



**Benedict Native Garden Mix**

<b>Product Code</b>	<b>G/MIXO (BS133)</b> 
<b>Source</b>	BENEDICT Menangle
<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.</b>
<b>Description</b>	<p>This premium organic garden mix is suitable for most species of Australian natives however care should be taken when growing highly sensitive plants. Exotics and vegetables may need fertiliser additions.</p> <p><b>BS133</b> is engineered to conform to AS4419 (2003) Soils for landscaping and garden use, specifically section 4.6 covering soil blends. This is an unfertilised blend and we recommend that appropriate proprietary fertilisers be applied in keeping with the manufacturers application rates.</p> <p> denotes recycled product containing composted organics.</p>
<b>Uses</b>	<ul style="list-style-type: none"> <li>&gt; Turf Underlay</li> <li>&gt; Gardens on grade</li> <li>&gt; Planter boxes</li> <li>&gt; Improvement of existing garden soils</li> </ul> <p>The incorporation rate for the improvement of existing garden soil is recommended at between 10 – 50% by volume, as site conditions require. Mechanically incorporate organic planting mix into the top 150 – 200mm.</p> <p><b>Please note:</b> Benedict Sand &amp; Gravel do not recommend the placement of materials (eg. garden mix) at depths greater than 300mm.</p>
<b>Benefits</b>	<p>Low phosphorus content makes this product ideal for growing hardy Australian Natives.</p> <ul style="list-style-type: none"> <li>&gt; Ideal pH range</li> <li>&gt; Excellent water retention</li> <li>&gt; Suitable organic matter content</li> <li>&gt; Consistent Quality Assured blend</li> </ul>



**Benedict Native Garden Mix Contd.**

**Characteristics**

PHYSICAL PROPERTIES	TYPICAL RANGE	ACCEPTABLE RANGE (AS4419)
<b>Particle Size</b>		
<10mm	99.2%	
10-20mm	0.8%	<8
>20mm	0%	<2
Bulk Density	1.4kg/L	>0.7
Permeability	11.5cm/hr	2-100
Wettability	257.1mm/min	>5
Organic Matter	4.55%	3-15
Toxicity	98%	>70

**Texture  
Moisture Content**

Decomposed matter in a matrix of loamy soil  
Not to exceed 10% by mass (AS1289)

**Characteristics**

CHEMICAL PROPERTIES	TYPICAL RANGE	ACCEPTABLE RANGE (AS4419)
pH in water (1:5)	6.0	5.5 – 7.5
Electrical Conductivity	0.12mS/cm	<1.2
Phosphorus	17mg/kg	

**Transport & Placement**

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. It is recommended that the material be placed in 100mm layers and compacted.

## Benedict Native Garden Mix Contd.

### Safety & Handling

#### Description

This product is partially composed of decomposed organics that contain a variety of living microorganisms which could include fungi, protozoa and a wide range of bacteria.

#### 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

Premium Organic Garden Mix, **SmartMix™ 4**, Sand/soil blends, washed sands.

### Technical Enquiries

#### BENEDICT SAND & GRAVEL

ABN 99 073 763 292

ph: (02) **9986 3500**

fax: (02) 9986 3555

email: [sales@benedict.com.au](mailto:sales@benedict.com.au)

web: [www.benedict.com.au](http://www.benedict.com.au)

post: PO BOX 875 ST IVES NSW 2075