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

1.1. Product identifier
Product name 
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1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses 
Mortar suitable for dense masonry

1.3. Details of the supplier of the safety data sheet
Supplier 
PAREX Ltd
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2QZ
Tel: +44 (0)1827 711755
(Mon-Fri 08:30-16:30)
Fax: +44 (0)1827 711330
sds@parex.co.uk

1.4. Emergency telephone number
Emergency telephone 
+ 44 (0)1827 711755 (Mon-Fri 08:30 - 16:30)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards 
Not Classified
Health hazards 
Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards 
Not Classified

2.2. Label elements
Pictogram 

Signal word 
Danger

Hazard statements 
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements 
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P402+P404 Store in a dry place. Store in a closed container.
Use within twelve months of date of manufacture.

Contains 
CALCIUM HYDROXIDE

2.3. Other hazards
SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>SILICA SAND</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 14808-60-7</td>
<td>EC number: 238-878-4</td>
</tr>
</tbody>
</table>

Classification
Acute Tox. 4 - H332

<table>
<thead>
<tr>
<th>CALCIUM HYDROXIDE</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 1305-62-0</td>
<td>REACH registration number: 01-2119475151-45-000</td>
</tr>
</tbody>
</table>

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335

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 and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion
Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Protection of first aiders
First aid personnel should wear appropriate protective equipment during any rescue.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters
Special protective equipment for firefighters
Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
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**Personal precautions**
Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions**

Environmental precautions
Do not discharge into drains, water courses or onto the ground.

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

Methods for cleaning up
Avoid generation and spreading of dust. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.

**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, eyes and clothing.

Advice on general occupational hygiene
Do not eat, drink or smoke when using this product.

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

Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**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**

**SILICA SAND**
Long-term exposure limit (8-hour TWA): 0.1 mg/m³
Short-term exposure limit (15-minute): 0.1 mg/m³ (Ireland)

**CALCIUM HYDROXIDE**
Long-term exposure limit (8-hour TWA): WEL 1 mg/m³ (resp) 4 mg/m³ (resp)
WEL = Workplace Exposure Limit

**8.2. Exposure controls**

**Protective equipment**

Appropriate engineering controls
As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection
Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection
Wear protective gloves.

Other skin and body protection
Wear appropriate clothing to prevent skin contamination.

Hygiene measures
Wash at the end of each work shift and before eating, smoking and using the toilet.
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Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder.</td>
</tr>
<tr>
<td>Colour</td>
<td>Various colours.</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless.</td>
</tr>
<tr>
<td>pH</td>
<td>Approximately 12 - 13 in aqueous solution.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt;1</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Human skin model test

Irritating.

Serious eye damage/irritation

Serious eye damage/irritation

Corrosivity to eyes is assumed.

Skin sensitisation

Skin sensitisation

Sensitising.

Specific target organ toxicity - single exposure

Target organs

Respiratory system, lungs

Aspiration hazard

Aspiration hazard

May be harmful if swallowed and enters airways.

Inhalation

Irritating to respiratory system.

Skin contact

May cause an allergic skin reaction.
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Eye contact Causes serious eye damage.

SECTION 12: Ecological Information

12.1. Toxicity
12.2. Persistence and degradability
12.3. Bioaccumulative potential
12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment
12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General Not classified as hazardous for transport.

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
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


15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by QSHE Manager
Revision date 30/08/2018
Supersedes date 31/08/2017
SDS number 20471

Hazard statements in full H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
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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.