

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : Grout and Tile Protector
:
Vaporizer : Aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Intended for general public
Main use category : Industrial use, Professional use, Consumer use
Use of the substance/mixture : Protects porous wall and floor grout joints from penetration by water, dirt, oil, grease and limescale
Use of the substance/mixture : Cleaning/washing agents and additives

1.2.2. Uses advised against

Restrictions on use : Not Otherwise Specified

1.3. Details of the supplier of the safety data sheet

Floors of Stone,
Cotes Mill,
Nottingham Road,
Loughborough,
Leicestershire,
LE12 5TL
01509 234000

1.4. Emergency telephone number

| 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 |

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
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336
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

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes skin irritation. Toxic to aquatic life with long lasting effects.

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Contains :

Isopropyl acetate; n-butyl acetate; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Isopropanol

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P271 - Use only outdoors or in a well-ventilated area.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Child-resistant fastening :

Not applicable

Tactile warning :

Not applicable

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

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] |
|---|--|------------------|--|
| Isopropanol | CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558-25 | $\geq 50 - < 70$ | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | CAS-No.: 142-82-5 EC-No.: 927-510-4 REACH-no: 01-2119475515-33 | $\geq 10 - < 30$ | Flam. Liq. 2, H225 Skin Irrit. 2, H315 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 |
| Petroleum gases, liquefied <0.1% 1,3-Butadiene (Propellant gas (Aerosol)) | CAS-No.: 68476-85-7 EC-No.: 270-704-2 EC Index-No.: 649-202-00-6 REACH-no: 01-2119485911-31 | $\geq 10 - < 30$ | Flam. Gas 1, H220 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-------------------|--|-----------|---|
| n-butyl acetate | CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1 REACH-no: 01-2119485493-29 | ≥ 1 – < 3 | Flam. Liq. 3, H226 STOT SE 3, H336 |
| Isopropyl acetate | CAS-No.: 108-21-4 EC-No.: 203-561-1 EC Index-No.: 607-024-00-6 REACH-no: 01-2119537214-46 | ≥ 1 – < 3 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

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 | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|-------------------------------------|--------------------------------------|
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Irritation. |

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : Extremely flammable aerosol. |
| Explosion hazard | : Pressurised container: May burst if heated. |
| 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. |
|--------------------------------|--|

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing mist, vapours, spray. Avoid contact with skin and eyes.

6.1.2. 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.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorised site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing mist, vapours, spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

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

Petroleum gases, liquefied <0.1% 1,3-Butadiene (68476-85-7)

United Kingdom - Occupational Exposure Limits

| | |
|---------------------------|-------------------------|
| Local name | Liquefied petroleum gas |
| WEL TWA (OEL TWA) [1] | 1750 mg/m ³ |
| WEL TWA (OEL TWA) [2] | 1000 ppm |
| WEL STEL (OEL STEL) | 2180 mg/m ³ |
| WEL STEL (OEL STEL) [ppm] | 1250 ppm |

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| Petroleum gases, liquefied <0.1% 1,3-Butadiene (68476-85-7) | |
|---|--|
| Remark | Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene)) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| Isopropyl acetate (108-21-4) | |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Isopropyl acetate |
| WEL STEL (OEL STEL) | 849 mg/m ³ |
| WEL STEL (OEL STEL) [ppm] | 200 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| n-butyl acetate (123-86-4) | |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Butyl acetate |
| WEL TWA (OEL TWA) [1] | 724 mg/m ³ |
| WEL TWA (OEL TWA) [2] | 150 ppm |
| WEL STEL (OEL STEL) | 966 mg/m ³ |
| WEL STEL (OEL STEL) [ppm] | 200 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| Isopropanol (67-63-0) | |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Propan-2-ol |
| WEL TWA (OEL TWA) [1] | 999 mg/m ³ |
| WEL TWA (OEL TWA) [2] | 400 ppm |
| WEL STEL (OEL STEL) | 1250 mg/m ³ |
| WEL STEL (OEL STEL) [ppm] | 500 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:

Ensure good ventilation of the work station.

