

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 11/17/2021 Revision date: 1/26/2024 Supersedes version of: 11/21/2022 Version: 2.1

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

#### **1.1. Product identifier**

Product form	: Mixture
Product name	: Citrus 250ml
UFI	: 7NPF-G00Q-3K14-C3NN
Product Code	: OE25
Type of product	: Air care products
Vaporizer	: Aerosol
Product group	: Aerosol

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

#### 1.2.1. Relevant identified uses

Main use category	:	Professional use,Consumer use
Use of the substance/mixture	:	Room fragrance. Use only as directed on the aerosol
Function or use category	:	Perfumes, fragrances

#### 1.2.2. Uses advised against

#### No additional information available

#### 1.3. Details of the supplier of the safety data sheet

MERIDA Sp. z o.o. Karkonoska 59 PL 53-015 Wrocław te. +48 71 33 97 888 sekretariat@merida.com.pl

#### 1.4. Emergency telephone number

No additional information available

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

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

Aerosol, Category 1	H222;H229
Serious eye damage/eye irritation, Category 2	H319
Hazardous to the aquatic environment – Chronic Hazard,	H412
Category 3	

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

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP) Hazard statements (CLP)

- : Danger
- : H222 Extremely flammable aerosol.
- H229 Pressurised container: May burst if heated.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements (CLP)	<ul> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P251 - Do not pierce or burn, even after use.</li> <li>P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F, 50 °C.</li> <li>P102 - Keep out of reach of children.</li> <li>P211 - Do not spray on an open flame or other ignition source.</li> <li>P260 - Do not breathe gas, spray.</li> </ul>
EUH-statements	: EUH208 - Contains Hexyl salicylate. May produce an allergic reaction.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH 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

## 3.1. Substances

#### Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
butane	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691- 32	34.16949 – 46.8993	Flam. Gas 1A, H220 Press. Gas
propane	CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: 01-2119486944- 21	21.43968 – 28.13958	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
isobutane	CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601-004-00-0 REACH-no: 01-2119485395- 27	4.01994 – 17.41974	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610- 43	13.5944688	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Propan-2-ol	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0	5 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Allyl (cyclohexyloxy)acetate	CAS-No.: 68901-15-5 EC-No.: 272-657-3 REACH-no: 01-2120770514- 54	0.3828	Acute Tox. 4 (Oral), H302 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hexyl salicylate	CAS-No.: 6259-76-3 EC-No.: 228-408-6	0.1 - 0.5	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS-No.: 63500-71-0 EC-No.: 405-040-6 EC Index-No.: 603-101-00-3 REACH-no: 01-0000015458- 64	0.01 - 0.05	Eye Irrit. 2, H319
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2- naphthyl)ethan-1-one	CAS-No.: 54464-57-2 EC-No.: 259-174-3	0.01 - 0.05	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
2,6-dimethyloct-7-en-2-ol	CAS-No.: 18479-58-8 EC-No.: 242-362-4	0.01 - 0.05	Skin Irrit. 2, H315 Skin Sens. 1, H317
galaxolide (HHCB)	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	0.01 - 0.05	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Pentadecan-15-olide	CAS-No.: 106-02-5 EC-No.: 203-354-6 REACH-no: 01-2119987323- 31	0.010 - 0.050	Skin Sens. 1, H317 Aquatic Chronic 2, H411
acetyl cedrene	CAS-No.: 32388-55-9 EC-No.: 251-020-3	0.01 - 0.05	Skin Sens. 1, H317 Aquatic Chronic 1, H410 (M=1)
(1,7,7-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	CAS-No.: 68877-29-2 EC-No.: 272-556-4	0.01 - 0.05	Not classified

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. Full text of H- and EUH-statements: see section 16

### **SECTION 4: First aid measures**

4.1. Descri	tion of first aid measu	res

First-aid measures general	: In case of doubt or persistent symptoms, consult always a physician.	
First-aid measures after inhalation	: May produce an allergic reaction. In all cases of doubt, or when symptoms persist, seek medical attention. Remove person to fresh air and keep comfortable for breathing. Keep warm and in a quiet place.	
First-aid measures after skin contact	: May produce an allergic reaction. Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Remove contaminated clothes. If skin irritation occurs: Get medical advice/attention.	
First-aid measures after eye contact	: Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain medical attention if pain, blinking or redness persists. If irritation persists, consult a doctor.	
First-aid measures after ingestion	<ul> <li>If swallowed, rinse mouth with water (only if the person is conscious). IF SWALLOWED: Immediately call a POISON CENTER/doctor. Allow the victim to rest. Do NOT induce vomiting. Seek medical advice (show the label where possible).</li> </ul>	
4.2. Most important symptoms and effects, both acute and delayed		

Symptoms/effects

: Refer to section 11.

