

## SAFETY DATA SHEET

DRYZONE

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Revision date: 28/03/18

Revision No: 2.2

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

#### 1.1. Product identifier

**Product name:** DRYZONE

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

**Use of substance / mixture:** Masonry Damp Proof Course Cream

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

**Company name:** Safeguard Europe Ltd

Redkiln Close

Redkiln Way

Horsham

West Sussex

RH13 5QL

United Kingdom

**Tel:** +44 (0) 1403 210204

**Fax:** +44 (0) 1403 217529

**Email:** info@safeguardeurope.com

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1403 210204 (Office Hours 0830-1700)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Skin Irrit. 2: H315; Aquatic Chronic 3: H412

**Most important adverse effects:** Causes skin irritation. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H315: Causes skin irritation.

H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** \* P264: Wash with soap and water thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

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P302+352: IF ON SKIN: Wash with plenty of water/soap.

P321: Specific treatment (see information on this label).

P332+313: If skin irritation occurs: Get medical advice/attention.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

N-OCTYLTRIETHOXSILANE - REACH registered number(s): 01-2119972313-39

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	2943-75-1	-	Skin Irrit. 2: H315	50-70%

AMINES, TALLOW ALKYL, ETHOXYLATED

-	61791-26-2	-	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H302; Eye Dam. 1: H318	<1%
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BRONOPOL (INN)

200-143-0	52-51-7	-	Acute Tox. 4: H312; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400	<1%
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**Contains:** Alkylalkoxysilane  
Polyethoxylated Tallow Amine  
Bronopol

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

[cont...]

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**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Suitable packaging:** Must only be kept in original packaging.

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## 7.3. Specific end use(s)

Specific end use(s): No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Workplace exposure limits: No data available.

### DNEL/PNEC Values

Hazardous ingredients:

#### N-OCTYLTRIETHOXYSILANE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation; Long term	16 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation; Acute	16 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal; Long term	9.1 mg/kg/day	Workers	Systemic
DNEL	Dermal; Acute	9.1 mg/kg/day	Workers	Systemic
DNEL	Inhalation; Long term	5.4 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Inhalation; Acute	5.4 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Dermal; Long term	6.2 mg/kg/day	Consumers	Systemic
DNEL	Dermal; Acute	6.2 mg/kg/day	Consumers	Systemic
DNEL	Ingestion; Long term	6.2 mg/kg/day	Consumers	Systemic
DNEL	Ingestion; Acute	6.2 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0.0058 mg/l	-	-
PNEC	Marine water	0.00058 mg/l	-	-
PNEC	Fresh water sediments	0.51 mg/kg	-	-
PNEC	Marine sediments	0.051 mg/kg	-	-
PNEC	Soil	0.08 mg/kg	-	-
PNEC	Sewage treatment plant	>=100 mg/l	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

[cont...]

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## 9.1. Information on basic physical and chemical properties

**State:** Paste

**Colour:** Off-white

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Miscible

**Viscosity:** Highly viscous

**Boiling point/range °C:** No data available.

**Flammability limits %: lower:** No data available.

**Flash point °C:** 60 - 93

**Autoflammability °C:** No data available.

**Relative density:** 0.9

**VOC g/l:** No data available.

**Melting point/range °C:** No data available.

**upper:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Vapour pressure:** No data available.

**pH:** No data available.

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

[cont...]

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## Hazardous ingredients:

### N-OCTYLTRIETHOXYSILANE

DERMAL	RAT	LD50	6730	mg/kg
ORAL	RAT	LD50	>5110	mg/kg

### AMINES, TALLOW ALKYL, ETHOXYLATED

DERMAL	RAT	LD50	>1260	mg/kg
ORAL	RAT	LD50	1200	mg/kg

### BRONOPOL (INN)

ORL	MUS	LD50	270	mg/kg
ORL	RAT	LD50	180	mg/kg
SKN	MUS	LD50	4750	mg/kg
SKN	RAT	LD50	1600	mg/kg

## Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

## Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	Based on available data the classification criteria are not met
Acute toxicity (ac. tox. 3)	-	Based on available data the classification criteria are not met
Acute toxicity (ac. tox. 2)	-	Based on available data the classification criteria are not met
Acute toxicity (ac. tox. 1)	-	Based on available data the classification criteria are not met
Serious eye damage/irritation	-	Based on available data the classification criteria are not met
Respiratory/skin sensitisation	-	Based on available data the classification criteria are not met
Germ cell mutagenicity	-	Based on available data the classification criteria are not met
Carcinogenicity	-	Based on available data the classification criteria are not met
Reproductive toxicity	-	Based on available data the classification criteria are not met

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STOT-single exposure	-	Based on available data the classification criteria are not met
STOT-repeated exposure	-	Based on available data the classification criteria are not met
Aspiration hazard	-	Based on available data the classification criteria are not met

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### N-OCTYLTRIETHOXYSILANE

ALGAE	72H ErC50	>0.13	mg/l
Daphnia magna	48H EC50	>0.049	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>0.055	mg/l

#### AMINES, TALLOW ALKYL, ETHOXYLATED

DAPHNIA	48H EC50	5.2	mg/l
FISH	96H LC50	0.68 - 7.4	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

[cont...]

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## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Waste code number:** 08 04 99

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

\* indicates text in the SDS which has changed since the last revision.

Acronyms and Abbreviations

MUS - Mouse

DRM - Dermal

SKN - Skin

ORL - Oral

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H335: May cause respiratory irritation.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive

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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.