

AquaSmart®

Dust Eliminator *Bioplex 20*®



An environmentally friendly range of products to assist in the elimination of dust hazards.

A highly reactive surfactant additive for improving the efficiency of atomised misting, fogging and drenching solutions used to control fugitive dusts:

- Drilling, blasting, sweeping and other underground hazardous dust production activities.
- Rock crushing, screening, grinding, milling and pulverising of ore during processing
- Ore transport and handling via hoppers, conveyors, trucks and skips.
- Reductions in water use compared to standard sprinklers of >80%



Another WaterWise® product from Aqua-Sciences

AquaSmart®

Dust Eliminator *Bioplex 20*

Cuts
watering by
**UP TO
80%**

An eco friendly surfactant additive to water for the improved control of hydrophilic and other water receptive fugitive dust

Normally utilising water, misters, foggers and drenchers are used during day to day mining and ore production operations to suppress the emission of dust, wherever possible. They are also an ideal method to control any fugitive airborne dust, eliminating the dreadful impacts of this rogue dust on human health and safety, and immediately reducing the detrimental effects of fine dust particles on the environment.

AquaSmart Dust Eliminator- Bioplex 20 is a unique surfactant formulation of natural glycols and glucosides. Surfactants are a simple and cost-effective additive to water control measures that reduces water surface tensions, thereby improving the wetting capability of water droplets and increasing fugitive dust capture efficiency. Micro-dosing of BioPlex -20 at rates as low as 1:10000 into the water supply side of your dust control mechanics can be expected to increase the efficiency of water usage by upwards of 80%.

AquaSmart Dust Eliminator – Bioplex 20 is completely non-toxic, non-corrosive and environmentally friendly, resulting in safe and suitable application to all industrial, agricultural and normal workplace areas.

- Environmentally friendly, non-toxic and non-corrosive
- Highly recommended for control of all non- hydrophobic dusts
- Fully water soluble, and can be applied with your existing / standard spray equipment
- Will have no adverse effect on adjacent vegetation or water bodies.

COMPOSITION

AquaSmart Dust Eliminator – Bioplex 20 is a proprietary and environmentally friendly complex of non ionic surfactants and inert ingredients.

APPLICATION RATES

Standard Micro-dose into the low pressure input side of drenchers, misters and foggers at rates from 1:5000 to 1:10000 depending on dust control requirements, mechanical control equipment, type and quantity of fugitive dust and current environmental conditions.

Please consult with your local representative for any proposed or required variations from standard usage rates.

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