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

If you feel unwell, seek medical advice (show the label where possible). Call a POISON CENTER or doctor/physician if you feel unwell.

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SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	<ul> <li>ABC-powder. Use water spray or fog for cooling exposed containers. Water spray. Water fog. Dry chemical, CO2, dry sand, or alcohol-resistant foam. BC-powder. Do not allow run-off from fire-fighting to enter drains or water courses.</li> <li>Do not use water jet.</li> </ul>
5.2. Special hazards arising from the subs	tance or mixture
Fire hazard	: Move containers from fire area if this can be done without risk. Use water spray to keep fire-
Explosion hazard	exposed containers cool. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed. Promptly isolate the scene
	by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Reactivity in case of fire	: Do not breathe smoke.
Hazardous decomposition products in case of fire	: Fire will produce dense black smoke. Carbon dioxide. Carbon monoxide. Thermal decomposition generates toxic vapours.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions	<ul> <li>Evacuate area.</li> <li>Use standard firefighting procedures. Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers.</li> </ul>
Protection during firefighting Other information	<ul> <li>Use self-contained breathing apparatus and chemically protective clothing.</li> <li>Evacuate unnecessary personnel.</li> </ul>

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
General measures : See Headings 7 and 8.		
6.1.1. For non-emergency personnel		
Protective equipment :	Avoid contact with skin and eyes.	
Emergency procedures :	Keep away from sources of ignition - No smoking.	
6.1.2. For emergency responders		
Protective equipment :	Wear suitable protective clothing. See Section 8.	
6.2. Environmental precautions		

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Do not empty into drains. Notify authorities if product enters sewers or public waters. Collect up the product and place it in a spare container suitably labelled. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Clean preferably with a detergent - Avoid the use of solvents.	
6.4. Reference to other sections		

No additional information available

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	<ul> <li>Fire prevention : Handle in well-ventilated areas.</li> <li>Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.</li> <li>Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.</li> <li>Do not spray on a naked flame or any incandescent material.</li> <li>Do not pierce or burn, even after use.</li> <li>Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.</li> <li>Keep packages tightly closed and away from sources of heat, sparks and naked flames.</li> <li>Do not use tools which may produce sparks. Do not smoke.</li> <li>Prevent access by unauthorised personnel.</li> </ul>
Precautions for safe handling Hygiene measures	<ul> <li>Always wash hands after handling the product. Remove contaminated clothing immediately. Provide local exhaust or general room ventilation. Use only in well-ventilated areas.</li> <li>Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.</li> </ul>
7.2. Conditions for safe storage, including	any incompatibilities
Storage conditions	: Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. The floor of the depot should be impermeable and designed to form a water-tight basin. Store in a dry place. Keep out of frost.
Heat and ignition sources	: Keep away from heat and direct sunlight.
Packaging materials	: Keep only in the original container in a cool,well-ventilated place away from combustible materials.
7.3. Specific end use(s)	

# No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation. Eyewash station.

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#### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

#### Eye protection:

Wear suitable protective clothing and eye/face protection. eye protection. Do not spray into eyes. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety goggles	Droplet	With side shields	EN 166

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Separate working clothes from town clothes. Launder separately. Work clothing worn by personnel shall be laundered regularly. Not necessary at efficient use.

#### Hand protection:

Wear suitable gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required. Always wash hands after handling the product. Not necessary at efficient use.

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves, Disposable gloves	Nitrile rubber (NBR)				EN 374-2

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Do not breathe spray. Use only outdoors or in a well-ventilated area

Respiratory protection			
Device	Filter type	Condition	Standard
Gas filters	Filter A1/B1		EN 14387

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Other information:

Use personal protective equipment that is clean and has been properly maintained. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Avoid contact with eyes.

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SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: Colourless.
Appearance	: Aerosol.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not applicable
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0.62 g/cm <sup>3</sup>
Relative density	: Not available
	. NOL available
Relative vapour density at 20°C	: Not available

#### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients

: 89.934151199 %

#### 9.2.2. Other safety characteristics

No additional information available

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No additional information available

#### **10.2. Chemical stability**

Stable under normal conditions of use. Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

May react explosively even in the absence of air at elevated pressure and/or temperature.

