

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: November 21, 2023

Version No.: 1.0

Revision: November 21, 2023

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

• **1.1 Product identifier**

• **Trade name:**

Air freshener-Citrus Fusion

• **Other means of identification:**

Registration number: No available data.

UFI code: 14TJ-40MF-G00X-VUJC

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

• **Application of the substance/ mixture:**

Consumer uses, produce fragrance and purify the air.

• **Uses advised against:**

No available data.

• **Reason why uses advised against:**

No available data.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

SC Trade & Services GmbH

Schmiedeweg 4, 45731 Waltrop, Germany

Post code: 45731

Email: info@kaeltebringer.de

National contact: Malte Schlienkamp

• **Only Representative/other EU contact point:**

No information available.

• **Further information obtainable from:**

SC Trade & Services GmbH

• **1.4 Emergency telephone number**

Giftinformationszentrum Mainz - Tel. +49 (0) 6131 19240 (24h)

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

• **2.1.1 Classification according to regulation (EC) 1272/2008:**

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Asp. Tox. 1, H304	Summation approach
Skin Irrit.2, H315	Additivity approach
Skin Sens. 1, H317	Cut-off values/concentration limits approach
Eye Irrit. 2, H319	Additivity approach
Aquatic Chronic 3, H412	Summation method

• **2.1.2 Additional information:**

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

• **2.2 Label elements**

• **Labeling according to Regulation (EC) No 1272/2008:**

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The product is labelled according to CLP Regulation.

· Hazard pictograms:

GHS07 GHS08

· Signal word:

Danger

· Hazard-determining components of labelling:

C13-C16 Isoparaffin

D-Limonene

Orange terpene

Citral

· Hazard statements:

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

· Precautionary statement:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children

P103 Read carefully and follow all instructions

P264 Wash hands and face after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/eye protection/face protection.

P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

· Supplemental label elements:

Contains: vertenex; orange sweet oil; linalool; dodecanal; lemon oil terpenes.

· 2.3 Other hazardsNone of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.None of the ingredients ($\geq 0.1\%$) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.**SECTION 3: Composition/information on ingredients****· 3.1 Substance**

Not applicable

· 3.2 Mixtures**· Description of the mixture:**

Air freshener.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
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<i>C13-C16 Isoparaffin</i>	68551-20-2	-	271-370-0	59.9	Asp. Tox. 1, H304	-
<i>D-Limonene</i>	5989-27-5	601-029-00-7	227-813-5	17.736	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M=1
<i>Orange terpene</i>	8028-48-6	-	232-433-8	15.6-18.4	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	-
<i>Citral</i>	5392-40-5	605-019-00-3	226-394-6	6.052	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	-
<i>Octanal</i>	124-13-0	-	204-683-8	0.4-2.4	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	-
<i>Vertenex</i>	32210-23-4	-	250-954-9	0.4-2	Skin Sens. 1B, H317	-
<i>Orange sweet oil</i>	8008-57-9	-	-	0.4-2	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	M=1
<i>Benzyl acetate</i>	140-11-4	-	205-399-7	0.4-2	Aquatic Chronic 3, H412	-
<i>Linalool</i>	78-70-6	603-235-00-2	201-134-4	1.604	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	-
<i>Dodecanal</i>	112-54-9	-	203-983-6	0.4-1.6	Skin Irrit.2, H315 Skin Sens. 1B, H317 Eye Irrit.2, H319	-
<i>BHT</i>	128-37-0	-	204-881-4	0.4-1.6	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE (oral)=890 mg/kg M=1 M(Chronic)=1

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Lemon oil terpenes	68917-33-9	-	-	0-0.4	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	-
Citronellol	106-22-9	-	203-375-0	0.0384	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	-
Geraniol	106-24-1	603-241-00-5	203-377-1	0.0012	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318	-
Pigment	-	-	-	0.1	None	-

Additional information:

For full text of H-statements, see SECTION 16.

SECTION 4: First aid measures**· 4.1 Description of first aid measures****General advice:**

If medical advice is needed, have product container or label at hand.

After inhalation:

Remove person to fresh air and keep comfortable for breathing.

Get medical attention if you feel unwell.

After skin contact:

Wash with plenty of soap and water.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

· 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are as indicated in sections 2 and 11.

· 4.3 Indication of any immediate medical attention and special treatment needed:

Treat according to symptom, there is not known specific medicine.

SECTION 5: Fire-fighting measures**· 5.1 Extinguishing media**

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Trade Name: Air freshener**• Suitable extinguishing agents:**

Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.

• Unsuitable extinguishing media:

Water with full jet.

• 5.2 Special hazards arising from the substance or mixture:

May produce allergic / irritant vapor in air under fire.

