

SEA BREEZE (Aerosol)

Safety Data Sheet

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

Reference number: 1481

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Initial[®]

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

1.1. Product identifier

Product form : Mixture
Trade name : SEA BREEZE (Aerosol)
UFI : E2VV-M06H-U007-198D
Product code : 573560
Type of product : Fragrances
Authorisation number :
Vaporizer : Aerosol
Product group : Product

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
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : An aerosol fragrance for use in Airfresh units by Initial service staff.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

For Great Britain:
Rentokil Initial Supplies
Liverpool
L33 7SR
UK

Product advice line: +44 (0)151 548 5050

Email: products@rentokil.com

For Northern Ireland:
Rentokil Pest Control
Units 5-7
Abbey Enterprise Park
Mill Road
Newtownabbey
Co Antrim
BT36 7BA

Tel: +44 (0)28 9086 5006

Email: products@rentokil.com

1.4. Emergency telephone number

Emergency number : +44 (0)1342 833022 (24/7)
Call NHS 111 or a doctor (For UK/NI only)

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH | 0344 892 0111 | Only for healthcare professionals |

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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 |
| Skin sensitisation, Category 1 | H317 |

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

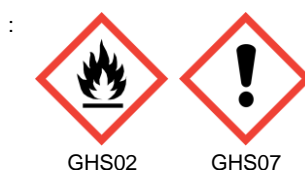
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: citral; linalool; 3,7-Dimethyloctan-3-ol

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P251 - Pressurized container: Do not pierce or burn, even after use.
P280 - Wear protective gloves, eye protection, protective clothing.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container to a hazardous or special waste collection point.

Extra phrases

: Contains 4-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde, 3-p-cumenyl-2-methylpropionaldehyde, alpha-Methyl-1,3-benzodioxole-5-propionaldehyde, 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde, Citronellyl formate. May produce an allergic reaction.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ 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 is 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

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3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-----------|--|
| butane (Propellant gas (Aerosol)) substance with national workplace exposure limit(s) (GB) | CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 | 25 – 50 | Flam. Gas 1A, H220 Press. Gas |
| ethanol substance with national workplace exposure limit(s) (GB) | CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 | 10 – 20 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 |
| citral | CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 | 0,1 – 0,5 | Skin Irrit. 2, H315 Skin Sens. 1, H317 |
| linalool | CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 | 0,1 – 0,5 | Skin Sens. 1B, H317 |
| 3,7-Dimethyloctan-3-ol | CAS-No.: 78-69-3 EC-No.: 201-133-9 | 0,1 – 0,5 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| 3-p-cumenyl-2-methylpropionaldehyde | CAS-No.: 103-95-7 EC-No.: 203-161-7 | < 0,5 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 |
| alpha-Methyl-1,3-benzodioxole-5-propionaldehyde | CAS-No.: 1205-17-0 EC-No.: 214-881-6 | < 0,5 | Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411 |
| 4-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde | CAS-No.: 37677-14-8 EC-No.: 253-617-4 | < 0,5 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde | CAS-No.: 68039-49-6 EC-No.: 268-264-1 | < 0,5 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411 |
| Citronellyl formate | CAS-No.: 105-85-1 EC-No.: 203-338-9 | < 0,5 | Skin Irrit. 2, H315 Skin Sens. 1, H317 |

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. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

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

| | |
|------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
|------------------|--|

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Protect from heat and direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep only in the original container in a cool well ventilated place.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Environmental fragrance.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| butane (106-97-8) | |
|--|--|
| United Kingdom - Occupational Exposure Limits | |
| Local name | Butane |
| WEL TWA (OEL TWA) [1] | 1450 mg/m ³ |
| WEL TWA (OEL TWA) [2] | 600 ppm |
| WEL STEL (OEL STEL) | 1810 mg/m ³ |
| WEL STEL (OEL STEL) [ppm] | 750 ppm |
| Remark | Carc (Capable of causing cancer and/or heritable genetic damage, only applies if Butane contains more than 0.1% of buta-1,3-diene) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

ethanol (64-17-5)

| United Kingdom - Occupational Exposure Limits | |
|---|---------------------------------------|
| Local name | Ethanol |
| WEL TWA (OEL TWA) [1] | 1920 mg/m ³ |
| WEL TWA (OEL TWA) [2] | 1000 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

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:

Not required for normal conditions of use. Ensure adequate ventilation, especially in confined areas.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

Not necessary under the recommended storage and handling conditions

8.2.2.4. Thermal hazards

Thermal hazard protection:

Protect from heat and direct sunlight.