#### **10.4. Conditions to avoid**

Heat. Heat sources. Overheating. Open flame. Protect from freezing. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep away from sources of ignition - No smoking. Store in a dry place.

**10.5. Incompatible materials** 

None known.

#### **10.6. Hazardous decomposition products**

On burning: release of toxic and corrosive gases/vapours nitrous vapours carbon monoxide - carbon dioxide. Stable under normal conditions of use.

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SECTION 11: Toxicological information		
11.1. Information on hazard classes as defined	d in Regulation (EC) No 1272/2008	
, ,	Not classified Not classified Not classified	
propane (74-98-6)		
LC50 Inhalation - Rat	> 10 mg/l/4h	
Ethanol (64-17-5)		
LD50 oral rat	10470 mg/kg	
LD50 dermal rabbit	> 15800 mg/kg	
LC50 Inhalation - Rat	51 – 124.7 mg/l/4h	
LC50 Inhalation - Rat (Dust/Mist)	> 117 mg/l/4h	
Allyl (cyclohexyloxy)acetate (68901-15-5)	1	
LD50 oral rat	620.42 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))	
Skin corrosion/irritation :	Not classified	
Ethanol (64-17-5)		
рН	5.3	
Serious eye damage/irritation :	Causes serious eye irritation.	
Ethanol (64-17-5)		
рН	5.3	
Respiratory or skin sensitisation :	Not classified	
Germ cell mutagenicity :	Not classified	
Carcinogenicity :	Not classified	
Reproductive toxicity :	Not classified	
STOT-single exposure :	Not classified	
Propan-2-ol (67-63-0)		
STOT-single exposure	May cause drowsiness or dizziness.	
	Not classified	
Aspiration hazard :	Not classified	
MER Oe25 Citrus 250ml		
Vaporizer	Aerosol	
Allyl (cyclohexyloxy)acetate (68901-15-5)		
Viscosity, kinematic	5.029 mm²/s	
11.2. Information on other hazards		

