



Environmentally Friendly Dust Control

For construction, transportation, mining and renewable energy development



DustRX Hydro™ is specifically formulated for application using both watering trucks and hydroseeding equipment providing you a way to extend your season and offer more services.

This USDA certified biobased product offers an environmentally friendly solution to fugitive dust control. Profile Products' soil health experts took an agronomic approach to create a dust-suppression formula that doesn't degrade soils, impede vegetation or introduce synthetic polymers to the environment. Furthermore, the formula was designed so that the use of Dust RX Hydro minimises the challenges in the loading, mixing and application process.

DustRX Hydro™ offers a dust suppression solution for mining sites, civil construction sites, unpaved light-traffic roads, infrastructure yards and recreational venues. Free of solvents and chlorides, DustRX Hydro is non-corrosive on hydroseeding equipment and water trucks.

Benefits

- Maintains soil and vegetation health
- Environmentally friendly, 100% biodegradable and non-toxic
- Water Truck or Hydroseeder-applied formulation
- Water soluble
- Optimal bonding and elasticity when applied to fine materials
- Effective at high dilution rates

Proven systems that reclaim and restore environments.





DustRX Hydro™ represents a groundbreaking, environmentally friendly dust control solution that is entirely biodegradable and engineered for utilisation in conventional water trucks and hydroseeders. The fine particles are coated with a proprietary agent that briefly delays the hydration process upon introduction into the water tank. This unique feature ensures that the product disperses uniformly in water before becoming a soluble, yielding a seamless, clump-free mixture ideal for a variety of dust control applications.

Agronomic Solution

Setting out to develop a temporary solution to fugitive dust, Profile Products created an agronomically and environmentally responsible formulation. Unlike salt-based or synthetic polymer alternatives, DustRX Hydro does not degrade soil, adversely affect surrounding vegetation, or introduce synthetic polymers to the jobsite.

Dust Suppression Performance

With greater functional longevity than traditional watering practices, the benefit of such a product is reduced water usage and fuel consumption on the jobsite. Further benefits to Dust Suppression performance is cost savings on construction sites, maintenance roads, mining and energy development sites. DustRX Hydro is also a great solution for recreational venues, fair sites and equine arenas.

Ease of Application

DustRX Hydro™ is specifically formulated for use in water trucks and hydroseeders. Spray from the hydroseeder tower or hose without fear of clumping, fish-eyes or corrosive wear on equipment. Formulated with a temporary dye to gain visibility of your coverage when applying.

These factors assist the applicator and ensure uniform coverage and avoid over-application inefficiencies. See where the products is applied – then watch the colour fade away and become a clear dust control solution as it dries.

Fugitive dust on jobsites can increase maintenance costs, decrease productivity and adversely affect the health of workers and the surrounding community. By controlling dust, contractors, mine, and transport operators can better meet environmental, regulatory and community requirements and reduce profit loss on projects.

PHYSICAL CHARACTERISTICS	
Toxicity	Non-toxic
Application Color	Green on application; fades to clear
Solubility	Water soluble
Compliance	PM2.5 and PM10 compliant

PACKAGING AND SHIPPING DATA	
Bag Weight	22.7 kg Bags; 40 bags per pallet

PHYSICAL DESCRIPTION	
Moisture	6 – 11%
pH	7.5% +/- 1%

APPLICATION RATE	
112 kg/ha	Dependent on soil composition and site condition

MIXING RATE	
Hydroseeder Application	22.7 kg/ 3,790 litres of water
Water Truck Application	22.7 kg/ 3,790 litres of water

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