

TECHNICAL DATA SHEET

**Road Material Stabilisers
(Pty) Ltd**
1986/004184/07

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DUSTEX

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DESCRIPTION: Dustex is a uniquely formulated lignosulphonate-based binder and gravel preserver suitable for binding both fine and coarse particles. Dustex is also suitable for spray-on applications to the surface of areas requiring short or medium term dust suppression		APPLICATION RATES: <table border="0"> <tr> <td rowspan="2">Mix-in</td> <td>Liquid</td> <td>1-2%</td> </tr> <tr> <td>Powder</td> <td>0.5-1%</td> </tr> <tr> <td rowspan="2">Spray-on</td> <td>Liquid</td> <td>1.0-1.5 kg/m²</td> </tr> <tr> <td>Powder</td> <td>0.5-0.8 kg/m²</td> </tr> </table>		Mix-in	Liquid	1-2%	Powder	0.5-1%	Spray-on	Liquid	1.0-1.5 kg/m ²	Powder	0.5-0.8 kg/m ²					
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BENEFITS: <ul style="list-style-type: none"> - Reduced gravel loss and dust levels and road maintenance - Suitable for use with a variety of materials with compositions and characteristics - Easy to apply, no specialised equipment required - Roads can be trafficked immediately - Environmentally friendly, non-toxic and non-hazardous 																		
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APPLICATION: <p>Mix-in</p> <ul style="list-style-type: none"> - Rip the road to 150 mm and break large clods to maximum 50 mm - Calculate the approximate volume of water required to reach OMC and add 85% of the required product application rate to this quantity of water - Apply the solution onto the prepared surface in 2 to 4 applications, mixing thoroughly between applications - Shape to required camber and compact with pneumatic or vibratory roller to required density - Apply remaining 15% product to the road surface while still damp <p>Spray-on</p> <ul style="list-style-type: none"> - For spray-on applications, the road surface should be well compacted, density >93%, firm and free of excess loose material and with sufficient camber to allow for proper drainage - Apply the product in multiple applications using a 10-15% solution of product with water - Avoid run-off and pooling 																		
CHARACTERISTICS: <table border="0"> <thead> <tr> <th>Product form</th> <th>Liquid</th> <th>Powder</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>- Brown viscous liquid</td> <td>Brown water-soluble powder</td> </tr> <tr> <td>Specific gravity</td> <td>- Liquid -1300kg/m³</td> <td>Powder - 500kg/m³</td> </tr> <tr> <td>pH (10% solution)</td> <td>- 3.3 ±1</td> <td>3.3 ±1</td> </tr> <tr> <td>Solids % m/m</td> <td>- 50 ±1</td> <td>95% dry matter</td> </tr> </tbody> </table>				Product form	Liquid	Powder	Appearance	- Brown viscous liquid	Brown water-soluble powder	Specific gravity	- Liquid -1300kg/m ³	Powder - 500kg/m ³	pH (10% solution)	- 3.3 ±1	3.3 ±1	Solids % m/m	- 50 ±1	95% dry matter
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HAZARDS: <ul style="list-style-type: none"> Fire - on-flammable Explosion: - non-explosive Skin - non-irritant Ingestion - non-hazardous Eyes - non-irritant 		PRECAUTIONS: <ul style="list-style-type: none"> - - - Safety gloves are recommended - Do not ingest - Eye goggles are recommended 																
STORAGE: The product is stable for several years under dry cool storage conditions		PACKAGING: <ul style="list-style-type: none"> Liquid: - bulk 34 ton loads Powder: - 30 kg and 600 kg bulk bags 																
FIRST AID: <ul style="list-style-type: none"> - - - Rinse with water - Drink water - Flush with water 																		