

# TECHNICAL DATA SHEET

## Road Material Stabilisers

(Pty) Ltd

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### HRDC+

DATE: 23/08/2004

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#### DESCRIPTION:

HRDC+ is a uniquely formulated blend of surfactants, wetting agents and dispersants plus selected binders which increases the ability of water to wet and promotes the suppression of road dust.

#### APPLICATION RATES:

Dilution: 1:250 – 1:2000

Nominal application rate: 1-4l/m<sup>2</sup>

*(Application rates are offered as a guide, use as directed)*

#### BENEFITS:

- Increases the wetting and penetration ability of water by over 100%.
- Causes a deep moisture penetration into dust and the roadbed.
- Binds and agglomerates fine particles.
- Suitable for use with a variety of materials with compositions and characteristics
- Contains non-volatile materials which attract both dust particles and water.
- Easy to apply, no specialised equipment required.
- Reduces water's tension which causes water to spread in much smaller droplets.
- Roads can be trafficked immediately.
- Environmentally friendly, non-toxic and non-hazardous.

#### PREPARATION:

- Dilute the required HRDC+ with the water in the water bowser
- Circulate the water or agitate prior to spraying.

#### APPLICATION:

- Apply HRDC+/water mix to the surface to be treated
- For spray-on applications, the road surface should be well compacted, firm and free of excess loose material and with sufficient camber to allow for proper drainage
- Apply the product in multiple applications with water
- Avoid run-off and pooling
- Re-apply as required

#### CHARACTERISTICS:

Appearance	- Off white/yellow viscous liquid
Specific gravity	- +/-1 @ 25°C
pH	- 7-9
Odour	- Characteristic
Diluent	- water

#### HAZARDS:

Fire	- non-flammable
Explosion:	- non-explosive
Skin	- slight irritant
Ingestion	- non-hazardous
Eyes	- irritant

#### PRECAUTIONS:

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- Safety gloves are recommended
- Do not ingest
- Eye goggles are recommended

#### FIRST AID:

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- Rinse with water
- Drink water
- Flush with water

#### STORAGE:

The product is stable for several years under dry cool storage conditions

#### PACKAGING:

Packed:	- 20/25 liter drums
Label:	- including description, application, first aid and batch number