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------|
| Physical state | : Liquid |
| Colour | : Colourless. |
| Odour | : characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Non flammable. |
| Explosive limits | : 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 | : Not available |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 85,624 %

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

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10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

citral (5392-40-5)

LD50 oral rat ≈ 6800 mg/kg bodyweight Animal: rat

LD50 dermal rat > 2000 mg/kg bodyweight Animal: rat, Remarks on results: other:

linalool (78-70-6)

LD50 oral rat 2790 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:, 95% CL: 2440 - 3180

LD50 dermal rabbit 5610 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 3578 - 8374

3,7-Dimethyloctan-3-ol (78-69-3)

LD50 oral rat > 5000 mg/kg

LD50 oral 4500 mg/kg mouse

3-p-cumenyl-2-methylpropionaldehyde (103-95-7)

LD50 oral rat 2000 – 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)

LD50 dermal rat > 5000 mg/kg bodyweight Animal: rat

alpha-Methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)

LD50 dermal rabbit > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

ethanol (64-17-5)

LD50 oral rat 10470 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 9720 - 11380

LD50 oral 8300 mg/kg bodyweight Animal: mouse

Skin corrosion/irritation : Not classified
Additional information : Based on available data, the classification criteria are not met
Serious eye damage/irritation : Causes serious eye irritation.
Additional information : Based on available data, the classification criteria are not met
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Additional information : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Not classified

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| | |
|------------------------|--|
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

ethanol (64-17-5)

| | |
|------------|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
|------------|----------------------------|

citral (5392-40-5)

| | |
|---|--|
| 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: |
|---|--|

| | |
|------------------------|--|
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

citral (5392-40-5)

| | |
|--|--|
| LOAEC (inhalation, rat, gas, 90 days) | 68 ppm Animal: rat, Animal sex: female |
| NOAEL (oral, rat, 90 days) | 100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |
| NOAEC (inhalation, rat, gas, 90 days) | 34 ppm Animal: rat, Animal sex: female |
| 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) |

linalool (78-70-6)

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

ethanol (64-17-5)

| | |
|--|--|
| LOAEL (oral, rat, 90 days) | 3200 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days) | 1730 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other: |
| NOAEL (subchronic, oral, animal/male, 90 days) | < 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |
| NOAEL (subchronic, oral, animal/female, 90 days) | > 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |

| | |
|------------------------|--|
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

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| | |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

linalool (78-70-6)

| | |
|----------------------|----------------------------|
| Viscosity, kinematic | 5191,86 mm ² /s |
|----------------------|----------------------------|

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2. Other information

| | |
|---|--|
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |
|---|--|

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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

citral (5392-40-5)

| | |
|----------------------|--|
| LC50 - Fish [1] | 6,78 mg/l Test organisms (species): <i>Leuciscus idus</i> |
| EC50 - Crustacea [1] | 6,8 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 72h - Algae [1] | 103,8 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>) |

linalool (78-70-6)

| | |
|----------------------|--|
| LC50 - Fish [1] | 27,8 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>) |
| EC50 - Crustacea [1] | 59 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 96h - Algae [1] | 88,3 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>) |
| EC50 96h - Algae [2] | 156,7 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>) |

3,7-Dimethyloctan-3-ol (78-69-3)

| | |
|------------------------------------|--|
| LC50 - Fish [1] | ≥ 8,9 mg/l 96hr - Zebra Fish (<i>Danio rerio</i>) (OECD 203) |
| EC50 - Crustacea [1] | 14,2 mg/l 48hr - <i>Daphnia magna</i> (Water flea) (OECD 202) |
| EC50 - Other aquatic organisms [1] | 13,2 mg/l 72hr - <i>Desmodesmus subspicatus</i> (green algae) (OECD 201) |
| NOEC (acute) | 5 mg/l 96hr - Zebra Fish (<i>Danio rerio</i>) (OECD 203) |
| NOEC chronic algae | 8,5 mg/l 72hr - <i>Desmodesmus subspicatus</i> (green algae) (OECD 201) |

3-p-cumenyl-2-methylpropionaldehyde (103-95-7)

| | |
|----------------------|---|
| LC50 - Fish [1] | 1,42 mg/l Test organisms (species): |
| LC50 - Fish [2] | 2,49 mg/l Test organisms (species): |
| EC50 - Crustacea [1] | 1,4 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 72h - Algae [1] | 4,3 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| EC50 72h - Algae [2] | 2,7 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| EC50 96h - Algae [1] | 3,8 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| EC50 96h - Algae [2] | 2,7 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |

alpha-Methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)

| | |
|----------------------|--|
| LC50 - Fish [1] | 5,3 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>) |
| EC50 - Crustacea [1] | 8,3 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 72h - Algae [1] | 28 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |

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alpha-Methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)

| | |
|----------------------|---|
| EC50 72h - Algae [2] | 14 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
|----------------------|---|

ethanol (64-17-5)

| | |
|----------------------|--|
| LC50 - Fish [1] | 14,2 g/l Test organisms (species): Pimephales promelas |
| EC50 - Crustacea [1] | > 10000 mg/l Test organisms (species): Daphnia magna |
| EC50 96h - Algae [1] | ≈ 22000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic) | 9,6 mg/l Test organisms (species): Daphnia magna Duration: '9 d' |

