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5	0.1 – 1	Eye Dam. 1, H318 Skin Sens. 1, H317 Skin Irrit. 2, H315
Cyclododecane, (ethoxymethoxy)-	CAS-No.: 58567-11-6 EC-No.: 261-332-1	0.1 – 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
2-Propen-1-ol, 3-phenyl-	CAS-No.: 104-54-1 EC-No.: 203-212-3	0.1 – 1	Acute Tox. 4 (Oral), H302 (ATE=2000 mg/kg bodyweight) Skin Sens. 1, H317 Aquatic Chronic 2, H411
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
2,6-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
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

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 general	: IF exposed or concerned: Get medical advice/attention.
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.

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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 (CO₂). Dry chemical powder.
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 fume/gas/vapours. 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.

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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.

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/m ³
OEL TWA	10 ppm

Recommended monitoring procedures

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

8.2. Exposure controls

Personal protection equipment

Eye and face protection

Eye protection:

eyewear complying with an approved standard such as the European Standard EN166 should be used when a risk assessment indicates this is necessary to avoid exposure to dusts.

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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid Absorbant disc.
Colour	: Opaque.
Odour	: Green Apple.
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 oxidizing.
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

1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)

Boiling point	353.1 °C (at 1010 hPa)
Flash point	161 °C

Benzyl salicylate (118-58-1)

Boiling point	322 °C (at 1013.25 hPa)
Flash point	176.5 °C
Vapour pressure	0.16 hPa (at 25 °C)

7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)

Boiling point	193 °C Atm. press.: 100,9 kPa
Flash point	76 °C Atm. press.: 101,325 kPa
Vapour pressure	20 Pa Temp.: 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)

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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)

Heptanal, 2-(phenylmethylene)- (122-40-7)	
Boiling point	287.2 °C Atm. press.: 967,7 hPa Decomposition: 'no' Remarks on result: 'other:'
Flash point	111.6 °C Atm. press.: 967,2 hPa Remarks on result: 'other:'
Vapour pressure	< 0.133 Pa Temp.: 20 °C Remarks on result: 'other:'

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

3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
Boiling point	266.4 °C Atm. press.: 967,1 hPa Decomposition: 'no' Remarks on result: 'other:'
Flash point	110.3 °C Atm. press.: 968,5 hPa Remarks on result: 'other:'
Vapour pressure	0.22 Pa Temp.: 20 °C Remarks on result: 'other:'

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)

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

3-Octanol, 3,7-dimethyl- (78-69-3)	
Boiling point	197 °C (at 1013.25 hPa)
Flash point	77 °C (closed cup)

Benzyl cinnamate (103-41-3)	
Boiling point	358 – 361 °C (at 1013 hPa)
Vapour pressure	1 mm Hg (at 173.8 °C)

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

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Cyclododecane, (ethoxymethoxy)- (58567-11-6)

Boiling point	290.1 °C Atm. press.: 101,3 kPa Decomposition: 'no'
Flash point	136 °C Atm. press.: 101,3 kPa
Vapour pressure	0.296 Pa Temp.: 25 °C

2-Propen-1-ol, 3-phenyl- (104-54-1)

Boiling point	258 °C
Flash point	107 °C (open cup)
Vapour pressure	1 mm Hg (at 72.6 °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

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.

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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.)

2-tert-Butylcyclohexyl acetate (88-41-5)	
LD50 oral rat	4600 mg/kg (Source: NLM_CIP)
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)
Benzyl salicylate (118-58-1)	
LD50 oral rat	2227 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)	
LD50 oral rat	3600 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)
Phenethyl alcohol (60-12-8)	
LD50 oral rat	1609 mg/kg (Source: EPA_HP V)
LD50 dermal rabbit	2535 mg/kg (Source: EPA_HP V)
LC50 inhalation rat	> 4.63 mg/l/4h
4-tert-Butylcyclohexyl acetate (32210-23-4)	
LD50 oral rat	5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Heptanal, 2-(phenylmethylene)- (122-40-7)	
LD50 oral rat	3730 mg/kg (Source: CHEMVIEW)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LD50 dermal rabbit	> 2000 mg/kg (Source: CHEMVIEW)
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)
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
LD50 oral rat	> 5000 mg/kg (Source: CHEMVIEW)
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)
Benzyl acetate (140-11-4)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)

