



RT40 DUST SUPPRESSANT

FOR SPRAY NOZZLE SYSTEMS

BENEFITS

- Reduces dust Levels by a further 60% over traditional water spray applications
- Tailor made to suit individual material and water types
- Wets out fines particles fast
- Aggregates individual fines particles into a larger mass
- Is easily injected into water systems
- Environmentally safe

DESCRIPTION

RT40 has been developed to improve the dust suppression performance of crusher, conveyor belt and transfer point spray nozzle systems.

Water droplets generated by a spray system must be kept within a specific size range to effectively control dust. If the droplets are too large, the smaller dust particles typically just 'slipstream' around them without contact. Conversely, if too small, the droplets simply mix and circulate with the dust particles without wetting them.

RT40 attracts the dust particles, wets them, agglomerates them and drops them.

The implementation of RT40 should include the evaluation of the total system's requirements and if required, changing and repositioning nozzle sizes to ensure optimum results are achieved.

APPLICATION

RT40 is diluted at between 1:2000 & 1:10000. As material and water types vary from project to project, dosage rates are determined individually according to site requirements.

The product is simply injected into the water flow and mixes readily with the water.

HEALTH, SAFETY, ENVIRONMENT AND THE COMMUNITY (HSEC)

RST strives, through a process of continuous improvement, to fully integrate health, safety, environmental and community (HSEC) consciousness into all aspects of its activities

Please refer to latest Product Technical Sheet or Material Safety Data Sheet for more information.