



# BUZON A-FIX-WIND-SAFE BASE

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.  
Issue date: 06/07/2022 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Name : BUZON A-FIX-WIND-SAFE BASE  
UFI : 5KC3-956P-P00P-M7GU  
Type of product : Building and Repair application  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : Building and Repair application  
Function or use category : Building and construction work

##### 1.2.2. Uses advised against

No additional information available

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

Buzon UK Ltd  
Unit 6, Teddington Business Park  
Station Road  
TW11 9BQ Teddington – Middlesex  
T 020 8614 0874  
[www.buzonuk.com](http://www.buzonuk.com)

#### 1.4. Emergency telephone number

| Country        | Organisation/Company   | Address                | Emergency number | Comment                           |
|----------------|--|------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>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], as amended for UK law

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
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

May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP], as amended for UK law

Hazard pictograms (CLP) :



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|                                |   |       |
|--------------------------------|---|-------|
|                                | GHS07   | GHS08 |
| Signal word (CLP)              | : Warning   |       |
| Contains                       | : BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE. FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL, OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES, 1,6-HEXANDIOLDIGLYCIDYLETHER, QUARTZ (FINE FRACTION)  |       |
| Hazard statements (CLP)        | : H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H373 - May cause damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation of dust).<br>H412 - Harmful to aquatic life with long lasting effects.  |       |
| Precautionary statements (CLP) | : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective clothing, eye protection, face protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water. |       |

### 2.3. Other hazards

Contains no PBT/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 %

| Component   |   |
|---|---|
| BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE.(1675-54-3) | The substance is not 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 |

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier   | %       | Labelling according to Regulation (EC) No. 1272/2008 [CLP], as amended for UK law          |
|--|--|---------|--|
| BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE.   | CAS-No.: 1675-54-3<br>EC-No.: 216-823-5<br>EC Index-No.: 603-073-00-2  | 10 – 20 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL | CAS-No.: 9003-36-5<br>EC-No.: 500-006-8<br>EC Index-No.: 701-263-0     | 3 – 10  | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                       |
| OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES                                    | CAS-No.: 68609-97-2<br>EC-No.: 271-846-8<br>EC Index-No.: 603-103-00-4 | 3 – 10  | Skin Irrit. 2, H315<br>Skin Sens. 1, H317  |
| 1,6-HEXANDIOLDIGLYCIDYLETHER   | CAS-No.: 933999-84-9<br>EC-No.: 618-939-5                              | 1 – 3   | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412 |

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| Name  | Product identifier                       | %     | Labelling according to Regulation (EC) No. 1272/2008 [CLP], as amended for UK law |
|---|--|-------|---|
| QUARTZ (FINE FRACTION)<br>substance with a Community workplace exposure limit | CAS-No.: 14808-60-7<br>EC-No.: 238-878-4 | 1 – 3 | STOT RE 1, H372   |

### Specific concentration limits:

| Name                                      | Product identifier  | Specific concentration limits (%)                                     |
|---|---|---|
| BIS-[4-(2,3-EPOXI)PROPOXI]PHENYL]PROPANE. | CAS-No.: 1675-54-3<br>EC-No.: 216-823-5<br>EC Index-No.: 603-073-00-2 | (5 ≤ C ≤ 100) Eye Irrit. 2, H319<br>(5 ≤ C ≤ 100) Skin Irrit. 2, H315 |

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            | : Get medical advice/attention 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 or rash occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| 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 after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Eye 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. |
|------------------------------|----------------------------------|

### 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. |
|--------------------------------|--|

## 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. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. |
|----------------------|---|

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### 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

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized 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 : Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 : Store in a well-ventilated place. 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

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

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### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection - Report preview:**