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8.2.2. Personal protection equipment

Personal protective equipment:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. 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 |
| Appearance | : Colorless gas or liquefied gas. |
| Colour | : Colourless. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : -41 °C |
| Flash point | : -40 °C |
| Auto-ignition temperature | : > 246 °C |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Extremely flammable aerosol. |
| Vapour pressure | : No data available |
| Relative vapour density at 20°C | : No data available |
| Relative density | : No data available |
| Density | : 0.71 kg/l |
| Solubility | : insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : < 7.042 mm ² /s |
| Viscosity, dynamic | : < 5 cP |
| Explosive properties | : Pressurised container: May burst if heated. |
| Oxidising properties | : No data available |
| Explosive limits | : 1 – 10.4 vol % |

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9.2. Other information

Gas group : Press. Gas (Liq.)

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

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 toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Isopropyl acetate (108-21-4)

LD50 oral rat 6750 mg/kg bodyweight Animal: rat, Animal sex: male

LD50 dermal rabbit > 17436 mg/kg Source: OECD SIDS

n-butyl acetate (123-86-4)

LD50 oral rat 12.2 ml/kg Source: ECHA

LC50 Inhalation - Rat (Vapours) > 4.9 mg/l Source: ECHA

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (142-82-5)

LD50 dermal rat 2800 – 3100 mg/kg bodyweight Animal: rat

LC50 Inhalation - Rat > 23.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Isopropanol (67-63-0)

LD50 oral rat 5840 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)

LD50 dermal rabbit 16400 mg/kg Source: ECHA

Skin corrosion/irritation : Causes skin irritation.

n-butyl acetate (123-86-4)

pH 6.2 Temp.: 20 °C Concentration: (≈)5 g/L

Serious eye damage/irritation : Causes serious eye irritation.

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| | |
|---|---|
| n-butyl acetate (123-86-4) | |
| pH | 6.2 Temp.: 20 °C Concentration: (≈)5 g/L |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Isopropanol (67-63-0) | |
| IARC group | 3 - Not classifiable |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause drowsiness or dizziness. |
| Isopropyl acetate (108-21-4) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| n-butyl acetate (123-86-4) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (142-82-5) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| Isopropanol (67-63-0) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| STOT-repeated exposure | : Not classified |
| Petroleum gases, liquefied <0.1% 1,3-Butadiene (68476-85-7) | |
| LOAEC (inhalation, rat, gas, 90 days) | 12000 ppm Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:OPPTS 870.3650 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Isopropyl acetate (108-21-4) | |
| LOAEL (oral, rat, 90 days) | 3600 mg/kg bodyweight Animal: rat |
| NOAEL (oral, rat, 90 days) | 900 mg/kg bodyweight Animal: rat |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (142-82-5) | |
| LOAEC (inhalation, rat, vapour, 90 days) | 16.6 mg/l air Animal: rat, Animal sex: male |
| NOAEC (inhalation, rat, vapour, 90 days) | 3.3 mg/l air Animal: rat, Animal sex: male |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
| Grout and Tile Protector | |
| Vaporizer | Aerosol |
| Viscosity, kinematic | < 7.042 mm ² /s |
| n-butyl acetate (123-86-4) | |
| Viscosity, kinematic | 0.83 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)' |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (142-82-5) | |
| Viscosity, kinematic | 0.67 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)' |
| Isopropanol (67-63-0) | |
| Viscosity, kinematic | 3.165 mm ² /s |

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SECTION 12: Ecological information

12.1 Toxicity

| | |
|---|--|
| Ecology - general | : Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |
| Not rapidly degradable | |

