

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

1.1. Product identifier

| | |
|------------------------|---|
| Product form | : Mixture |
| Product name | : EASYCare Patio Snow Foam |
| UFI | : 9Q11-50NR-K002-3M97 |
| REACH registration No. | : Mixture exempt from REACH registration. |
| Product code | : R380 |
| Product group | : End product |

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

Relevant identified uses

| | |
|------------------------------|--|
| Intended for general public | |
| Main use category | : Consumer use, Professional use |
| Use of the substance/mixture | : Professional strength patio & driveway cleaner |

1.3. Details of the supplier of the safety data sheet

AZPECTS LTD
13 RIVERSIDE INDUSTRIAL PARK
RAPIER STREET, IPSWICH, SUFFOLK
IP2 8JX +44 (0)1473 760777
info@azpects.co.uk

1.4. Emergency telephone number

| | |
|------------------|--|
| Emergency number | : +44 (0) 1473 760777 Office Hours Only |
|------------------|--|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| | |
|---|------|
| Skin corrosion/irritation, Category 1 | H314 |
| Serious eye damage/eye irritation, Category 1 | H318 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 3 | H412 |

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

Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Contains

: Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides; POTASSIUM HYDROXIDE; 1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL, N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.
H412 - Harmful to aquatic life with long lasting effects.

EASYCare Patio Snow Foam

Safety Data Sheet

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

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P260 - Do not breathe vapours, spray, mist, fume.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective clothing, eye protection, face protection, protective gloves.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor.
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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 substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|-------------|--|
| 1-PROPANAMINIUM,3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS | CAS-No.: 97862-59-4 EC-No.: 931-296-8 REACH-no: 01-2119488533-30 | 9.99 – 21 | Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| DIPROPYLENGLYCOL METHYLEETHER substance with a Community workplace exposure limit | CAS-No.: 34590-94-8 EC-No.: 252-104-2 REACH-no: 01-2119450011-60 | 4.99 – 9.99 | Not classified |
| POTASSIUM HYDROXIDE | CAS-No.: 1310-58-3 EC-No.: 215-181-3 EC Index-No.: 019-002-00-8 REACH-no: 01-2119487136-33 | 3 – 4.99 | Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 |
| Amines,C12-14 (even numbered)-alkyldimethyl, N-oxides | CAS-No.: 308062-28-4 EC-No.: 931-292-6 REACH-no: 01-2119490061-47 | 1.99 – 3 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| C9-11 ALCOHOL ETHOXOLATE | CAS-No.: 68439-46-3 EC-No.: 614-482-0 EC Index-No.: 931-514-1 | 1.99 – 3 | Eye Irrit. 2, H319 |
| DODECAN-1-OL | CAS-No.: 112-53-8 EC-No.: 203-982-0 | 0.98 – 1.99 | Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |

EASYCare Patio Snow Foam

Safety Data Sheet

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

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------|--|--------------|---|
| TETRADECAN-1-OL | CAS-No.: 112-72-1 EC-No.: 204-000-3 | 0.049 – 0.98 | Eye Irrit. 2, H319 Aquatic Chronic 1, H410 |

| Specific concentration limits: | | |
|--------------------------------|---|---|
| Name | Product identifier | Specific concentration limits (%) |
| POTASSIUM HYDROXIDE | CAS-No.: 1310-58-3 EC-No.: 215-181-3 EC Index-No.: 019-002-00-8 REACH-no: 01-2119487136-33 | (0.5 ≤ C ≤ 2) Skin Irrit. 2; H315 (0.5 ≤ C ≤ 2) Eye Irrit. 2; H319 (2 ≤ C ≤ 5) Skin Corr. 1B; H314 (5 ≤ C < 100) Skin Corr. 1A; H314 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : If medical advice is needed, have product container or label at hand. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately. Wash contaminated clothing before reuse. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Call a physician immediately. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting. Call a physician immediately. |

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

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Serious damage to eyes. redness, itching, tears. stinging. |
| Symptoms/effects after ingestion | : May cause irritation to the digestive tract. Burns. Abdominal pain, nausea. |

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

Ensure eye bath is to hand. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

EASYCare Patio Snow Foam

Safety Data Sheet

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours, spray, fume, mist. Turn leaking containers leak-side up to prevent the escape of liquid.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Contain the spilled material by bunding. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material. Clean up any spills as soon as possible, using an absorbent material to collect it. Shovel or sweep up and put in a closed container for disposal.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Keep cool. Keep container tightly closed.
Storage area : Store in a well-ventilated place.
Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

Professional strength patio & driveway cleaner.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

DIPROPYLENGLYCOL METHYLETHER (34590-94-8)