Safety glasses

#### 8.2.2.2. Skin protection

**Skin and body protection - Report preview:**

Wear suitable protective clothing

**Hand protection - Report preview:**

Protective gloves

| Hand protection                       |   |                   |                |  |            |
|---------------------------------------|---|-------------------|----------------|--|------------|
| Type                                  | Material                                      | Permeation        | Thickness (mm) | Penetration  | Standard   |
| Disposable gloves,<br>Reusable gloves | Nitrile rubber (NBR), Butyl rubber, Viton® II | 6 (> 480 minutes) | 0.4            | As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

**Respiratory protection - Report preview:**

In case of insufficient ventilation, wear suitable respiratory equipment. EN141

#### 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        | : Solid                 |
| Colour                | : White.                |
| Appearance            | : Paste.                |
| Odour                 | : Characteristic odour. |
| Odour threshold       | : Not available         |
| Melting point         | : Not available         |
| Freezing point        | : Not applicable        |
| Boiling point         | : > 200                 |
| Flammability          | : Non flammable.        |
| Explosive limits      | : Not applicable        |
| Lower explosion limit | : Not applicable        |
| Upper explosion limit | : Not applicable        |

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|   |                                |
|---|--------------------------------|
| Flash point                                     | : Not applicable               |
| Auto-ignition temperature                       | : Not applicable               |
| Decomposition temperature                       | : Not available                |
| pH  | : Not available                |
| pH solution                                     | : Not available                |
| Viscosity, kinematic                            | : Not applicable               |
| Viscosity, dynamic                              | : > 150000 cP                  |
| Solubility                                      | : Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                |
| Vapour pressure                                 | : Not available                |
| Vapour pressure at 50°C                         | : Not available                |
| Density   | : 1.55 kg/l                    |
| Relative density                                | : Not available                |
| Relative vapour density at 20°C                 | : Not applicable               |
| Particle size                                   | : Not available                |

### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

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).

### 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 hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK Law.

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

### FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL (9003-36-5)

|                 |                             |
|-----------------|-----------------------------|
| LD50 oral rat   | > 2000 mg/kg Source: GESTIS |
| LD50 dermal rat | > 2000 mg/kg                |

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| <b>BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE. (1675-54-3)</b>           |   |
|---|---|
| LD50 oral rat   | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)  |
| LD50 dermal rat   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))  |
| LD50 dermal   | 23000 mg/kg   |
| <b>OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES (68609-97-2)</b> |   |
| LD50 oral rat   | 17100 mg/kg Source: Corporate Solution From Thomson Micromedex  |
| LD50 dermal   | > 4500 mg/kg  |
| <b>1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)</b>                     |   |
| LD50 oral rat   | 2190 mg/kg  |
| LD50 dermal rabbit  | > 2000 mg/kg  |
| Skin corrosion/irritation   | : Causes skin irritation.   |
| <b>1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)</b>                     |   |
| pH  | 6 – 8   |
| Serious eye damage/irritation   | : Causes serious eye irritation.  |
| <b>1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)</b>                     |   |
| pH  | 6 – 8   |
| Respiratory or skin sensitisation                                     | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity  | : Not classified  |
| Carcinogenicity   | : Not classified  |
| <b>BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE. (1675-54-3)</b>           |   |
| IARC group  | 3 - Not classifiable  |
| <b>QUARTZ (FINE FRACTION) (14808-60-7)</b>                            |   |
| IARC group  | 1 - Carcinogenic to humans  |
| <b>BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE. (1675-54-3)</b>           |   |
| NOAEL (chronic, oral, animal/male, 2 years)                           | 15 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other., Remarks on results: other:    |
| NOAEL (chronic, oral, animal/female, 2 years)                         | 100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other., Remarks on results: other: |
| Reproductive toxicity   | : Not classified  |
| <b>OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES (68609-97-2)</b> |   |
| NOAEL (animal/female, F1)   | 200 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OTS 798.4420 (Preliminary Developmental Toxicity Screen)   |
| STOT-single exposure  | : Not classified  |
| STOT-repeated exposure  | : May cause damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation of dust).  |
| <b>1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)</b>                     |   |
| NOAEL (oral, rat, 90 days)  | 300 mg/kg bodyweight/day  |

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### QUARTZ (FINE FRACTION) (14808-60-7)

|                        |   |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
|------------------------|---|

Aspiration hazard : Not classified

### BUZON A-FIX-WIND-SAFE BASE

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

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

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.

