

# Safety data sheet

according to 1907/2006/EC, Article 31

Date of issue: 14/12/2020

Trade name FORCRETE-RENOVATOR

ate of revision:

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

### 1.1 Product identifier

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Article number: 2104.3

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

No further relevant information available.

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

#### Manufacturer/Supplier:

Forcrete Ltd

6 Fitzmaurice Court Industrial Estate, Valley Side, Wymondham NR18 0NN

Tel: +441603455962

Mob: +447472483348

Information department:

Product Safety department: George Hunt Tel: +447472483348

E-Mail: sales@forcrete.co.uk

### 1.4 Emergency telephone number:

Tel: +447472483348

sales@forcrete.co.uk

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

Hazard pictograms VOID

Signal word VOID

Hazard statements VOID

Precautionary statements VOID

Additional information:

EUH208 Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazolin-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-

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one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

**Description:** Mixture of the substances listed below with harmless additions.

Dangerous components:		
CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1 Reg.nr.: 01-2119456816-28	Ethanediol Xn R22 STOT RE 2, H373; Acute Tox. 4, H302	1-5%
CAS: 78-51-3 EINECS: 201-122-9	Tris(2-butoxyethyl) phosphate Acute Tox. 3, H331	1-5%
CAS: 52-51-7 EINECS: 200-143-0 Index number: 603-085-00-8 Reg.nr.: 01-2119980938-15	bronopol (INN) Xn R21/22; Xi R37/38-41; N R50 Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	≤0.1%

**Additional information** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:** Immediately remove any clothing soiled by the product.

**After inhalation:** No special measures required.

**After skin contact:** Rinse with warm water.

After each cleaning use treatment creams, for very dry skin greasy ointments.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:** Rinse out mouth and then drink plenty of water. If swallowed, seek medical advice immediately and show this container or label.

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

No further relevant information available.

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

No further relevant information available.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.

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

No further relevant information available..

### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

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

Particular danger of slipping on leaked/spilled product.

### 6.2 Environmental precautions:

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to enter sewers/ surface or ground water.

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

Warm water

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

### 6.4 Reference to other sections

See Section 13 for disposal information.

No dangerous substances are released.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures required.

**Information about fire – and explosion protection:** No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** Protect from frost.

Store under lock and key and out of the reach of children

### 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical systems:** No further data; see item 7.

### 8.1 Control parameters

**Components with limit values that require monitoring at the workplace:**

**Exposure limit values:**

**107-21-1 ethanediol**

**WEL** Short-term value: 104\*\* mg/m<sup>3</sup>, 40\*\* ppm

Long-term value: 10\* 52\*\* mg/m<sup>3</sup>, 20\*\* ppm

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Sk \*particulate \*\*vapour

- DNELs No available values.
- PNECs No available values.

**Additional information:** The lists that were valid during compilation were used as a basis.

## 8.2 Exposure controls

### Personal protective equipment

### General protective and hygienic measures

### Respiratory equipment:

Not required

### Protection of hands:

The glove material must be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation

### Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** if there is a risk of splashes

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

Form: Fluid

Colour: Whitish

Odour: Mild

Odour threshold: Not determined.

pH-value at 20°C: 8.5

Change in condition

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: > 100°C

Inflammability (solid, gaseous) Not determined

Ignition temperature: Not determined

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Decomposition temperature: Not determined.
Self-inflammability: Product is not self-igniting.
Explosive properties: Product is not explosive.
Explosive Limits: Lower: Not determined. Upper: Not determined.
Vapour pressure at 20°C: 23 hPa
Density at 20 °C: 1.035 g/cm <sup>3</sup> Relative density: Not determined. Vapour density: Not determined. Evaporation rate: Not determined.
Solubility in / Miscibility with Water: Fully miscible
Distribution coefficient (n-octanol/water): Not determined.
Viscosity: Dynamic at 20°C: Not determined Kinematic: 27s (ISO 3mm)
9.2 Other information No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

### 10.2 Chemical stability

#### Thermal decomposition / conditions to be avoided:

Protect from frost.

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known

## SECTION 11: Toxicological information

### • 11.1 Information on toxicological effects

• **Acute toxicity:**

• **LD/LC50 values relevant for classification:**

#### 107-21-1 ethanediol

Oral LD50 4000 mg/kg (rat)

Dermal LD50 10600 mg/kg (rabbit)

• **Primary irritant effect:**

• **on the skin:** No data available.

• **on the eye:** No data available.

• **Sensitisation:** No sensitising effects known.

• **Additional toxicological information:**

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The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

- **Repeated dose toxicity** Undetermined.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Undetermined.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** Undetermined

#### 107-21-1 ethanediol

EC50/48h >10000 mg/l (Daphnia magna)

#### • 12.2 Persistence and degradability

Elimination of contained polymers is possible through precipitation or flocculation.

The solvent is biodegradable.

- **12.3 Bioaccumulative potential** Undetermined.
- **12.4 Mobility in soil** No further relevant information available.

#### Ecotoxicological effects:

#### Behaviour in sewage processing plants:

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.

#### • Additional ecological information:

#### • General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### • Recommendation

**Must be specially treated adhering to official regulations.**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

- **European waste catalogue**

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20 01 30 detergents other than those mentioned in 20 01 29

08 01 15\* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

### • Uncleaned packaging:

### • Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Packagings that may not be cleansed are to be disposed of in the same manner as the product.

• **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

<b>14.1 UN-Number</b> ADR, IMDG, IATA UN3082	<b>This product is not dangerous according to ADR, ADN, IMDG, IATA.</b> VOID
<b>14.2 UN proper shipping name</b> ADR IMDG IATA	VOID
<b>14.3 Transport hazard class(es)</b> ADR, IMDG, IATA Class	VOID
<b>14.4 Packing group</b> ADR, IMDG, IATA	VOID
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	VOID

## SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Relevant phrases

H302 Harmful if swallowed.

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H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

R21/22 Harmful in contact with skin and if swallowed.

R22 Harmful if swallowed.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

• **Training hints** ---

• **Recommended restriction of use** ---

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Acute Tox. 3: Acute toxicity, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category