### Substance/Preparation

**Substance Name:** Natural Aggregates

### First Aid Measures

**Summary of First Aid Procedures**

**Inhalation**
Immediately remove to fresh air. If breathing is stopped or irregular, apply artificial respiration and seek medical attention.

**Skin Contact**
Wash with water. Prolonged contact may cause irritation.

**Eye Contact**
Immediately and thoroughly irrigate with water. The material is abrasive and may scratch the surface of the eye. If pain persists seek medical attention.

**Ingestion**
Remove to fresh air and give water to drink. Seek medical advice.

### Company/Undertaking

Breedon Southern Limited  
Breedon Quarry  
Breedon on the Hill  
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Telephone: 01332 694010  
Fax: 01332 863149

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DD5 3RB  
Telephone: 01382 537600  
Fax: 01382 537619

Web: www.breedongroup.com  
Email: enquiries@breedongroup.com

### Composition/Ingredients

Crushed rock and sand and gravel aggregates. (Separate data sheets are available for powdered aggregates).

### Fire Fighting Measures

**Suitable Extinguishing Media**
Not applicable

**Unsuitable Extinguishing Media**
Not applicable

**Special Exposure Hazards in Fire**
None

**Special Protective Equipment for Fire Fighters**
None.

### Hazards Identification

These products are NOT classified as hazardous in accordance with the CHIP regulations (SI 3247:1994).

If inhaled in excessive quantities over a prolonged period or extended period, respirable dust can constitute a long term health hazard. Dusts containing Respirable Crystalline Silica (Quartz) present a greater hazard.

Some sand aggregates are unsuitable for sand blasting operations as they may break down, producing respirable dust containing Quartz.

Advice on the Quartz content and other chemical information is available from the supplying unit.

### Accidental Release Measures

**Personal Precautions**
Avoid breathing in dust.

**Environmental Precautions**
Entry into watercourses should be avoided.

**Methods for Cleaning**
Spray with water to prevent airborne dust. Avoid dry sweeping which creates dust.

### Handling/Storage

**Handling**
The product should be handled to minimise the creation of airborne dust.

### Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Granular solid</td>
</tr>
<tr>
<td>Odour</td>
<td>None</td>
</tr>
<tr>
<td>PH</td>
<td>Various</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td><strong>Melting Point/Range</strong></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>No special requirements.</td>
<td><strong>Flash Point (0c)</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Flammability</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Auto Flammability</strong></td>
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<tr>
<td></td>
<td><strong>Explosive Properties</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Oxidising Properties</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Vapour Pressure</strong></td>
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<tr>
<td></td>
<td><strong>Relative Density</strong></td>
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<tr>
<td></td>
<td><strong>Water Solubility</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Fat Solubility</strong></td>
</tr>
</tbody>
</table>

**Exposure Controls**

- **Take Measures to Prevent**
  - Inhalation of dust from aggregates should be avoided.

- **Workplace Exposure Limits**
  - Total Inhalable Dust: 10mg/m³ 8 Hours T.W.A.
  - Respirable Dust: 4mg/m³ 8 hours T.W.A.
  - Respirable Quartz: 0.1mg/m³ 8 Hours T.W.A. (Crystalline Silica SiO2)
  - T.W.A. = Time Weighted Average

**Stability and Reactivity**

- **Conditions to avoid**
  - None.

- **Materials to avoid**
  - Acids (for aggregates containing CaCO³ & MgCO³)

- **Hazardous Decomposition Products**
  - Limestone aggregates may react with acid groundwater to release carbon dioxide gas, which may build up in confined spaces to hazardous concentrations.

**Personal Protection**

- **Respiratory Protection**
  - Suitable dust masks should be worn in enclosed spaces where the handling or further crushing of dry aggregates is taking place and where adequate ventilation is not provided.

- **Hand Protection**
  - Gloves.

- **Eye Protection**
  - Goggles may be required.

- **Skin Protection**
  - Overalls.

**Ecological Information**

- **Environmental Assessment**
  - When used and disposed of as intended, no adverse environmental effects are foreseen. Aggregates are naturally occurring minerals.

- **Mobility**
  - Aggregates are non-volatile materials that will sink in water and form a solid layer on the surface of the ground.

- **Persistence and Degradability**
  - Aggregates are resistant to degradation and will persist in the environment.

- **Ecotoxicity**
  - Not expected to be toxic to aquatic organisms.

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**Transport Information**

- **Special Carriage Requirements**
  - None - open vehicles to be sheeted to avoid dust nuisance.
<table>
<thead>
<tr>
<th>Disposal</th>
<th>Other Information</th>
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<tbody>
<tr>
<td><strong>Likely Residues/Waste Product</strong>&lt;br&gt;None.</td>
<td><strong>Training Advice</strong>&lt;br&gt;Wear and use of PPE</td>
</tr>
<tr>
<td><strong>Safe Handling of Residues/Waste Product</strong>&lt;br&gt;Aggregates are inert but should be disposed of in accordance with local and national legal requirements. See the Environmental Protection Act 1990 'Duty of care' and other current legislation.</td>
<td><strong>Recommended Uses and Applications</strong>&lt;br&gt;Industrial and construction applications</td>
</tr>
</tbody>
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<tr>
<th>Regulatory Information</th>
<th>Legal Notice</th>
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<tbody>
<tr>
<td>This product is NOT classified as dangerous for transport.</td>
<td>The information in this Safety Data Sheet was believed to be correct at the time of issue. However, no warranty is made or implied as to the accuracy or completeness of this information.</td>
</tr>
<tr>
<td></td>
<td>If you have purchased this product for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.</td>
</tr>
<tr>
<td></td>
<td>If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and any of the precautions which should be taken.</td>
</tr>
<tr>
<td></td>
<td>This Safety Data Sheet does not constitute the user’s own assessment of workplace risk, and it is the user’s sole responsibility to take all necessary precautions when using this product.</td>
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