



**MATERIAL SAFETY DATA SHEET**

Revised 25/05/2008

**Nominal 10mm Recycled Aggregate**

<b>Product Code</b>	<b>I0AGG</b> 																		
<b>Source</b>	BENEDICT Moorebank																		
<b>Disclaimer</b>	<b>The product data contained in this Product Data Sheet is applicable to Benedict Sand &amp; Gravel materials and is current at the time of publication. Benedict Sand &amp; Gravel reserves the right to vary product specifications without notice. The data contained within this sheet supersedes all previous information. Customers are advised to consider the new Protection of the Environment Operations Regulation 2008 (EPA) regulations relating to the use of recycled materials. For further details see <a href="http://www.environment.nsw.gov.au">www.environment.nsw.gov.au</a></b>																		
<b>Description</b>	<p>Screened to -14 + 7mm, <b>Nominal 10mm Recycled Aggregate</b> is an excellent backfilling material for stormwater pipes, sewer pipes or other sub-surface drainage lines. This product is produced to conform to Table 2 of Resource NSW's "Specification for Supply of Recycled Material for Pavements, Earthworks &amp; Drainage"</p> <p> denotes recycled product containing man-made objects such as but not limited to glass and plastic.</p>																		
<b>Test Method</b> AS 1289.3.6.1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #cccccc;">SIEVE SIZE (mm)</th> <th style="background-color: #cccccc;">% PASSING</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">26.5</td><td style="text-align: center;">100</td></tr> <tr><td style="text-align: center;">19.0</td><td style="text-align: center;">100</td></tr> <tr><td style="text-align: center;">13.2</td><td style="text-align: center;">100</td></tr> <tr><td style="text-align: center;">9.5</td><td style="text-align: center;">71</td></tr> <tr><td style="text-align: center;">6.7</td><td style="text-align: center;">16</td></tr> <tr><td style="text-align: center;">4.75</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">2.36</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: center;">0.075</td><td style="text-align: center;">1</td></tr> </tbody> </table>	SIEVE SIZE (mm)	% PASSING	26.5	100	19.0	100	13.2	100	9.5	71	6.7	16	4.75	3	2.36	2	0.075	1
SIEVE SIZE (mm)	% PASSING																		
26.5	100																		
19.0	100																		
13.2	100																		
9.5	71																		
6.7	16																		
4.75	3																		
2.36	2																		
0.075	1																		
AS 1141.22	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: left;">Wet Strength (kN)</td><td style="text-align: center;">50</td></tr> <tr><td style="text-align: left;">Dry Strength (kN)</td><td style="text-align: center;">84</td></tr> <tr><td style="text-align: left;">Wet/Dry Strength Variation (%)</td><td style="text-align: center;">40</td></tr> </tbody> </table>	Wet Strength (kN)	50	Dry Strength (kN)	84	Wet/Dry Strength Variation (%)	40												
Wet Strength (kN)	50																		
Dry Strength (kN)	84																		
Wet/Dry Strength Variation (%)	40																		
RTA T114	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: left;">MDCS (Mpa)</td><td style="text-align: center;">2.4</td></tr> </tbody> </table>	MDCS (Mpa)	2.4																
MDCS (Mpa)	2.4																		
<b>Transport &amp; Placement</b>	<p>Ensure that the material remains moist at all times during transport and placement. Material may be discharged from the truck into stockpiles or directly into the location where it will be finally used. If drying or particle segregation occurs the material must be remoistened and mixed prior to placement to achieve a homogenous blend of all components. Each truckload of material is delivered with a delivery docket identifying the material type and the tonnage of material delivered.</p>																		

## Nominal 10mm Recycled Aggregate Contd.

### Safety & Handling

#### Description

This product is composed of virgin excavated natural material that contains high amounts of silica, and other compounds such as alumino-silicates.

#### Risk

Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma to pneumonia-like illnesses. Direct contact with this material or this dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis) and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those with weak immune defence.

#### Safety

Avoid contact with eyes and skin. Avoid breathing dust/and or liquid mists (bioaerosols). Wear suitable protective clothing and standard duty gloves (AS 2162.2). If exposed to dust and/or liquid mists, wear dust resistant eye protection (AS/NZS 1336) and a particulate respirator (AS/NZS 1715 and 1716). Wash thoroughly immediately after handling. Wash work clothes regularly. Clean up by wet sweeping or vacuuming.

#### First Aid

Irrigate eyes with plenty of water for 10 minutes. Wash skin with soap and water. For inhalation, remove to fresh air. Seek medical attention for any persistent skin, eye or respiratory symptoms.

**Note:** Please refer to the appropriate Material Safety Data Sheet for more specific safety and handling information.

### Alternative Products

Nominal 20mm Recycled Aggregate, Crushed River Gravels, Blue Metal, Filter Sands.

### Technical Enquiries

#### BENEDICT SAND & GRAVEL

ABN 99 073 763 292

ph: (02) 9986 3500

fax: (02) 9986 3555

email: sales@benedict.com.au

web: www.benedict.com.au

post: PO BOX 875 ST IVES NSW 2075