

# TECHNICAL DATA SHEET

## Road Material Stabilisers (Pty) Ltd

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### P100

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<b>DESCRIPTION:</b>  P100 is uniquely formulated anionic long chain organic polymer in emulsion for the stabilisation and erosion control on slopes, berms and other areas suffering soil loss through water and wind erosion.		<b>APPLICATION RATES:</b> Product: 200 kg per hectare Dilution: 1:100 / 200  <i>(Dilution ratios are with water and offered as a guide, use as directed)</i>			
<b>BENEFITS:</b> <ul style="list-style-type: none"><li>- Water-based emulsion</li><li>- Reduces soil erosion by up to 99%</li><li>- Suitable for application to a wide variety of soil types and surfaces</li><li>- No specialised equipment required</li><li>- Stays active for 4-5 weeks and then breaks down into CO<sub>2</sub>, water and ammonia through UV exposure</li><li>- Biodegradable and non-toxic</li><li>- Reduces irrigation by up to 50%</li><li>- Improves utilisation of fertilisers and pesticides</li><li>- Reduces run-off</li></ul>					
<b>PREPARATION:</b> <ul style="list-style-type: none"><li>- Mix P100 with water in a suitable sprayer</li></ul>					
<b>APPLICATION:</b> <ul style="list-style-type: none"><li>- Apply the product-water solution using the prescribed dilution ratio at a rate of approximately 2 litres per square metre.</li><li>- P100 is compatible for application using any existing Irrigation system.</li></ul>					
<b>CHARACTERISTICS:</b> <ul style="list-style-type: none"><li>Appearance - milky white viscous liquid</li><li>Specific gravity - 1.01 @ 25 °C</li><li>pH - 6-8</li><li>Odour - aliphatic</li><li>Solids %m/m - N/A</li><li>Diluent - water</li></ul>					
<b>HAZARDS:</b> <ul style="list-style-type: none"><li>Fire - non-flammable</li><li>Explosion: - non-explosive</li> <li>Skin - mildly irritant</li><li>Ingestion - mildly irritant</li><li>Eyes - mildly irritant</li></ul>		<b>PRECAUTIONS:</b> <ul style="list-style-type: none"><li>-</li><li>-</li> <li>Wear protective clothing for sensitive skins</li><li>Do not ingest</li><li>Avoid splashing; wear goggles</li></ul>		<b>FIRST AID:</b> <ul style="list-style-type: none"><li>-</li><li>-</li> <li>Rinse with water</li><li>Do not induce vomiting*</li><li>Flush with water for min 20 min*</li><li><i>*(Seek prompt medical advice)</i></li></ul>	
<b>STORAGE:</b> <ul style="list-style-type: none"><li>Storage temperature - + 5-60 °C</li><li>Transport temperature - + 5-60 °C</li></ul>		<b>PACKAGING / LABELLING:</b> <ul style="list-style-type: none"><li>Packed - 20 / 200 litre drums</li><li>Label - includes description, application, first aid and batch number</li></ul>			