No additional information available

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12.1. Toxicity         Hazardous to the aquatic environment, short-term : Not classified (acute)         Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects. (chronic)         Ethanol (64-17-5)         LC50 - Fish [1]       13000 mg/l Oncorhynchus mykiss         EC50 - Crustacea [1]       12340 mg/l         Ec50 - Crustacea [1]       275 mg/l         ErC50 algae       275 mg/l         Allyl (cyclohexyloxy)acetate (68901-15-5)         LC50 - Fish [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 72h - Algae [1]       6.09 - 6.09 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [1]       6.09 - 6.09 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [2]       86.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricomutum)         EC50 72h - Algae [2]       86.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
(acute)       Hazardous to the aquatic environment, long-term       Is Harmful to aquatic life with long lasting effects.         (chronic)       Ethanol (64-17-5)         LC50 - Fish [1]       13000 mg/l Oncorhynchus mykiss         EC50 - Crustacea [1]       12340 mg/l         EC50 72h - Algae [1]       275 mg/l         ErC50 algae       275 mg/l         Allyl (cyclohexyloxy)acetate (68901-15-5)         LC50 - Fish [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 - Crustacea [1]       6.09 - 6.09 mg/l Test organisms (species): Daphnia magna         EC50 - Crustacea [1]       69.2 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LC50 - Fish [1]       13000 mg/l Oncorhynchus mykiss         EC50 - Crustacea [1]       12340 mg/l         EC50 72h - Algae [1]       275 mg/l         ErC50 algae       275 mg/l chlorella vulgaris         Allyl (cyclohexyloxy)acetate (68901-15-5)       LC50 - Fish [1]         LC50 - Crustacea [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 - Crustacea [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 - Crustacea [1]       0.90 - 6.09 mg/l Test organisms (species): Danina magna         EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricomutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         MER Oe25 Citrus 250ml       Persistence and degradabili
EC50 - Crustacea [1]       12340 mg/l         EC50 72h - Algae [1]       275 mg/l         ErC50 algae       275 mg/l chlorella vulgaris         Allyl (cyclohexyloxy)acetate (68901-15-5)       1         LC50 - Fish [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 - Crustacea [1]       6.09 – 6.09 mg/l Test organisms (species): Daphnia magna         EC50 - Crustacea [1]       6.09 – 6.09 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         MER Oe25 Citrus 250ml       Persistence and degradability
EC50 72h - Algae [1]       275 mg/l         ErC50 algae       275 mg/l chlorella vulgaris         Allyl (cyclohexyloxy)acetate (68901-15-5)
ErC50 algae       275 mg/l chlorella vulgaris         Allyl (cyclohexyloxy)acetate (68901-15-5)
Aliyi (cyclohexyloxy)acetate (68901-15-5)         LC50 - Fish [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 - Crustacea [1]       6.09 – 6.09 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <b>12.2. Persistence and degradability</b> Rapidly degradable         Persistence and degradability       Rapidly degradable         Propan-2-01 (67-63-0)       Persistence and degradability
LC50 - Fish [1]       0.205 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)         EC50 - Crustacea [1]       6.09 - 6.09 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <b>12.2. Persistence and degradability</b> Rapidly degradable         Propan-2-ol (67-63-0)       Persistence and degradability         Persistence and degradability       Rapidly degradable
EC50 - Crustacea [1]       6.09 – 6.09 mg/l Test organisms (species): Daphnia magna         EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <b>12.2. Persistence and degradability</b> MER Oe25 Citrus 250ml         Persistence and degradability         Rapidly degradable         Propan-2-ol (67-63-0)         Persistence and degradability
EC50 72h - Algae [1]       69.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <b>12.2. Persistence and degradability</b> MER Oe25 Citrus 250ml         Persistence and degradability         Rapidly degradable         Propan-2-ol (67-63-0)         Persistence and degradability
Raphidocelis subcapitata, Selenastrum capricornutum)         EC50 72h - Algae [2]       36.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <b>12.2. Persistence and degradability</b> MER Oe25 Citrus 250ml         Persistence and degradability         Rapidly degradable         Propan-2-ol (67-63-0)         Persistence and degradability
Raphidocelis subcapitata, Selenastrum capricornutum)         LOEC (chronic)       9.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <b>12.2. Persistence and degradability</b> MER Oe25 Citrus 250ml         Persistence and degradability         Rapidly degradable         Propan-2-ol (67-63-0)         Persistence and degradability
NOEC (chronic)       3.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'         12.2. Persistence and degradability         MER Oe25 Citrus 250ml         Persistence and degradability         Rapidly degradable         Propan-2-ol (67-63-0)         Persistence and degradability         Rapidly degradable
12.2. Persistence and degradability       MER Oe25 Citrus 250ml       Persistence and degradability       Rapidly degradable       Propan-2-ol (67-63-0)       Persistence and degradability       Rapidly degradable
MER Oe25 Citrus 250ml         Persistence and degradability       Rapidly degradable         Propan-2-ol (67-63-0)         Persistence and degradability       Rapidly degradable
Persistence and degradability     Rapidly degradable       Propan-2-ol (67-63-0)     Rapidly degradable
Propan-2-ol (67-63-0)       Persistence and degradability       Rapidly degradable
Persistence and degradability Rapidly degradable
2,6-dimethyloct-7-en-2-ol (18479-58-8)
Persistence and degradability Rapidly degradable
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol (63500-71-0)
Persistence and degradability Rapidly degradable
galaxolide (HHCB) (1222-05-5)
Persistence and degradability Rapidly degradable
Hexyl salicylate (6259-76-3)
Persistence and degradability Rapidly degradable
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)
Persistence and degradability Rapidly degradable
Pentadecan-15-olide (106-02-5)
Persistence and degradability Rapidly degradable
acetyl cedrene (32388-55-9)
Persistence and degradability Rapidly degradable