• 5.3 Advice for firefighters**Protective equipment:**

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures**• 6.1 Personal precautions, protective equipment and emergency procedures****• 6.1.1 For non-emergency personnel****Protective equipment:**

Wear protective gloves/ protective clothing/eye protection/face protection/ respiration protection.

Emergency procedures:

Wear personal protective equipment.

Ensure well ventilation.

Avoid breathing vapor.

Avoid contact with eyes and skin

Avoid release to the environment.

• 6.1.2 For emergency responders**Personal protective equipment:**

Wear protective gloves/ protective clothing/eye protection/face protection/ respiration protection.

• 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure good ventilation.

Dispose contaminated material as waste according to section 13.

• 6.4 Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and storage**• 7.1 Precautions for safe handling:**

Ensure adequate ventilation at workplace.

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Wear protective gloves and respiration protection.

Avoid breathing vapor.

Avoid contact with skin and eyes.

Avoid release to the environment.

- **Information about fire and explosion protection:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- **7.2 Conditions for safe storage, including any non-compatibility**

- **Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

- **Information about storage in one common storage facility:**

Keep out of reach of children.

- **Further information about storage conditions:**

Store locked up.

- **Storage class:**

11.

- **7.3 Specific end use(s):**

See section 1.2.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
5989-27-5 D-limonene		
Finland	25ppm; 140mg/m ³	50ppm; 280mg/m ³ 15 minutes average value
Germany (AGS)	5ppm; 28mg/m ³	20ppm; 110mg/m ³ 15 minutes reference period
Germany (DFG)	5ppm; 28mg/m ³	20ppm; 112mg/m ³ 15 minutes average value
5392-40-5 Citral		
Belgium	5ppm; 32mg/m ³ Inhalable fraction and vapour	-
Poland	27mg/m ³	54mg/m ³
Spain	5ppm	-
140-11-4 Benzyl acetate		
Belgium	10ppm; 62mg/m ³	-
Denmark	10ppm; 61mg/m ³	20ppm; 122mg/m ³
Latvia	5mg/m ³	-
Romania	8ppm; 50mg/m ³	13ppm; 80mg/m ³ 15 minutes average value
Spain	10ppm; 62mg/m ³	-
128-37-0 BHT		
Austria	10 mg/m ³	-
Belgium	2 mg/m ³	-
Denmark	10 mg/m ³	20 mg/m ³
Finland	10 mg/m ³	20 mg/m ³ 15 minutes average value
France	10 mg/m ³	-

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Germany (AGS)	10 mg/m ³ Inhalable aerosol and vapour	40 mg/m ³ Inhalable aerosol and vapour; 15 minutes reference period
Germany (DFG)	10 mg/m ³ Inhalable fraction and vapour	40 mg/m ³ Inhalable fraction and vapour; 15 minutes reference period
Ireland	10 mg/m ³	-
United Kingdom	10 mg/m ³	-

• DNELs:

DNEL type		DNEL worker value	DNEL consumer value
5989-27-5 D-Limonene			
Systemic effects	Long-term, inhalation exposure	66.7 mg/m ³	16.6 mg/m ³
	Long-term, dermal exposure	9.5 mg/kg bw/day	4.8 mg/kg bw/day
	Long-term, oral exposure	-	4.8 mg/kg bw/day
8028-48-6 Orange terpene			
Systemic effects	Long-term, inhalation exposure	31.1 mg/m ³	7.78 mg/m ³
	Long-term, dermal exposure	8.89 mg/kg bw/day	4.44 mg/kg bw/day
	Long-term, oral exposure	-	4.44 mg/kg bw/day
Local effects	Acute /short term, dermal exposure	185.8 µg/cm ²	92.9 µg/cm ²

• PNECs:

PNEC type	Value
5989-27-5 D-Limonene	
Freshwater	14 µg/L
Marine water	1.4 µg/L
Sewage treatment plant (STP)	1.8 mg/L
Sediment (freshwater)	3.85 mg/kg sediment dw
Sediment (marine water)	385 µg/kg sediment dw
Soil	763 µg/kg soil dw
Secondary poisoning	133 mg/kg food
8028-48-6 Orange terpene	
Freshwater	5.4 µg/L
Intermittent releases (freshwater)	5.77 µg/L
Marine water	540 ng/L
Sewage treatment plant (STP)	2.1 mg/L
Sediment (freshwater)	1.3 mg/kg sediment dw
Sediment (marine water)	130 µg/kg sediment dw
Soil	261 µg/kg soil dw

• Additional information:

The lists valid during the marking were used as basis.

• 8.2 Exposure controls

• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

• Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

Take off contaminated clothing and wash it before reuse.