(chronic)

Not rapidly degradable

### FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL (9003-36-5)

|                 |           |
|-----------------|-----------|
| LC50 - Fish [1] | 2.54 mg/l |
|-----------------|-----------|

|                                    |           |
|------------------------------------|-----------|
| EC50 - Other aquatic organisms [1] | 2.55 mg/l |
|------------------------------------|-----------|

### BIS-[4-(2,3-EPOXI)PHENYL]PROPANE. (1675-54-3)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 1.2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
|-----------------|---|

|                                    |          |
|------------------------------------|----------|
| EC50 - Other aquatic organisms [1] | 1.8 mg/l |
|------------------------------------|----------|

|                      |  |
|----------------------|--|
| EC50 72h - Algae [1] | 9.4 mg/l Test organisms (species): Scenedesmus capricornutum |
|----------------------|--|

|                      |   |
|----------------------|---|
| EC50 72h - Algae [2] | > 11 mg/l Test organisms (species): Scenedesmus capricornutum |
|----------------------|---|

|                |   |
|----------------|---|
| LOEC (chronic) | 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
|----------------|---|

|                |   |
|----------------|---|
| NOEC (chronic) | 0.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
|----------------|---|

### OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES (68609-97-2)

|                                    |          |
|------------------------------------|----------|
| EC50 - Other aquatic organisms [1] | 7.2 mg/l |
|------------------------------------|----------|

|                      |          |
|----------------------|----------|
| EC50 72h - Algae [1] | 844 mg/l |
|----------------------|----------|

|                   |          |
|-------------------|----------|
| NOEC chronic fish | 100 mg/l |
|-------------------|----------|

|                        |          |
|------------------------|----------|
| NOEC chronic crustacea | 7.2 mg/l |
|------------------------|----------|

|                    |          |
|--------------------|----------|
| NOEC chronic algae | 500 mg/l |
|--------------------|----------|

### 1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 30 mg/l Source: Ecological Structure Activity Relationships |
|-----------------|---|

|                      |         |
|----------------------|---------|
| EC50 - Crustacea [1] | 47 mg/l |
|----------------------|---------|

|                      |           |
|----------------------|-----------|
| EC50 72h - Algae [1] | 23.1 mg/l |
|----------------------|-----------|

### 12.2. Persistence and degradability

No additional information available



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### 12.3. Bioaccumulative potential

#### BIS-[4-(2,3-EPOXI)PHENYL]PROPANE. (1675-54-3)

|   |                   |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.84 Source: HSDB |
|---|-------------------|

#### 1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)

|   |                  |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.822 (OECD 107) |
|---|------------------|

### 12.4. Mobility in soil

#### OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES (68609-97-2)

|                  |  |
|------------------|--|
| Mobility in soil | 12830 Source: Quantitative Structure Activity Relation |
|------------------|--|

#### 1,6-HEXANDIOLDIGLYCIDYLETHER (933999-84-9)

|                  |   |
|------------------|---|
| Mobility in soil | 10 Source: Quantitative Structure Activity Relation |
|------------------|---|

### 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

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            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| No supplementary information available  |                |                |                |                |

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### 14.6. Special precautions for user

#### Overland transport

Not regulated.

#### Transport by sea

Not regulated.

#### Air transport

Not regulated.

#### Inland waterway transport

Not regulated.

#### Rail transport

Not regulated.

### 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)

##### 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

# BUZON A-FIX-WIND-SAFE BASE

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### 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   |
| 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 disrupting properties   |

# BUZON A-FIX-WIND-SAFE BASE

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| 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 Irrit. 2                        | Serious eye damage/eye irritation, Category 2                      |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.                               |
| H319                                | Causes serious eye irritation.                                     |
| H372                                | Causes damage to organs through prolonged or repeated exposure.    |
| H373                                | May cause damage to organs through prolonged or repeated exposure. |
| 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                              |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                     |
| STOT RE 1                           | Specific target organ toxicity – Repeated exposure, Category 1     |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2     |

Safety Data Sheet (SDS), UK

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.



