

# NEW from air spectrum



## dust control additive



**dst 1** has been specially developed to prevent airborne dust from conveyors, transfer points and material movement to lead to a safer working environment.

**dst 1** is a non ionic surfactant and is supplied as a pale yellow liquid.

### application environment

With very low surface tension properties, **dst 1** is specially suited for the following applications:

- mining operations and quarries (conveyors)
- cement works
- ore transportation
- food industry

### how it works

**dst 1** is a high quality product developed to enhance the “wetting” properties of water. **dst 1** is very efficient in reducing dust emissions.

### dosage

**dst 1** is perfectly soluble in water. The recommended dosage of a 1/3000 solution of **dst 1** is 0.3 to 1.5% per dry tonne of ore. This corresponds to a consumption of 1 to 5ppm of commercial product (1 to 5g per tonne of ore). This dosage may vary depending on the nature of the ore and/or the surface to be treated.

### physical - chemical properties

appearance	liquid
colour	colourless/pale yellow
ionic character	non ionic
bulk density (g/cm <sup>3</sup> )	1.02
solubility in water	soluble
pH @ 50g/l	7
flash point	> 100°C
auto-ignition temperature	> 200°C

“  
• high quality  
• efficient  
• enhancing  
”

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[www.airspectrum.com](http://www.airspectrum.com)



# say no to dust with dst!

Air Spectrum Environmental is the leading supplier of Odour Control and Dust Suppression systems and service; supplying an extensive range of liquid neutralisers to both UK and International markets.

**dst** is our range of dust suppression additives using industry tested biodegradable polymer based components. The dst range offers various treatment methods for a wide range of applications.

## dst dust control additive



## working in 4 ways:

encapsulating • adhering • compacting • protecting

## applications:

arenas • dirt roads • conveyors • earthworks  
embankments • stockpiles • mining

### service agreements

Air Spectrum can offer a range of service level agreements, to ensure equipment efficiency and reducing running costs. Our comprehensive service network gives full UK wide coverage, ensuring market leading response times to meet customer requirements.

### odour consultancy service

With expert knowledge of solutions and control measures, Air Spectrum's consultants will offer unbiased and accurate advice about appropriate abatement and control measures.

Our service also includes Category Odour Scaling, Sampling & Analysis. With expert knowledge of solutions and control measures, Air Spectrum can offer unbiased and accurate advice about appropriate abatement and control measures.

Air Spectrum operates to the highest standards and is accredited by a number of professional bodies. These include ISO 9001 quality standards accreditation as well as international environmental standard ISO 14001 accreditation.

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