12.2. Persistence and degradability

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| Persistence and degradability | Not established. |
|-------------------------------|------------------|

12.3. Bioaccumulative potential

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| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

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

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Regional waste regulation | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Ecology - waste materials | : Avoid release to the environment. |

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| | |
|---------|---|
| HP Code | : HP3 - "Flammable:" – flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; – flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; – water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste. HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. |
|---------|---|

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

| | |
|---------------|-----------|
| UN-No. (ADR) | : UN 1950 |
| UN-No. (IMDG) | : UN 1950 |
| UN-No. (IATA) | : UN 1950 |
| UN-No. (ADN) | : UN 1950 |
| UN-No. (RID) | : UN 1950 |

14.2. UN proper shipping name

| | |
|---------------------------------------|------------------------------------|
| Proper Shipping Name (ADR) | : AEROSOLS |
| Proper Shipping Name (IMDG) | : AEROSOLS |
| Proper Shipping Name (IATA) | : Aerosols, flammable |
| Proper Shipping Name (ADN) | : AEROSOLS |
| Proper Shipping Name (RID) | : AEROSOLS |
| Transport document description (ADR) | : UN 1950 AEROSOLS, 2.1, (D) |
| Transport document description (IMDG) | : UN 1950 AEROSOLS, 2.1 |
| Transport document description (IATA) | : UN 1950 Aerosols, flammable, 2.1 |
| Transport document description (ADN) | : UN 1950 AEROSOLS, 2.1 |
| Transport document description (RID) | : UN 1950 AEROSOLS, 2.1 |

14.3. Transport hazard class(es)

ADR

| | |
|----------------------------------|-------------|
| Transport hazard class(es) (ADR) | : 2.1 |
| Danger labels (ADR) | : 2.1, : |



IMDG

| | |
|-----------------------------------|-------------|
| Transport hazard class(es) (IMDG) | : 2.1 |
| Danger labels (IMDG) | : 2.1, : |



IATA

| | |
|-----------------------------------|--------|
| Transport hazard class(es) (IATA) | : 2.1 |
| Danger labels (IATA) | : 2.1, |

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ADN

Transport hazard class(es) (ADN) : 2.1
Danger labels (ADN) : 2.1,



RID

Transport hazard class(es) (RID) : 2.1
Danger labels (RID) : 2.1,



14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

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

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : 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) : CV9, CV12
Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

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Air transport

| | |
|--|--------------------|
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Y203 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| 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 |

Inland waterway transport

| | |
|-----------------------------------|----------------------|
| Classification code (ADN) | : 5F |
| Special provisions (ADN) | : 190, 327, 344, 625 |
| Limited quantities (ADN) | : 1 L |
| Excepted quantities (ADN) | : E0 |
| Equipment required (ADN) | : PP, EX, A |
| Ventilation (ADN) | : VE01, VE04 |
| Number of blue cones/lights (ADN) | : 1 |

Rail transport

| | |
|---|----------------------|
| Classification code (RID) | : 5F |
| Special provisions (RID) | : 190, 327, 344, 625 |
| Limited quantities (RID) | : 1L |
| Excepted quantities (RID) | : E0 |
| Packing instructions (RID) | : P207, LP200 |
| Special packing provisions (RID) | : PP87, RR6, L2 |
| Mixed packing provisions (RID) | : MP9 |
| Transport category (RID) | : 2 |
| Special provisions for carriage – Packages (RID) | : W14 |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW9, CW12 |
| Colis express (express parcels) (RID) | : CE2 |
| Hazard identification number (RID) | : 23 |

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)

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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 chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes

| Section | Changed item | Change | Comments |
|---------|---|----------|----------|
| | Supersedes | Modified | |
| | Revision date | Modified | |
| | Issue date | Modified | |
| 1.1 | Name | Modified | |
| 1.1 | UFI on SDS 1.1 | Added | |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 2.2 | Extra phrases | Added | |
| 2.2 | Hazard pictograms (CLP) | Modified | |
| 2.2 | Hazard statements (CLP) | Modified | |
| 3 | Composition/information on ingredients | Modified | |

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.

Full text of H- and EUH-statements:

| | |
|-------------------|---|
| Aerosol 1 | Aerosol, Category 1 |
| 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 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| 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. |

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Full text of H- and EUH-statements:

| | |
|---------------|---|
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H361 | Suspected of damaging fertility or the unborn child. |
| 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 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|--------------|-----------|-----------------------|
| Aerosol 1 | H222;H229 | On basis of test data |
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |

RI - SDS EU 2022.10.10

Before using any product, ensure that you read and understand its label.

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