# BUZON A-FIX-WIND-SAFE HARDENER

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.  
Issue date: 06/07/2022 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Name : BUZON A-FIX-WIND-SAFE HARDENER  
UFI : EPC3-S5W3-0005-8K2W  
Type of product : Building and Repair application  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : Building and Repair application  
Function or use category : Building and construction work

##### 1.2.2. Uses advised against

No additional information available

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

Buzon UK Ltd  
Unit 6, Teddington Business Park  
Station Road  
TW11 9BQ Teddington – Middlesex  
T 020 8614 0874  
[www.buzonuk.com](http://www.buzonuk.com)

#### 1.4. Emergency telephone number

| Country        | Organisation/Company   | Address                | Emergency number | Comment                           |
|----------------|--|------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>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], as amended for UK law

Skin corrosion/irritation, Category 1 H314  
Serious eye damage/eye irritation, Category 1 H318  
Skin sensitisation, Category 1 H317  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Full text of H- and EUH-statements: see section 16

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

May cause damage to organs through prolonged or repeated exposure. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP], as amended for UK law

Hazard pictograms (CLP) :



# BUZON A-FIX-WIND-SAFE HARDENER

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

|                                |  |
|--------------------------------|--|
| Signal word (CLP)              | : Danger   |
| Contains                       | : 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE; QUARTZ (FINE FRACTION)  |
| Hazard statements (CLP)        | : H314 - Causes severe skin burns and eye damage.<br>H317 - May cause an allergic skin reaction.<br>H373 - May cause damage to organs (lungs) through prolonged or repeated exposure (Inhalation of dust).   |
| Precautionary statements (CLP) | : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective clothing, eye protection, face protection.<br>P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water. |

### 2.3. Other hazards

Contains no PBT/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

### 3.2. Mixtures

| Name  | Product identifier                       | %       | Labelling according to Regulation (EC) No. 1272/2008 [CLP], as amended for UK law         |
|---|--|---------|---|
| 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE   | CAS-No.: 25513-64-8<br>EC-No.: 247-063-2 | 10 – 20 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317 |
| QUARTZ (FINE FRACTION)<br>substance with a Community workplace exposure limit | CAS-No.: 14808-60-7<br>EC-No.: 238-878-4 | 3 – 10  | STOT RE 1, H372   |

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 physician immediately.  |
| 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.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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 skin contact | : Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                     |
| Symptoms/effects after ingestion    | : Burns.                                      |

# BUZON A-FIX-WIND-SAFE HARDENER

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### 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.

### 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.

## 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. Do not breathe dust/fume/gas/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

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized 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 : Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 : Store locked up. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

Building and construction work.

# BUZON A-FIX-WIND-SAFE HARDENER

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

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



###### 8.2.2.1. Eye and face protection

###### Eye protection - Report preview:

Safety glasses (EN 166)

###### 8.2.2.2. Skin protection

###### Skin and body protection - Report preview:

Wear suitable protective clothing

###### Hand protection - Report preview:

Protective gloves

| Hand protection                       |   |                   |                |  |            |
|---------------------------------------|---|-------------------|----------------|--|------------|
| Type                                  | Material                                      | Permeation        | Thickness (mm) | Penetration  | Standard   |
| Disposable gloves,<br>Reusable gloves | Nitrile rubber (NBR), Butyl rubber, Viton® II | 6 (> 480 minutes) | 0.4            | As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. | EN ISO 374 |