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Benzyl acetate (140-11-4)	
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
7-Hydroxycitronellal (107-75-5)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
3-Octanol, 3,7-dimethyl- (78-69-3)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Benzyl cinnamate (103-41-3)	
LD50 oral rat	5530 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 3000 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
Cyclododecane, (ethoxymethoxy)- (58567-11-6)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
2-Propen-1-ol, 3-phenyl- (104-54-1)	
LD50 oral rat	2 g/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
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)
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
Unknown acute toxicity (CLP) - SDS	
: 1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 23% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 77.4% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))	
Skin corrosion/irritation	
: Causes skin irritation.	
Heptanal, 2-(phenylmethylene)- (122-40-7)	
pH	4.53 Temp.: 26,8 °C Concentration: 1 vol% Remarks on result: 'other:'
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
pH	5.44 Temp.: 30 °C Concentration: 1 other: Remarks on result: 'other:'

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2-Propen-1-ol, 3-phenyl- (104-54-1)	
pH	4.71 Temp.: 26,5 °C Concentration: 1 vol%
Serious eye damage/irritation	: Causes serious eye irritation.
Heptanal, 2-(phenylmethylene)- (122-40-7)	
pH	4.53 Temp.: 26,8 °C Concentration: 1 vol% Remarks on result: 'other:'
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
pH	5.44 Temp.: 30 °C Concentration: 1 other: Remarks on result: 'other:'
2-Propen-1-ol, 3-phenyl- (104-54-1)	
pH	4.71 Temp.: 26,5 °C Concentration: 1 vol%
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.)
D-Limonene (5989-27-5)	
IARC group	3 - Not classifiable
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
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)
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)
Reproductive toxicity	: Not classified. (Based on available data, the classification criteria are not met.)
Benzyl salicylate (118-58-1)	
NOAEL (animal/male, F0/P)	540 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
NOAEL (animal/female, F0/P)	180 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
D-Limonene (5989-27-5)	
NOAEL (animal/female, F0/P)	600 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:
Cyclododecane, (ethoxymethoxy)- (58567-11-6)	
NOAEL (animal/male, F0/P)	50 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
NOAEL (animal/female, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
STOT-single exposure	: Not classified. (Based on available data, the classification criteria are not met.)
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified. (Based on available data, the classification criteria are not met.)

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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)
Benzyl salicylate (118-58-1)	
NOAEL (oral, rat, 90 days)	177 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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)
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
NOAEL (oral, rat, 90 days)	30 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	50 mg/kg bodyweight Animal: rat, Guideline: other:, Remarks on results: other:
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)
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)
2-Propen-1-ol, 3-phenyl- (104-54-1)	
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

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.)

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Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.
(chronic)

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:
Benzyl salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
EC50 - Crustacea [1]	1.16 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	1.29 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	1.29 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)	
LC50 - Fish [1]	27.8 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	38 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	80 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	65 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	9.5 mg/l Test organisms (species): Daphnia magna Duration: '21 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)
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)
Heptanal, 2-(phenylmethylene)- (122-40-7)	
LC50 - Fish [1]	0.91 mg/l Test organisms (species): not specified
EC50 - Crustacea [1]	0.28 mg/l Test organisms (species): Daphnia sp.
EC50 72h - Algae [1]	> 1.5 mg/l Test organisms (species): not specified
EC50 72h - Algae [2]	2.3 mg/l Test organisms (species): not specified
NOEC (chronic)	0.041 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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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)
NOEC (chronic)	0.115 mg/l Test organisms (species): other:For freshwater invertebrates, species frequently include Daphnia magna or Daphnia pulex. Duration: '16 d'
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
LC50 - Fish [1]	10.9 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	9 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 20 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
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'
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)
3-Octanol, 3,7-dimethyl- (78-69-3)	
LC50 - Fish [1]	8.9 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
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)
Cyclododecane, (ethoxymethoxy)- (58567-11-6)	
LC50 - Fish [1]	1.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	1.6 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