EU - Indicative Occupational Exposure Limit (IOEL)

| | |
|------------|----------------------------------|
| Local name | (2-Methoxymethylethoxy)-propanol |
| IOEL TWA | 308 mg/m ³ |
| | 50 ppm |
| Remark | Skin |

EASYCare Patio Snow Foam

Safety Data Sheet

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

DIPROPYLENGLYCOL METHYLETHER (34590-94-8)

| | |
|--|---|
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| United Kingdom - Occupational Exposure Limits | |
| Local name | (2-methoxymethylethoxy) propanol |
| WEL TWA (OEL TWA) | 308 mg/m ³ |
| | 50 ppm |
| Remark | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

POTASSIUM HYDROXIDE (1310-58-3)

United Kingdom - Occupational Exposure Limits

| | |
|----------------------|---------------------------------------|
| Local name | Potassium hydroxide |
| WEL STEL (OEL STEL) | 2 mg/m ³ |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety glasses

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|------------------------------|
| Physical state | : Liquid |
| Colour | : Colourless to pale yellow. |
| Odour | : odourless. |
| Odour threshold | : Not available |

EASYCare Patio Snow Foam

Safety Data Sheet

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

| | |
|---|------------------|
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Non flammable. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : > 93 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : 12 – 13 |
| 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 | : 1.029 |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

No additional information available

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

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Heat.

10.5. Incompatible materials

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

| | |
|-----------------------------|---------------------|
| Acute toxicity (oral) | : No data available |
| Acute toxicity (dermal) | : No data available |
| Acute toxicity (inhalation) | : No data available |

| DODECAN-1-OL (112-53-8) | |
|-------------------------|-----------------------------|
| LD50 oral rat | > 5000 mg/kg Source: IUCLID |
| LD50 dermal rabbit | 8001 mg/kg |
| LC50 Inhalation - Rat | 72 mg/l |

EASYCare Patio Snow Foam

Safety Data Sheet

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

| | |
|--|---|
| TETRADECAN-1-OL (112-72-1) | |
| LD50 oral rat | > 5000 mg/kg Source: IUCLID |
| LD50 dermal rat | > 5000 mg/kg Source: IUCLID |
| LC50 Inhalation - Rat | > 2.05 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |
| DIPROPYLENGLYCOL METHYLETHER (34590-94-8) | |
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rat | > 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | 9510 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 3000 mg/m³ Source: ECHA |
| Amines,C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4) | |
| LD50 oral rat | 1064 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |
| POTASSIUM HYDROXIDE (1310-58-3) | |
| LD50 oral rat | 273 mg/kg Source: ChemIDPlus |
| 1-PROPANAMINIUM,3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS (97862-59-4) | |
| LD50 oral rat | 2335 mg/kg |
| C9-11 ALCOHOL ETHOXOLATE (68439-46-3) | |
| LD50 oral rat | 1378 mg/kg Source: Corporate Solution From Thomson Micromedex |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | 2000 mg/kg Source: Corporate Solution From Thomson Micromedex |
| LC50 Inhalation - Rat | > 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
| Skin corrosion/irritation | : No data available pH: 12 – 13 |
| POTASSIUM HYDROXIDE (1310-58-3) | |
| pH | ≈ 13.5 Temp.: 25 °C Concentration: 5,611 g/L Remarks on result: 'other:' |
| C9-11 ALCOHOL ETHOXOLATE (68439-46-3) | |
| pH | 6 – 7.5 |
| Serious eye damage/irritation | : No data available pH: 12 – 13 |
| POTASSIUM HYDROXIDE (1310-58-3) | |
| pH | ≈ 13.5 Temp.: 25 °C Concentration: 5,611 g/L Remarks on result: 'other:' |
| C9-11 ALCOHOL ETHOXOLATE (68439-46-3) | |
| pH | 6 – 7.5 |
| Respiratory or skin sensitisation | : No data available |
| Germ cell mutagenicity | : No data available |
| Carcinogenicity | : No data available |
| TETRADECAN-1-OL (112-72-1) | |
| NOAEL (chronic, oral, animal/female, 2 years) | 300 mg/kg bodyweight Animal: mouse, Animal sex: female, Remarks on results: other: |

EASYCare Patio Snow Foam

Safety Data Sheet

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

Reproductive toxicity : Data not validated
STOT-single exposure : No data available

Amines,C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)

| | |
|-------------------|---------------------|
| NOAEL (oral, rat) | 90 mg/kg bodyweight |
|-------------------|---------------------|