###### 8.2.2.3. Respiratory protection

###### Respiratory protection - Report preview:

In case of insufficient ventilation, wear suitable respiratory equipment



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## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### 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                                  | : Solid                        |
| Colour  | : Grey.                        |
| Appearance                                      | : Paste.                       |
| Odour   | : Characteristic odour.        |
| Odour threshold                                 | : Not available                |
| Melting point                                   | : Not available                |
| Freezing point                                  | : Not applicable               |
| Boiling point                                   | : > 200 °C                     |
| Flammability                                    | : Non flammable.               |
| Explosive limits                                | : Not applicable               |
| Lower explosion limit                           | : Not applicable               |
| Upper explosion limit                           | : Not applicable               |
| Flash point                                     | : Not applicable               |
| Auto-ignition temperature                       | : Not applicable               |
| Decomposition temperature                       | : Not available                |
| pH  | : Not available                |
| pH solution                                     | : Not available                |
| Viscosity, kinematic                            | : Not applicable               |
| Viscosity, dynamic                              | : > 100000 cP                  |
| Solubility                                      | : Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                |
| Vapour pressure                                 | : Not available                |
| Vapour pressure at 50°C                         | : Not available                |
| Density   | : 1.64 kg/l                    |
| Relative density                                | : Not available                |
| Relative vapour density at 20°C                 | : Not applicable               |
| Particle size                                   | : Not available                |

### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

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.

# BUZON A-FIX-WIND-SAFE HARDENER

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### 10.4. Conditions to avoid

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

### 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 hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK Law.

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

#### 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)

LD50 oral rat : 910 mg/kg bodyweight Animal: rat, Animal sex: male

Skin corrosion/irritation : Causes severe skin burns.

#### 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)

pH : 11.6

Serious eye damage/irritation : Causes serious eye damage.

#### 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)

pH : 11.6

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

#### QUARTZ (FINE FRACTION) (14808-60-7)

IARC group : 1 - Carcinogenic to humans

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs (lungs) through prolonged or repeated exposure (Inhalation of dust).

#### QUARTZ (FINE FRACTION) (14808-60-7)

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

#### BUZON A-FIX-WIND-SAFE HARDENER

Viscosity, kinematic : Not applicable

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

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

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

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

| 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8) |   |
|--|---|
| EC50 - Other aquatic organisms [1]             | 174 mg/l  |
| EC50 72h - Algae [1]                           | 43.5 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                                 | 1.02 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC (chronic)                                 | 1.02 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish                              | ≥ 10.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '30 d'                                     |
| NOEC chronic algae                             | > 10 mg/l   |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

| 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)  |                       |
|---|-----------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.11 Source: Lookchem |

### 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

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  |
|--|--|--|--|--|
| <b>14.1. UN number or ID number</b>                            |  |  |  |  |
| UN 3259  | UN 3259  | UN 3259  | UN 3259  | UN 3259  |
| <b>14.2. UN proper shipping name</b>                           |  |  |  |  |
| AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE) | AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE) | Amines, solid, corrosive, n.o.s. (TRIMETHYLHEXANE-1,6-DIAMINE) | AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE) | AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE) |

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| ADR   | IMDG   | IATA   | ADN  | RID  |
|---|--|--|--|--|
| <b>Transport document description</b>   |  |  |  |  |
| UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE), 8, III, (E) | UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE), 8, III | UN 3259 Amines, solid, corrosive, n.o.s. (TRIMETHYLHEXANE-1,6-DIAMINE), 8, III | UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE), 8, III | UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (TRIMETHYLHEXANE-1,6-DIAMINE), 8, III |
| <b>14.3. Transport hazard class(es)</b>   |  |  |  |  |
| 8   | 8  | 8  | 8  | 8  |
|   |  |  |  |  |
| <b>14.4. Packing group</b>  |  |  |  |  |
| III   | III  | III  | III  | III  |
| <b>14.5. Environmental hazards</b>  |  |  |  |  |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                      | 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)                                 | : C8                      |
| Special provisions (ADR)                                  | : 274                     |
| Limited quantities (ADR)                                  | : 5kg                     |
| Excepted quantities (ADR)                                 | : E1                      |
| Packing instructions (ADR)                                | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)                          | : B3                      |
| Mixed packing provisions (ADR)                            | : MP10                    |
| Portable tank and bulk container instructions (ADR)       | : T1                      |
| Portable tank and bulk container special provisions (ADR) | : TP33                    |
| Tank code (ADR)   | : SGAV, L4BN              |
| Vehicle for tank carriage                                 | : AT                      |
| Transport category (ADR)                                  | : 3                       |
| Special provisions for carriage - Bulk (ADR)              | : VC1, VC2, AP7           |
| Hazard identification number (Kemler No.)                 | : 80                      |
| Orange plates   | :                         |



