

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

#### 1.1 Product identifiers

Product name : Anhydrite Floor Screed Q<sup>+</sup> ^d[ H] , D

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

Identified uses : Floor screed

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

Company : FM Conway Ltd.  
Conway House  
Vestry Road  
Sevenoaks  
Kent  
TN15 5EL  
UNITED KINGDOM  
Telephone : +44 (0) 1732 600700 (Mon. to Fri. 9am to 5pm)  
Internet : www.fmconway.co.uk

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Eye irritation (Category 2), H319

### 2.2 Label elements

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



Pictogram

Signal Word: WARNING

Hazard statement(s)

H319 Causes serious eye irritation

Precautionary statement(s)

P260 Do not breathe dust.

P280 Wear protective gloves.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3 Other hazards – None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

CAS No.	EC No.	Index No.	Classification	Concentration
Calcium hydroxide.				
1305-62-0	215-137-3	-	Eye Dam.1, Skin Irrit. 2, STOT SE 3 H315, H318, H335	<2%

Material also contains calcium sulphate >94% and calcium fluoride <4%. For the full text of the H-Statements mentioned in this Section, see Section 16.

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### If inhaled

Remove to fresh air and rest. If not breathing, give artificial respiration. If recovery is not rapid call for prompt medical attention. Show this safety data sheet to medical personnel.

#### In case of skin contact

Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. If irritation persists obtain medical attention.

#### In case of eye contact

Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. Obtain prompt medical attention.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek further medical attention.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available.

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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Non-combustible. Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which is suitable and appropriate for any surrounding fire.

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

No significant toxic fumes or combustion products are likely to be produced in a fire. Firefighting runoff from large quantities of material may be strongly alkaline and could cause irritation to eyes and skin.

### 5.3 Advice for firefighters

Do not breathe fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

### 5.4 Further information

No data available.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Use suitable personal protective equipment (refer to Section 8 for details).

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

### 6.3 Methods and materials for containment and cleaning up

Scoop up and place in plastic container to await transfer. Allow residues to cure, then damp down and sweep up. Do not dry sweep residues.

### 6.4 Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid formation of dusts. Provide appropriate exhaust ventilation at places where dust is formed. Do not allow product to be contaminated with water.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 7.3 Specific end use(s)

No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with occupational exposure limits

Component	CAS No.	Reference period	Exposure Limit	Basis
Calcium hydroxide	1305-62-0	8hr TWA	5mg/m <sup>3</sup>	UK. EH40 WEL
Calcium fluoride ( as fluoride ion)	7789-75-5	8hr TWA	2.5mg/m <sup>3</sup>	UK. EH40 WEL

### 8.2 Exposure controls

#### Appropriate engineering controls

Use in well ventilated areas. Use mechanical ventilation in poorly ventilated areas.

#### Personal protective equipment

##### Eye/face Protection

Wear suitable eye protection such as safety glasses or goggles to Standard S EN 166 if splash or eye contact likely.

##### Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Recommended glove types include any impervious heavy duty glove.

##### Body Protection

Impervious clothing, the type of protective equipment must be selected according to the prevalent conditions at the specific workplace.

##### Respiratory Protection

See Section 11 for information concerning inhalation of dry residues or process dusts arising from working with cured material. Where risk assessment in accordance with the hierarchy of controls established within the Chemical Agents Directive shows a requirement for respirators as a means of control use a particulate filter type P3 or equivalent.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- a) Appearance Grey granular paste/semi solid (unless pigmented)
- b) Odour Slight earthy odour
- c) Odour Threshold no data available
- d) pH 10-14
- e) Melting point/freezing point no data available
- f) Initial boiling point and boiling range not applicable
- g) Flash point not applicable
- h) Evaporation rate not applicable
- i) Flammability (solid, gas) Non flammable
- j) Upper/lower flammability or explosive limits Non-explosive
- k) Vapour pressure negligible
- l) Vapour density not applicable
- m) Relative density Greater than 2.0
- n) Water solubility mostly insoluble in water, will release alkaline leachate
- o) Partition coefficient: (n- octanol/water) no data available
- p) Auto-ignition temperature not applicable
- q) Decomposition temperature no data available
- r) Viscosity viscous
- s) Explosive properties none
- t) Oxidizing properties None

### 9.2 Other safety information

No data available

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable.

### 10.2 Chemical stability

Stable at normal temperatures and under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None expected under normal conditions.

### 10.4 Conditions to avoid

None.

### 10.5 Incompatible materials

Strong mineral acids.

### 10.6 Hazardous decomposition products

No hazardous decomposition products when stored and handled correctly.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

LD<sub>50</sub> (oral)/LD<sub>50</sub> (dermal)/LC<sub>50</sub> (inhalation): No acute lethal effects.

#### Skin corrosion/irritation

Exposure to wet material or to dry dust on moist areas of the body can cause skin irritation.

#### Serious eye damage/eye irritation

Primary eye irritant.

#### Respiratory or skin sensitisation

No known sensitisation potential

#### Germ cell mutagenicity

No known mutagenic potential.

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### Reproductive toxicity

No known toxic to reproduction potential.

#### Specific target organ toxicity - single exposure

Inhalation of dusts may cause transient respiratory irritation.

#### Specific target organ toxicity - repeated exposure

None.

#### Aspiration hazard

Does not pose an aspiration hazard.

#### Potential health effects

##### Inhalation

Inhalation of dust may cause respiratory tract irritation.

##### Ingestion

May be harmful if ingested in quantity with possible chemical burns to the throat and digestive tract.

##### Skin

May cause mild skin irritation and allergic contact dermatitis.

##### Eyes

Causes severe eye irritation.

#### Signs and Symptoms of Exposure

Exposure may cause the effects as described above.

#### Additional Information

Not available.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available. Alkaline solutions formed during contact with water will be dangerous to aquatic life in high concentrations.

### 12.2 Persistence and degradability

Will not biodegrade in the environment.

### 12.3 Bioaccumulative potential

No data available. Not expected to bioaccumulate.

### 12.4 Mobility in soil

Alkaline solutions formed during contact with water may penetrate soil causing groundwater contamination. Remaining insoluble components will be immobile.

### 12.5 Results of PBT and vPvB assessment

No data available. Will not meet PBT or vPvB criteria.

### 12.6 Other adverse effects

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

Can be landfilled in compliance with local requirements and the Hazardous Waste Regulations 2005. The material should be buried to prevent possible generation of airborne respirable dust.

#### Contaminated packaging

Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

### 14.2 UN proper shipping name

ADR/RID/IMDG/IATA: Not dangerous goods

14.3 Transport hazard class(es) Not applicable

14.4 Packaging group Not applicable

14.5 Environmental hazards Not applicable

14.6 Special precautions for user Not applicable

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## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Health & Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)

EH40/2005 Workplace Exposure Limits (as amended)

Environmental Protection Act 1990

Hazardous Waste Regulations 2005 (as amended)

### 15.2 Chemical Safety Assessment

No data available.

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## 16. OTHER INFORMATION

### Further information

#### Text of H-code(s) mentioned in Section 3

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

H335 May cause respiratory irritation

### Revision History

First Issue

### Recommended restrictions on use

Use in accordance with manufacturer's technical instructions.

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by FM Conway Limited (FM Conway). However, FM Conway makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.