

**Benedict Screened Sandy Loam**

<b>Product Code</b>	<b>T/SSCR (M01)</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>	Chocolate brown in colour, this fine sandy loam is derived from Virgin Alluvial Deposits that are screened to minus 8mm.
<b>Components</b>	100% virgin excavated alluvial soil
<b>Uses</b>	<ul style="list-style-type: none"> <li>&gt; Turf Underlay in low traffic areas</li> <li>&gt; Improving the texture and water holding capacity of existing sandy soils</li> </ul>
<b>Other Applications</b>	<ul style="list-style-type: none"> <li>&gt; Forms an important component in sand/soil blends for sports turf or sand/soil/organic blends for gardens and planter box applications.</li> <li>&gt; Cover material for synthetic/concrete wickets during the off season.</li> </ul>
<b>Benefits</b>	<p>The rich texture of this screened sandy loam encourages lateral gross growth by providing a solid rooting medium.</p> <ul style="list-style-type: none"> <li>&gt; Excellent Water Holding Capacity</li> <li>&gt; Suitable Organic Matter Content</li> </ul>



**Benedict Screened Sandy Loam Contd.**

**Characteristics**

PHYSICAL PROPERTIES	TYPICAL RANGE	ACCEPTABLE RANGE (AS4419)
<b>Particle Size</b>		
<10mm	100%	
10-20mm	0%	<8
>20mm	0%	<2
Bulk Density	1.2kg/L	>0.7
Permeability	9.0cm/hr	2-100
Wettability	600mm/min	>5
Organic Matter	3.87%	3-15
Toxicity	89%	>70

**Texture  
Moisture Content**

Fine sandy loam  
Not to exceed 10% by mass (AS1289)

**Characteristics**

CHEMICAL PROPERTIES	TYPICAL RANGE	ACCEPTABLE RANGE (AS4419)
pH in water (1:5)	6.3	5.5 – 7.5
Electrical Conductivity	0.03mS/cm	<1.2
Phosphorus	11.6mg/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.

## Benedict Screened Sandy Loam Contd.

### Safety & Handling

#### Description

This product is composed of Virgin Excavated Natural Material (VENM) 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

Sand/soil blends, washed sand, soil/compost blends

### Technical Enquiries

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