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See section 7 for information about design of technical facilities.

Personal protective equipment**Eye and face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Safety glasses**

Protective goggles with side-shields.

Skin protection**Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

Other skin protection:

Not required under normal conditions of use.

For industrial applications, following protection required:

**Face protection****Safety boots****Safety overalls**

Face shield, gauntlets, boots, bodysuit are recommended.

Respiration protection:

Not required under normal conditions of use.

For industrial applications, following protection required:

**Respiratory equipment**

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

Thermal hazards:

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

• Physical state	Liquid
• Color	Colorless

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· Odor & Odor threshold	Characteristic smell
· Melting point/freezing point (or softening point/range)	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Flammable liquid
· Lower and upper explosion limit	Not determined
· Flash point	66°C (calculated value)
· Auto-ignition temperature	245°C (D-Limonene)
· Decomposition temperature	Not determined
· pH	Not determined
· Kinematic viscosity (mm ² /s)	<20.5 (40°C)
· Solubility	Not determined
· Partition coefficient n-octanol/water (log value)	Not applicable
· Vapor pressure	Not determined
· Density and/or relative density	Not determined
· Relative vapor density	Not determined
· Particle characteristics	Not determined
9.2 Other information	
9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable
· Self-accelerating polymerisation temperature	Not applicable
· Formation of explosible dust/air mixtures	Not applicable
· Acid/alkaline reserve	Not applicable
· Evaporation rate	Not determined
· Miscibility	Not determined

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• Conductivity	Not applicable
• Corrosiveness	Not applicable
• Gas group	Not applicable
• Redox potential	Not applicable
• Radical formation potential	Not applicable
• Photocatalytic properties	Not applicable
• Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

• **10.1 Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

• **10.2 Chemical stability:**

Under storage at normal ambient temperatures, the product is stable.

• **10.3 Possibility of hazardous reactions:**

No known hazardous reaction.

• **10.4 Conditions to avoid:**

High temperature and flame.

• **10.5 Incompatible materials:**

Strong oxidizing agent and acids.

• **10.6 Hazardous decomposition products:**

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

• **11.1 Information on toxicological effects**

• **Acute toxicity:**

Based on available data, the classification criteria are not met.

• LD50/LC50 values relevant for classification:		
5989-27-5 D-Limonene		
Rabbit	LD50-skin	> 5000mg/kg
Rat	LD50-oral	4400mg /kg
Mouse	LD50-oral	5600mg/kg
5392-40-5 Citral		
Rabbit	LD50-skin	2250mg/kg
Rat	LD50-oral	4960mg/kg
Mouse	LD50-oral	6000mg/kg
124-13-0 Octanal		
Rat	LC50-oral	4500mg/kg
Rabbit	LD50-skin	>5000mg/kg
Remark: All the above data are from literature.		

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Trade Name: Air freshener**• Skin corrosion/irritation:**

Causes skin irritation.

• Serious eyes damage/ irritation:

Causes serious eye irritation.

• Respiratory or skin sensitization:

May cause an allergic skin reaction.

• Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

• Carcinogenicity:

Based on available data, the classification criteria are not met.

• Reproductive toxicity:

Based on available data, the classification criteria are not met.

• STOT-single exposure:

Based on available data, the classification criteria are not met.

• STOT-repeated exposure:

Based on available data, the classification criteria are not met.

• Aspiration hazard:

May be fatal if swallowed and enters airways.

• 11.2 Information on other hazards**• 11.2.1 Endocrine disrupting properties:**

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• 11.2.2 Other information:

No known other relevant information on adverse health effects.

SECTION 12: Ecological information**• 12.1 Toxicity:****LC50/EC50/NOEC values relevant for classification:**

5989-27-5 D-Limonene

Short-term toxicity to fish

LC50 (4 days) 460 - 720 $\mu\text{g/L}$ EC50 (4 days) 688 - 702 $\mu\text{g/L}$

Long-term toxicity to fish

NOEC (28 days) 80 $\mu\text{g/L}$

Short-term toxicity to aquatic invertebrates

EC50 (48 h) 307 - 510 $\mu\text{g/L}$ EC50 (24 h) 840 $\mu\text{g/L}$

Long-term toxicity to aquatic invertebrates

NOEC (21 days) 50 - 80 $\mu\text{g/L}$ EC50 (21 days) 188 $\mu\text{g/L}$

Toxicity to aquatic algae and cyanobacteria

EC50 (72 h) 214 - 320 $\mu\text{g/L}$ NOEC (48 h) 90 $\mu\text{g/L}$

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8028-48-6 Orange terpene

Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 4.3 mg/L NOEC (72 h) 50 mg/L
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8008-57-9 Orange sweet oil