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2-Propen-1-ol, 3-phenyl- (104-54-1)	
LC50 - Fish [1]	9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	7.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	19.7 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)
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)
12.2. Persistence and degradability	
Flight Fresh Deodorant Disc (Green Apple)	
Persistence and degradability	Not established.
2-tert-Butylcyclohexyl acetate (88-41-5)	
Persistence and degradability	Rapidly degradable
1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
Persistence and degradability	Rapidly degradable
Benzyl salicylate (118-58-1)	
Persistence and degradability	Not established.
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)	
Persistence and degradability	Rapidly degradable
Phenethyl alcohol (60-12-8)	
Persistence and degradability	Rapidly degradable
4-tert-Butylcyclohexyl acetate (32210-23-4)	
Persistence and degradability	Rapidly degradable
Heptanal, 2-(phenylmethylene)- (122-40-7)	
Persistence and degradability	Rapidly degradable
D-Limonene (5989-27-5)	
Persistence and degradability	Rapidly degradable
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
Persistence and degradability	Rapidly degradable
Benzyl acetate (140-11-4)	
Persistence and degradability	Rapidly degradable

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7-Hydroxycitronellal (107-75-5)	
Persistence and degradability	Rapidly degradable
3-Octanol, 3,7-dimethyl- (78-69-3)	
Persistence and degradability	Rapidly degradable
Benzyl cinnamate (103-41-3)	
Persistence and degradability	Rapidly degradable
Geraniol (106-24-1)	
Persistence and degradability	Rapidly degradable
Cyclododecane, (ethoxymethoxy)- (58567-11-6)	
Persistence and degradability	Rapidly degradable
2-Propen-1-ol, 3-phenyl- (104-54-1)	
Persistence and degradability	Rapidly degradable
3-Cyclohexene-1-carboxaldehyde, dimethyl- (68737-61-1)	
Persistence and degradability	Rapidly degradable
2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (106-25-2)	
Persistence and degradability	Rapidly degradable
Allyl 3-cyclohexylpropionate (2705-87-5)	
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
Flight Fresh Deodorant Disc (Green Apple)	
Bioaccumulative potential	Not established.
1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)	
Partition coefficient n-octanol/water	4.3 (at 25 °C (at pH 6.4-7)
Benzyl salicylate (118-58-1)	
Partition coefficient n-octanol/water	4
Bioaccumulative potential	Not established.
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)	
Partition coefficient n-octanol/water	3.25 (at 40 °C (at pH 7)
Phenethyl alcohol (60-12-8)	
Partition coefficient n-octanol/water	1.36 (at 20 °C (at pH 7)
4-tert-Butylcyclohexyl acetate (32210-23-4)	
Partition coefficient n-octanol/water	4.8 (at 25 °C)
Heptanal, 2-(phenylmethylene)- (122-40-7)	
Partition coefficient n-octanol/water	2.498 (at 25 °C (at pH 6.2)
D-Limonene (5989-27-5)	
Partition coefficient n-octanol/water	4.38 (at 37 °C (at pH 7.2)

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3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)	
Partition coefficient n-octanol/water	4.288 (at 25 °C (at pH 4.7))
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water	1.96 (at 25 °C (at pH 7))
7-Hydroxycitronellal (107-75-5)	
Partition coefficient n-octanol/water	1.68 (at 25 °C)
3-Octanol, 3,7-dimethyl- (78-69-3)	
Partition coefficient n-octanol/water	3.3 (at 20 °C)
Benzyl cinnamate (103-41-3)	
Partition coefficient n-octanol/water	4.18 (at 23.7 °C (at pH 7))
Geraniol (106-24-1)	
Partition coefficient n-octanol/water	2.6 (at 25 °C)
Cyclododecane, (ethoxymethoxy)- (58567-11-6)	
BCF - Fish [1]	(530 dimensionless (whole body w.w.))
Partition coefficient n-octanol/water	5.4 (at 25 °C)
2-Propen-1-ol, 3-phenyl- (104-54-1)	
Partition coefficient n-octanol/water	1.636 (at 27 °C (at pH 3.52))
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))

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Flight Fresh Deodorant Disc (Green Apple)	
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

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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. (2-tert-Butylcyclohexyl acetate and D-Limonene)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-tert-Butylcyclohexyl acetate and D-Limonene)
Proper Shipping Name (IATA) : Environmentally hazardous substance, solid, n.o.s. (2-tert-Butylcyclohexyl acetate and D-Limonene)

14.3. Transport hazard class(es)

ADR

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



IMDG

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



IATA

Transport hazard class(es) (IATA) : 9
Hazard 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

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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

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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

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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 – Wassergefährdungsklasse – 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.

Prepared by : Nexreg Compliance Inc.
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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.
H336	May cause drowsiness or dizziness.
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 SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Flight Fresh Deodorant Disc (Green Apple)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

Safety Data Sheet (SDS), EU - Nexreg 2024

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