Petroleum gases, liquefied <0.1% 1,3-Butadiene (68476-85-7)

| | |
|----------------------|-------------------------|
| LC50 - Fish [1] | 0.362 mg/l |
| EC50 - Crustacea [1] | 0.018 mg/l |
| ErC50 algae | 7.6 mg/l Source: ECOTOX |

Isopropyl acetate (108-21-4)

| | |
|------------------------------------|--|
| LC50 - Fish [1] | 400 mg/l Test organisms (species): Pimephales promelas |
| EC50 - Other aquatic organisms [1] | 110 mg/l Test organisms (species): Artemia salina |
| EC50 72h - Algae [1] | 674.7 mg/l Source: OECD SIDS |

n-butyl acetate (123-86-4)

| | |
|----------------------|---|
| LC50 - Fish [1] | 18 mg/l Test organisms (species): Pimephales promelas |
| EC50 - Crustacea [1] | 44 mg/l Test organisms (species): Daphnia sp. |
| EC50 72h - Algae [1] | 674.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| NOEC (chronic) | 23 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (142-82-5)

| | |
|----------------|--|
| LOEC (chronic) | 0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | 0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

Isopropanol (67-63-0)

| | |
|-----------------|--|
| LC50 - Fish [1] | 10000 mg/l Test organisms (species): Pimephales promelas |
| LC50 - Fish [2] | 9640 mg/l Test organisms (species): Pimephales promelas |

12.2 Persistence and degradability

No additional information available

12.3 Bio accumulative potential

Petroleum gases, liquefied <0.1% 1,3-Butadiene (68476-85-7)

| | |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | ≤ 2.8 Source: IUCLID |
|---|----------------------|

Isopropyl acetate (108-21-4)

| | |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.3 Source: IPCS |
|---|------------------|

n-butyl acetate (123-86-4)

| | |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.78 Source: HSDB |
|---|-------------------|

Isopropanol (67-63-0)

| | |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 Source: ICSC |
|---|-------------------|

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12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 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.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|--|--|--|--|
| 14.1. UN number | | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| 14.2. UN proper shipping name | | | | |
| AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene) | AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene) | Aerosols, flammable (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene) | AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene) | AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene) |
| Transport document description | | | | |
| UN 1950 AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene), 2.1, (D) | UN 1950 AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene), 2.1 | UN 1950 Aerosols, flammable (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene), 2.1 | UN 1950 AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene), 2.1 | UN 1950 AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ; Petroleum gases, liquefied <0.1% 1,3-Butadiene), 2.1 |
| 14.3. Transport hazard class(es) | | | | |
| 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | 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 | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available | | | | |

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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, LP200 |
| 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 |

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 |

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14.7 Transport in bulk according to Annex II of Marpol and the IBC code

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)

| EU restriction list (REACH Annex XVII) | | |
|--|---|--|
| Reference code | Applicable on | Entry title or description |
| 3(a) | Grout and Tile Protector ; Isopropyl acetate ; n-butyl acetate ; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F |
| 3(b) | Grout and Tile Protector ; Isopropyl acetate ; n-butyl acetate ; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c) | Grout and Tile Protector ; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 |
| 40. | Grout and Tile Protector ; Isopropyl acetate ; n-butyl acetate ; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

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)

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

Floors of Stone Grout & Tile Protector Spray

Safety Data Sheet

SECTION 16: Other information

Indication of changes:

New format.

Indication of changes

| Section | Changed item | Change | Comments |
|---------|--------------------------------|----------|----------|
| | Revision date | Modified | |
| | Supersedes version of | Modified | |
| 1.1 | Additional information | Modified | |
| 1.3 | Additional information | Modified | |
| 1.4 | Additional information | Modified | |
| 2.1 | Hazard statements (CLP) | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |

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 |
| 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 |

Floors of Stone Grout & Tile Protector Spray

Safety Data Sheet

| Abbreviations and acronyms: | |
|------------------------------------|--|
| 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 disrupting properties |

| Full text of H- and EUH-statements: | |
|--|--|
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.