

# TECHNICAL DATA SHEET

## Dustat - RESIDUAL AND CUMULATIVE DUST CONTROL

The total and most effective treatment for dust control.

A highly efficient dust control and substrate stabilising agent that provides a residual and cumulative effect on unsealed roads and embankments, in above ground and under ground areas, fly ash containment areas, or wherever dust control is a problem.



A dark brown sweet-smelling liquid.

### FEATURES

High agglomeration efficiency

Strongly hygroscopic

Cumulative effect

Plant- based concentrate

Low surface tension

Completely safe to use

Environmentally responsible

Non-corrosive

### BENEFITS:

Binds fine dust particles together forming heavier, less dust producing aggregates.

Creates a moist micro environment that maintains a residual effect

Continual use progressively assists the compaction of the substrate.

Exhibits high resistance to leaching away with rain or watering.

A natural replacement for corrosive chloride salts and ineffective wetting agent type formulas

Wets soil particles quickly and efficiently

Non-toxic, and not harmful to skin

Non-phytotoxic, non-pollutant, bio-degradable

Prevents activation of metal surfaces and prolongs life of equipment

- Reduces overall time taken to effect adequate dust control.
- Reduces overall water volume required to produce adequate dust control.

### PRODUCT TREATMENT

The extent of treatment will depend on the end result desired. Treatment can vary from low levels of application with little or no road preparation to extensive, deep treatment carried out for road stabilisation. Variations in procedure may be necessary according to weather conditions and aggregates encountered.

May be used wherever water spraying is employed to minimise or prevent dusting of road surface areas.

### PRODUCT HANDLING

DUSTAT is safe to use. It is non-toxic, and is not dangerous or difficult to handle. Handling should be conducted according to normal industrial hygiene practices.

### DIRECTIONS:

Dustat mixes readily with water and can be used to provide a wide range of dust control effects. The concentrations and application rate will vary greatly according to effect required and general use restrictions.

**For high effect, low maintenance, cumulative road maintenance** - Dilute DUSTAT 1 part in 5 parts water (200mL per Lt) for maximum effect or 1 part in 10 parts water (100mL per Lt) for isolated de-dusting.

If sprayed twice daily for 3 days, a strong base residue will be created. Under normal conditions where a continual treatment programme is employed, the area may be then sprayed daily with a dilution of 1 part in 50 parts water.

**For general efficient dust suppression** - Concentrations as high as 1 part in 50 part water (20mls/ltr) for small areas or 1 part in 200 part water (5lt/1000lt) for large areas may be used for primary or isolated de-dusting. Under normal conditions, where continual water spraying is employed, the area may be sprayed with a dilution of 1 part in 300 parts water (3.3lt/1000) initially until dust is well controlled, then at a ratio of up to 1 part to 1000 parts water for successive spraying.

SIZES	20L	205L	1000L
PRODUCT CODE	SMPDUST205L	SMPDUST205L	SMPDUST1000L