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(1,7,7-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol (68877-29-2)			
Persistence and degradability	Rapidly degradable		
propane (74-98-6)			
Persistence and degradability	readily degradable in water.		
butane (106-97-8)			
Persistence and degradability	Rapidly degradable		
isobutane (75-28-5)			
Persistence and degradability	Rapidly degradable		
Ethanol (64-17-5)			
Persistence and degradability	Readily biodegradable.		
Biochemical oxygen demand (BOD)	1 g O₂/g substance		
Chemical oxygen demand (COD)	1.9 g O <sub>2</sub> /g substance		
BOD (% of ThOD)	0.53 % ThOD		
Allyl (cyclohexyloxy)acetate (68901-15-5)	Allyl (cyclohexyloxy)acetate (68901-15-5)		
	Rapidly degradable		
Persistence and degradability			
Persistence and degradability 12.3. Bioaccumulative potential			
12.3. Bioaccumulative potential	5.5 @30°C		
12.3. Bioaccumulative potential Hexyl salicylate (6259-76-3)			
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)			
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)	5.5 @30°C		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]	5.5 @30°C 1.93		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)	5.5 @30°C 1.93 -0.35		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential	5.5 @30°C 1.93 -0.35		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential         12.4. Mobility in soil	5.5 @30°C 1.93 -0.35		
<b>12.3. Bioaccumulative potential</b> Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential <b>12.4. Mobility in soil</b> No additional information available	5.5 @30°C 1.93 -0.35		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Results of PBT and vPvB assessment	5.5 @30°C 1.93 -0.35		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Results of PBT and vPvB assessment         No additional information available	5.5 @30°C 1.93 -0.35		
12.3. Bioaccumulative potential         Hexyl salicylate (6259-76-3)         Partition coefficient n-octanol/water (Log Pow)         Ethanol (64-17-5)         BCF - Fish [1]         Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Results of PBT and vPvB assessment         No additional information available         12.6. Endocrine disrupting properties	5.5 @30°C 1.93 -0.35		

# SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

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ADR	IMDG	ΙΑΤΑ
14.1. UN number or ID number		
UN 1950	UN 1950	UN 1950
14.2. UN proper shipping name		
AEROSOLS (ISOPROPANOL (ISOPROPYL ALCOHOL))	AEROSOLS (ISOPROPANOL (ISOPROPYL ALCOHOL))	Aerosols, flammable (ISOPROPANOL (ISOPROPYL ALCOHOL))
Transport document description		
UN 1950 AEROSOLS (ISOPROPANOL (ISOPROPYL ALCOHOL)), 2.1, (D)	UN 1950 AEROSOLS (ISOPROPANOL (ISOPROPYL ALCOHOL)), 2.1	UN 1950 Aerosols, flammable (ISOPROPANOL (ISOPROPYL ALCOHOL)), 2.1
14.3. Transport hazard class(es)		
2.1	2.1	2.1
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		
14.6. Special precautions for user		
Overland transport		
Classification code (ADR) Special provisions (ADR)	: 5F : 190, 327, 344, 625	
Limited quantities (ADR)	: 190, 327, 344, 625 : 1I	
Excepted quantities (ADR)		
Packing instructions (ADR)	: E0	
5	: P207	
Special packing provisions (ADR)	: PP87, RR6, L2	
Mixed packing provisions (ADR)	: MP9	
Transport category (ADR)	: 2	
Special provisions for carriage - Packages (ADR)	: V14	
Special provisions for carriage - Loading, unloading and handling (ADR)		
	, -	
Special provisions for carriage - Operation (ADR)	: S2	
Special provisions for carriage - Operation (ADR)	: S2	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR)	: S2	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea	: S2 : D	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea Special provisions (IMDG)	: S2 : D : 63, 190, 277, 327, 344, 381, 959	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea Special provisions (IMDG) Packing instructions (IMDG)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) <b>Transport by sea</b> Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> <li>F-D</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> <li>F-D</li> <li>S-U</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> <li>F-D</li> <li>S-U</li> <li>None</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) Transport by sea Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> <li>F-D</li> <li>S-U</li> <li>None</li> <li>SW1, SW22</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) <b>Transport by sea</b> Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG) Segregation (IMDG) <b>Air transport</b> PCA Excepted quantities (IATA)	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> <li>F-D</li> <li>S-U</li> <li>None</li> <li>SW1, SW22</li> </ul>	
Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) <b>Transport by sea</b> Special provisions (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG) Segregation (IMDG) Air transport	<ul> <li>S2</li> <li>D</li> <li>63, 190, 277, 327, 344, 381, 959</li> <li>P207, LP200</li> <li>PP87, L2</li> <li>F-D</li> <li>S-U</li> <li>None</li> <li>SW1, SW22</li> <li>SG69</li> </ul>	

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PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

#### 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

#### 15.1.1. 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 substance(s) listed on the REACH Candidate List

#### **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)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit 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)

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information	
Full text of H- and EUH-statements:	
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
EUH208	Contains Hexyl salicylate. May produce an allergic reaction.

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Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1A	Flammable gases, Category 1A
Flam. Liq. 2	Flammable liquids, Category 2
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.
Press. Gas	Gases under pressure
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

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