

technical data sheet

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Description

DustDoctor G1061 is a blend of high-foaming surfactants, plasticisers and wetting agents.

Applications

DustDoctor G1061 is formulated to create a foam which controls unwanted dust created during the unloading, transfer, processing and storage of friable materials such as aggregate, fly ash and coal.

Product Features

DustDoctor G1061 delivers improved process efficiency due to a significant reduction in site dust levels, improved equipment life due to reduced dust and low level of additional moisture added and better economy due to reduced water consumption. DustDoctor G1061 can be dosed directly into an existing water feed and can also be added to dust suppression bowsers and sprayed directly on to road surfaces.

Method of Use

DustDoctor G1061 should be dosed directly into an existing water feed either via dosing pumps or water powered proportional injectors such as a Dosatron®. The dosed water should then be pressurised to produce a foam that can be applied via spray bars or nozzles onto the material at transfer points immediately prior to crushers or directly into crushers themselves. As the material is crushed dust particles will be created and will penetrate the foam bubbles. This releases the moisture within each bubble which thoroughly wets the dust particle. The extra weight prompts the particle to drop back onto the main body of the material for the remainder of the process.

The dosage rate will vary based on the size of particles and the moisture content of the mineral being processed. A dilution of 0.4 – 0.6 % is typical. For example, a 0.6% dilution equates to 1.5 litres of DustDoctor G1061 dosed in to 250 litres of water and will generate approximately 5,000 litres of foam.

Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for DustDoctor G1061 on request. It contains any safe handling guidelines that may be relevant to this product.

Storage, Shelf Life & Packaging

DustDoctor G1061 has a shelf life of 12 months when stored in original and unopened containers between 5°C and 30°C. It is available in 200kg and 1,000kg packs.

Typical Properties

- Appearance: Amber tan liquid
- Solids: 15 – 18 %

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

(OPM3/D3)

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

Technical Support Contact Details

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