



## The Irish Concrete Federation

# **Material Safety Data Sheet – Natural Aggregates: Crushed Rock Sand and Gravel Aggregates**

### 1.(a) **Identification of Product**

**Natural Aggregates: Crushed Rock,  
Sand and Gravel Aggregates**

### (b) **Name of Company:**

**KILCARRIG QUARRIES LTD**

**Telephone:059 9721617**

### 2. **Composition of Ingredients**

Natural aggregates are produced from naturally occurring rock, sand and gravel deposits, and consist of combinations of various minerals, including quartz.

### 3. **Hazard Identification**

- (a) Crushing, drilling, cutting or breaking of natural aggregates can create dust, if inhaled in excessive quantities over extended periods. Respirable dust can constitute a long-term hazard.
- (b) Crushing, drilling cutting or breaking of natural aggregates, unless adequately controlled, can project particles at high velocity, with consequent risk of impact damage and/or injury, particularly to exposed areas of the body and eyes.
- (c) Lifting and manual handling of large size rock can cause injury, and should be handled accordingly.



### 4. **First Aid Measures**

First Aid Treatment is as follows:

#### 4.1 **Eye Contact**

Immediately rinse under running water and seek medical advice.

### 4.2 **Cuts/Abrasions**

Cuts/abrasions from natural aggregates should be cleaned and treated, using the normal first-aid method. Wounds must receive prompt medical attention.

In all doubtful cases, medical advice must be obtained.

### 5. **Fire Fighting Measures**

Not applicable.

### 6. **Accidental Release Measures**

6.1 Avoid contact with skin.

6.2 Take up product using appropriate equipment.

### 7. **Handling & Storage**

7.1 Avoid contact with eyes and skin.

7.2 Before lifting always size up the load. Always follow safe lifting and manual handling procedures.

7.3 The preferred method of handling is by mechanical means. Where storage of material is necessary in public areas or areas accessed by the public, adequate notices, signs and markings should be used.

### 8. **Exposure Controls/Personal Protection**

#### 8.1 **Hand Protection**

Wear suitable protective gloves.

#### 8.2 **Skin Protection**

Avoid contact with skin.

### **DISCLAIMER**

This Material Safety Data Sheet has been prepared by the Irish Concrete Federation in consultation with its members and with technical assistance from the Industry's Safety Committee. Every care has been taken to ensure that the information contained herein is correct and accurate at the date of publication. However, the Irish Concrete Federation Ltd. cannot accept any responsibility or liability for any errors, inaccuracies or omissions which may have occurred inadvertently.

<p>8.3 <b><u>Eye Protection</u></b></p> <p>Wear goggles to prevent eye contact with flying particles, when crushing, drilling, cutting or breaking natural aggregates.</p> <p>8.4 <b><u>Masks</u></b></p> <p>Wear appropriate respiratory protection when crushing, drilling, cutting or breaking natural aggregates.</p> <p>8.5 <b><u>Footwear</u></b></p> <p>Wear footwear with protective toecaps when working with natural aggregates.</p> <p>9. <b><u>Physical &amp; Chemical Properties</u></b></p> <p>Natural aggregates are abrasive.</p> <p>10. <b><u>Stability &amp; Reactivity</u></b></p> <p>Not applicable.</p> <p>11. <b><u>Toxicological Information</u></b></p> <p>No risks on observance of safety instructions at <b>6</b>, <b>7</b> and <b>8</b> above.</p> <p>12. <b><u>Ecological Information</u></b></p> <p>Natural aggregates have no ecological effects.</p> <p>13. <b><u>Disposal Considerations</u></b></p> <p>Natural aggregates may be recycled or placed in approved licensed landfill site.</p>	<p>14. <b><u>Transport Information</u></b></p> <p>Ensure security and safety of load at all times.</p> <p>15. <b><u>Regulatory Information</u></b></p> <p>Not applicable.</p> <p>16. <b><u>Other Information</u></b></p> <p>None.</p> <p>Issued January 2006</p>
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