STOT-repeated exposure : No data available

TETRADECAN-1-OL (112-72-1)

| | |
|-------------------------------------|--|
| LOAEL (dermal, rat/rabbit, 90 days) | 100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |
| NOAEL (oral, rat, 90 days) | > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |

DIPROPYLENGLYCOL METHYLETHER (34590-94-8)

| | |
|----------------------------|--|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: other: |
|----------------------------|--|

C9-11 ALCOHOL ETHOXOLATE (68439-46-3)

| | |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | ≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|---|

Aspiration hazard : No data available

TETRADECAN-1-OL (112-72-1)

| | |
|----------------------|--|
| Viscosity, kinematic | 2845 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)' |
|----------------------|--|

DIPROPYLENGLYCOL METHYLETHER (34590-94-8)

| | |
|----------------------|-------------|
| Viscosity, kinematic | 3.895 mm²/s |
|----------------------|-------------|

POTASSIUM HYDROXIDE (1310-58-3)

| | |
|----------------------|-------------|
| Viscosity, kinematic | 1.252 mm²/s |
|----------------------|-------------|

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects. No data available.
Hazardous to the aquatic environment, short-term (acute) : No data available
Hazardous to the aquatic environment, long-term (chronic) : No data available

DODECAN-1-OL (112-53-8)

| | |
|------------------------------------|---|
| LC50 - Fish [1] | 1.01 mg/l Source: US EPA, IUCLID |
| EC50 - Crustacea [1] | 320 mg/l Source: DIN 38412 Teil 11, GLP, IUCLID |
| EC50 - Other aquatic organisms [1] | 0.765 mg/l Daphnia magna |
| EC50 72h - Algae [1] | 0.66 mg/l Desmodesmus subspicatus |
| NOEC (chronic) | 0.014 mg/l 21 Days |

TETRADECAN-1-OL (112-72-1)

| | |
|-----------------|---|
| LC50 - Fish [1] | > 10000 mg/l Source: ISO 7346/2, IUCLID |
|-----------------|---|

EASYCare Patio Snow Foam

Safety Data Sheet

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

| TETRADECAN-1-OL (112-72-1) | |
|---|--|
| EC50 - Crustacea [1] | 0.39 mg/l Test organisms (species): Daphnia magna |
| EC50 - Crustacea [2] | 5.91 mg/l Test organisms (species): Daphnia magna |
| EC50 - Other aquatic organisms [1] | 3.2 mg/l Daphnia magna |
| EC50 72h - Algae [1] | 79.7 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 20.5 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| ErC50 algae | > 10 mg/l Source: DIN 38412 Teil 9, IUCLID |
| NOEC chronic fish | 0.26 mg/l Test organisms (species): Pimephales promelas Duration: '33 d' |
| DIPROPYLENGLYCOL METHYLETHER (34590-94-8) | |
| LC50 - Fish [1] | > 1000 mg/l |
| EC50 - Other aquatic organisms [1] | 1919 mg/l |
| EC50 72h - Algae [1] | > 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | > 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic) | 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d' |
| NOEC (chronic) | ≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d' |
| Amines,C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4) | |
| LC50 - Fish [1] | 2.67 (≥ – ≤) mg/l |
| EC50 - Crustacea [1] | ≥ – ≤ mg/l |
| EC50 - Other aquatic organisms [1] | 3.1 mg/l |
| EC50 72h - Algae [1] | ≥ – ≤ mg/l |
| NOEC chronic fish | 0.42 (≥ – ≤) mg/l 302 days |
| NOEC chronic crustacea | 0.7 (≥ – ≤) mg/l 21 days |
| NOEC chronic algae | 0.067 (≥ – ≤) mg/l 28 days |
| POTASSIUM HYDROXIDE (1310-58-3) | |
| LC50 - Fish [1] | 0 mg/l Source: ECHA |
| 1-PROPANAMINIUM,3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS (97862-59-4) | |
| LC50 - Fish [1] | 1.11 mg/l |
| EC50 - Crustacea [1] | 1.9 mg/l |
| NOEC chronic fish | 0.135 mg/l Oncorhynchus mykiss (Rainbow trout) |
| NOEC chronic crustacea | 0.3 mg/l Daphnia magna |
| C9-11 ALCOHOL ETHOXOLATE (68439-46-3) | |
| LC50 - Fish [1] | 5 – 7 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | 2.686 mg/l Source: ECOTOX |
| EC50 - Other aquatic organisms [1] | 1 – 10 mg/l |

EASYCare Patio Snow Foam

Safety Data Sheet

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

C9-11 ALCOHOL ETHOXOLATE (68439-46-3)

EC50 96h - Algae [1]

1.4 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

EASYCare Patio Snow Foam

Persistence and degradability

Readily biodegradable.