|                               |      |
|-------------------------------|------|
| Tunnel restriction code (ADR) | : E  |
| EAC code                      | : 2X |

#### Transport by sea

|                                 |              |
|---------------------------------|--------------|
| Special provisions (IMDG)       | : 223, 274   |
| Limited quantities (IMDG)       | : 5 kg       |
| Excepted quantities (IMDG)      | : E1         |
| Packing instructions (IMDG)     | : P002, LP02 |
| IBC packing instructions (IMDG) | : IBC08      |
| IBC special provisions (IMDG)   | : B3         |
| Tank instructions (IMDG)        | : T1         |
| Tank special provisions (IMDG)  | : TP33       |
| EmS-No. (Fire)                  | : F-A        |

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

|                                    |   |
|------------------------------------|---|
| EmS-No. (Spillage)                 | : S-B   |
| Stowage category (IMDG)            | : A   |
| Segregation (IMDG)                 | : SGG18, SG35   |
| Properties and observations (IMDG) | : Colourless to yellowish solids with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Cause burns to skin, eyes and mucous membranes. React violently with acids. |

### Air transport

|  |            |
|--|------------|
| PCA Excepted quantities (IATA)               | : E1       |
| PCA Limited quantities (IATA)                | : Y845     |
| PCA limited quantity max net quantity (IATA) | : 5kg      |
| PCA packing instructions (IATA)              | : 860      |
| PCA max net quantity (IATA)                  | : 25kg     |
| CAO packing instructions (IATA)              | : 864      |
| CAO max net quantity (IATA)                  | : 100kg    |
| Special provisions (IATA)                    | : A3, A803 |
| ERG code (IATA)                              | : 8L       |

### Inland waterway transport

|                                   |          |
|-----------------------------------|----------|
| Classification code (ADN)         | : C8     |
| Special provisions (ADN)          | : 274    |
| Limited quantities (ADN)          | : 5 kg   |
| 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)                                 | : C8                      |
| Special provisions (RID)                                  | : 274                     |
| Limited quantities (RID)                                  | : 5kg                     |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P002, IBC08, LP02, R001 |
| Special packing provisions (RID)                          | : B3                      |
| Mixed packing provisions (RID)                            | : MP10                    |
| Portable tank and bulk container instructions (RID)       | : T1                      |
| Portable tank and bulk container special provisions (RID) | : TP33                    |
| Tank codes for RID tanks (RID)                            | : SGAV, L4BN              |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Bulk (RID)              | : VC1, VC2, AP7           |
| Colis express (express parcels) (RID)                     | : CE11                    |
| 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

#### 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

# BUZON A-FIX-WIND-SAFE HARDENER

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

### 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

## 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   |
| 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   |

# BUZON A-FIX-WIND-SAFE HARDENER

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878.

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

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                  |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                      |
| H302                                | Harmful if swallowed.  |
| H314                                | Causes severe skin burns and eye damage.                           |
| H317                                | May cause an allergic skin reaction.                               |
| H318                                | Causes serious eye damage.   |
| H372                                | Causes damage to organs through prolonged or repeated exposure.    |
| H373                                | May cause damage to organs through prolonged or repeated exposure. |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1                              |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                     |
| STOT RE 1                           | Specific target organ toxicity – Repeated exposure, Category 1     |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2     |

Safety Data Sheet (SDS), UK

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.