Short-term toxicity to fish	LC50 (96 h) 0.46 mg/L
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Long-term toxicity to fish	NOEC (28d) 0.08 mg/L
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Short-term toxicity to aquatic invertebrates	EC50 (48 h) 0.36 mg/L
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Long-term toxicity to aquatic invertebrates	NOEC (21d) 0.05mg/L
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Toxicity to aquatic algae and cyanobacteria	EC50 (96 h) 0.32 mg/L NOEC (72 h) 0.174 mg/L
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• 12.2 Persistence and degradability:

5989-27-5	D-Limonene	Readily biodegradable in water
8028-48-6	Orange terpene	Readily biodegradable in water
8008-57-9	Orange sweet oil	Readily biodegradable in water

• 12.3 Bio-accumulative potential:

5989-27-5	D-Limonene	Log Pow =4.38
8028-48-6	Orange terpene	Log Pow = 4.38; BFC=361
8008-57-9	Orange sweet oil	Log Pow=4.38

• 12.4 Mobility in soil:

5989-27-5	D-Limonene	Log Koc=3.38
8008-57-9	Orange sweet oil	Log Koc=3.38

• 12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

• 12.6 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• 12.7 Other adverse effects:

No known other adverse effects.

• 12.8 Additional ecological information**• General notes:**

WGK2 (German Regulation) (self-assessment): obviously hazardous to water.

Do not allow the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration**• 13.1 Waste treatment methods****• Recommendation:**

Must not be disposed together with household garbage.

• 13.2 Un-cleaned packaging**• Recommendation:**

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Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

• ADR/ADN/RID (2023 Edition)	This product is not subject to ADR/ADN/RID.
• IATA-DGR (64th)	This product is not subject to IATA-DGR.
• IMO/IMDG (40-20)	This product is not subject to IMO/IMDG code.

SECTION 15: Regulatory information

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

• MAK (German Maximum Workplace Concentration):

128-37-0	BHT	4
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• Directive 2012/18/EU

• Named dangerous substances-ANNEX I:

None of the ingredients is listed.

• Seveso category: Not applicable

• Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable

• Qualifying quantity (tonnes) for the application of upper-tier requirements: Not applicable

• National regulations.

• Water hazard class:

WGK2 (German Regulation) (self-assessment): obviously hazardous to water.

• Other regulations, limitations and prohibitive regulations

• SVHC Candidate list of REACH Regulation Annex XIV Authorization:

None of the ingredients is listed.

• REACH Regulation Annex XVII Restriction:

None of the ingredients is listed.

• REACH Regulation Annex XIV Authorization List:

None of the ingredients is listed.

• 15.2 Chemical safety assessment:

A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

• 16.1 Indication of changes:

None.

• 16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

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Trade Name: Air freshener*PNEC: Predicted No-Effect Concentration (REACH)**PBT: Persistent, Bio accumulative and Toxic**vPvB: very persistent and very bio accumulative**SVHC: Substance of Very High Concern**LD50: Lethal dose, 50 percent**LC50: Lethal concentration, 50 percent**EC50: Concentration of maximal effect, 50 percent**NOEC: No observed effect concentration**Flam. Liq. 3: Flammable liquids, hazard category 3**Acute Tox. 4: Acute toxicity, hazard category 4**Asp. Tox. 1: Aspiration toxicity, hazard category 1**Skin Irrit. 2: Skin corrosion/irritation, hazard category 2**Skin Sens. 1: Skin sensitization, hazard category 1**Skin Sens. 1B: Skin sensitization, hazard category 1B**Eye Irrit. 2: Eye damage/irritation, hazard category 2**Aquatic Acute 1: Short-term (acute) aquatic hazard, hazard category 1**Aquatic Chronic 1: Long-term (chronic) aquatic hazard, hazard category 1**Aquatic Chronic 2: Long-term (chronic) aquatic hazard, hazard category 2**Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3***• 16.3 Key literature references and sources for data:**<https://echa.europa.eu/><https://chem.nlm.nih.gov/><https://www.osha.gov/><http://www.unece.org/><http://www.imo.org/><https://www.dguv.de/><https://epa.govt.nz/><http://www.ilo.org/><https://www.phmsa.dot.gov/>**• 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:**

See section 2.1 (classification).

• 16.5 Relevant H- and EUH-phrases (number and full text):*H226 Flammable liquid and vapour**H302 Harmful if swallowed**H304 May be fatal if swallowed and enters airways**H315 Causes skin irritation**H317 May cause an allergic skin reaction**H319 Causes serious eye irritation**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***• 16.6 Training advice:**

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Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• 16.7 Further information:

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of safety data sheet