DODECAN-1-OL (112-53-8)

Persistence and degradability

Not rapidly degradable

TETRADECAN-1-OL (112-72-1)

Persistence and degradability

Not rapidly degradable

DIPROPYLENGLYCOL METHYLETHER (34590-94-8)

Persistence and degradability

Not rapidly degradable

Amines,C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)

Persistence and degradability

Not rapidly degradable

POTASSIUM HYDROXIDE (1310-58-3)

Persistence and degradability

Not rapidly degradable

1-PROPANAMINIUM,3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS (97862-59-4)

Persistence and degradability

Not rapidly degradable

C9-11 ALCOHOL ETHOXOLATE (68439-46-3)

Persistence and degradability

Not rapidly degradable

12.3. Bioaccumulative potential

EASYCare Patio Snow Foam

Bioaccumulative potential

No bioaccumulation potential. No bioaccumulation data available.

DODECAN-1-OL (112-53-8)

Partition coefficient n-octanol/water (Log Pow)

5.13

TETRADECAN-1-OL (112-72-1)

Partition coefficient n-octanol/water (Log Pow)

6.03

12.4. Mobility in soil

EASYCare Patio Snow Foam

Ecology - soil

Readily absorbed into the soil.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

EASYCare Patio Snow Foam

Safety Data Sheet

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

12.7. Other adverse effects

No additional information available






SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions and in accordance to local and regional legislation.
- Product/Packaging disposal recommendations : Disposal of this packaging should at all times comply with the waste disposal legislation and any regional local authority requirements.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| 14.1. UN number or ID number | | | | |
| UN 1814 | UN 1814 | UN 1814 | UN 1814 | UN 1814 |
| 14.2. UN proper shipping name | | | | |
| POTASSIUM HYDROXIDE SOLUTION | POTASSIUM HYDROXIDE SOLUTION | Potassium hydroxide solution | POTASSIUM HYDROXIDE SOLUTION | POTASSIUM HYDROXIDE SOLUTION |
| Transport document description | | | | |
| UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, III, (E) | UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, III | UN 1814 Potassium hydroxide solution, 8, III | UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, III | UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, III |
| 14.3. Transport hazard class(es) | | | | |
| 8 | 8 | 8 | 8 | 8 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-B | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

- Classification code (ADR) : C5
- Limited quantities (ADR) : 5I
- Excepted quantities (ADR) : E1
- Packing instructions (ADR) : P001, IBC03, LP01, R001
- Mixed packing provisions (ADR) : MP19
- Portable tank and bulk container instructions (ADR) : T4

EASYCare Patio Snow Foam

Safety Data Sheet

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

Portable tank and bulk container special provisions (ADR) : TP1

Tank code (ADR) : L4BN

Tank special provisions (ADR) : TU42

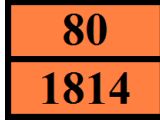
Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V12

Hazard identification number (Kemler No.) : 80

Orange plates :



Tunnel restriction code (ADR) : E

EAC code : 2R

Transport by sea

Special provisions (IMDG) : 223

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP1

Stowage category (IMDG) : A

Segregation (IMDG) : SGG18, SG35

Properties and observations (IMDG) : Colourless liquid. Reacts with ammonium salts, evolving ammonia gas. Corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.

Air transport

PCA Excepted quantities (IATA) : E1

PCA Limited quantities (IATA) : Y841

PCA limited quantity max net quantity (IATA) : 1L

PCA packing instructions (IATA) : 852

PCA max net quantity (IATA) : 5L

CAO packing instructions (IATA) : 856

CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3, A803

ERG code (IATA) : 8L

Inland waterway transport

Classification code (ADN) : C5

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EP

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : C5

Limited quantities (RID) : 5L

Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T4

Portable tank and bulk container special provisions (RID) : TP1

Tank codes for RID tanks (RID) : L4BN

Special provisions for RID tanks (RID) : TU42

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Colis express (express parcels) (RID) : CE8

EASYCare Patio Snow Foam

Safety Data Sheet

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

Hazard identification number (RID) : 80

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

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

REACH Annex XIV (Authorisation List)

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

REACH Candidate List (SVHC)

Contains no 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)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Abbreviations and acronyms: | |
|-----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |

EASYCare Patio Snow Foam

Safety Data Sheet

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

| Abbreviations and acronyms: | |
|-----------------------------|--|
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disruptor |

| 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 |
| 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 |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |

EASYCare Patio Snow Foam

Safety Data Sheet

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

Full text of H- and EUH-statements:

| | |
|---------------|--|
| 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. |
| Met. Corr. 1 | Corrosive to metals, Category 1 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.