



# Ronacrete

## SAFETY DATA SHEET

### RonaScreed FastDry Prompt

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

**Product name** RonaScreed FastDry Prompt

**Product number** PC064

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

**Identified uses** [AC4] Stone, plaster, cement, glass and ceramic articles [ERC5] Industrial use resulting in inclusion into or onto a matrix [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

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

**Supplier** Ronacrete Limited  
 Ronac House  
 Flex Meadow  
 Harlow  
 Essex  
 CM19 5TD  
 www.ronacrete.co.uk  
 Tel: 01279 638 700  
 Fax: 01279 638 701  
 email: sds@ronacrete.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1279 638700, 8.00am - 5.00pm, Mon-Fri.

**National emergency telephone number** UK Consumers NHS 111. Medical professionals - www.toxbase.org

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Ox. Liq. 2 - H272

**Health hazards** Acute Tox. 4 - H302 Eye Irrit. 2 - H319

**Environmental hazards** Aquatic Acute 1 - H400

##### 2.2. Label elements

###### Hazard pictograms



**Signal word**

Danger

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<b>Hazard statements</b>	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.
<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 Keep away from combustible materials. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 Rinse mouth. P337+P313 If eye irritation persists: Get medical advice/ attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 Collect spillage. P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	Sodium nitrite

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

#### 3.2. Mixtures

<b>Sodium nitrite</b> <span style="float: right;"><b>10-30%</b></span> CAS number: — M factor (Acute) = 1
<b>Classification</b> Ox. Sol. 3 - H272 Acute Tox. 3 - H301 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400
<b>Calcium formate</b> <span style="float: right;"><b>5-10%</b></span> CAS number: 544-17-2 <span style="margin-left: 100px;">EC number: 208-863-7</span>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Move affected person to fresh air at once. Get medical attention.

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<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of water. Get medical attention if symptoms are severe or persist.
<b>Eye contact</b>	Wash with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

**General information** See Section 11 for additional information on health hazards.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray.

**Unsuitable extinguishing media** Carbon dioxide (CO<sub>2</sub>).

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

**Hazardous combustion products** Oxides of nitrogen. Oxygen.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use special protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Evacuate area. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation.

### 6.2. Environmental precautions

**Environmental precautions** Contain spillage and do not allow to contaminate soil and drains or watercourses

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

**Methods for cleaning up** Absorb spillage with inert, damp, non-combustible material. Dispose of this material and its container to hazardous or special waste collection point.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Follow precautions for safe handling described in this safety data sheet.

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

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**Storage precautions** Store in tightly-closed, original container in a well-ventilated place. Keep container dry. Store away from the following materials: Acids. Alkalis. Avoid contact with oxidising agents. Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Sodium nitrite

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Wear chemical splash goggles.

**Hand protection**

Wear protective gloves made of the following material: Nitrile rubber.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

When using do not eat, drink or smoke. Promptly remove any clothing that becomes wet or contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection**

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

**Environmental exposure controls**

Keep container tightly sealed when not in use. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance** Coloured liquid.

**Colour** Yellow.

**Odour** Mild.

**pH** pH (concentrated solution): 6.7-7

**Solubility(ies)** Miscible with water.

**Freezing Point**

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

**Reactivity** See Section 10.3 (Possibility of hazardous reactions) for further information.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** The following materials may react with the product: Amines. Oxidising agents. Reducing agents. Acids.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat. Do not allow to dry out.

### 10.5. Incompatible materials

**Materials to avoid** Acids. Powdered metal. Amines. Activated carbon Cyanides.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Oxides of nitrogen. Oxides of the following substances: Sodium.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 401.61

**Inhalation** Unlikely route of exposure as the product does not contain volatile substances.

**Ingestion** Harmful if swallowed.

**Skin contact** May be slightly irritating to skin.

**Eye contact** This product is strongly irritating.

## SECTION 12: Ecological information

**Ecotoxicity** Information given is applicable to:- Sodium nitrite

### 12.1. Toxicity

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 0.54-26.3 mg/l, Salmo gairdneri

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 96 hours: 4.93 mg/l, Freshwater invertebrates

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: >100 mg/l, Scenedesmus subspicatus

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

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**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Mix at the prescribed level with sand and cement, allow to harden then dispose of as dry waste.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 3219

**UN No. (IMDG)** 3219

**UN No. (ICAO)** 3219

**UN No. (ADN)** 3219

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S. (SODIUM NITRITE)

**Proper shipping name (IMDG)** NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S. (SODIUM NITRITE)

**Proper shipping name (ICAO)** NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S. (SODIUM NITRITE)

**Proper shipping name (ADN)** NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S. (SODIUM NITRITE)

### 14.3. Transport hazard class(es)

**ADR/RID class** 5.1

**ADR/RID classification code** O1

**ADR/RID label** 5.1

**IMDG class** 5.1

**ICAO class/division** 5.1

**ADN class** 5.1

### Transport labels



### 14.4. Packing group

**ADR/RID packing group** III

**IMDG packing group** III

**ICAO packing group** III

**ADN packing group** III

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### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-A, S-Q
ADR transport category	3
Emergency Action Code	2Y
Hazard Identification Number (ADR/RID)	50
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

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

<b>EU legislation</b>	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
<b>Guidance</b>	EH40/2005 Workplace exposure limits. Supplier product information and safety data sheets.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

<b>Issued by</b>	SHEQ Manager
<b>Revision date</b>	22/01/2021
<b>Revision</b>	1
<b>SDS number</b>	4911
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H301 Toxic if swallowed. H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.