



FCT Water Treatment

TYPE: LIQUID

Dust Suppression Control

ZTAc 4000

General Description

ZTAc Series Foamants produce very small bubble foam necessary to optimally capture dust particles under 10 microns in size.

Advantages

- The ZTAc 4000 Series Foamants work in conjunction with the FCT Dust Suppression system. The system is engineered together to offer the highest capture ratio of small particle dust.
- Water is minimized so that the amount of moisture imparted to the treated product is reduced. This greatly reduces plugging of processing equipment and erosion of wearing surfaces.

Principle Uses

- The FCT and ZTAc Systems can increase hammer life in crushing mills and extend conveyor belt life..
- In many situations such as coal prep, reduced excess moisture represents a significant cost savings and allows operational flexibility.
- The system can replace or significantly reduce the need to run dust collecting equipment such as bag houses. The energy savings can more than offset the cost of foam treatment while eliminating handling problems.

Application

- ZTAc 4000 Series Foamants are specifically formulated to address the needs of the treated plant. This may include added stack out erosion protection, slower dry times for extended carry through in long transfer systems, or a specific characteristic to afford maximum wetting. Use rate are specific to the nature of the material and the amount of fines present .
- Quantities usually fall in the range of 0.004 to 0.030 gal per treated ton. ZTAc Series 4000 Foamants should be used in accordance with the recommendations provided by your Technical Service Representative.

Handling & Storage

- The ingredients in ZTAc Series 2000 are chosen to be environmentally safe and to conform to State and local requirements. The proprietary blend of surfactants, wetting agents, and stabilizers are all organic with no reportable quantities of hazardous ingredients nor toxic chemicals subject to reporting requirements of section 313, Title III, 40 CFR 372. skin.
- As with all chemicals, follow the instructions on the Materials Safety and Data Sheet for the proper procedures for handling and storage.

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