DustTAG

Dust Suppressant

Enhanced Bio-Based Dust Suppression.

BENEFITS

- *Economical*
- *Low Usage Rates*
- *Proven Performance*
- *Biodegradable*

APPLICATIONS

Unpaved roads
Alleys
Construction Sites
Mines
Parks
Parking Lots
Campgrounds
Race Tracks
Driveways

DustTAG is a custom blend of bio-based vegetable oils and stabilizers designed for low application rates and lasting results. After application, DustTAG penetrates and works with the dust to bond to the substrate. DustTAG is an alternative to traditional dust control products including polyvinyl acetate (PVA), which is known to contain formaldehyde, and polyacrylamides, which are costly. DustTAG provides an excellent economical solution where a paved road is desired, however not within the budget. Other traditional dust suppressants such as calcium and magnesium chloride are water soluble; when it rains, they dissolve and run-off can migrate and contaminate surrounding soil and water. When DustTAG is applied, it penetrates below the road's surface and agglomerates the bed material and the surface, forming a protective shield. DustTAG eliminates the need for constant road attention, further reducing your labor and equipment expenses, and will continue to build upon itself with each succeeding application.

TAG
The Amber Group

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Application Rates & Techniques

DustTAG
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Environmental considerations are of the utmost importance for dust control applications. With air quality in mind, all of our products are engineered to provide their high levels of performance without the use of volatile hydrocarbon solvents. For those products that require non-aqueous liquids, we have designed those formulations to employ agriculturally produced, eco-friendly oils.

APPLICATION

As with all dust suppressants, application rates and methods depend upon the site, environment, soil type, and more. Please contact your TAG representative for site specific recommendations. Each site is unique, and as such, the following application rates are based on averages in the field.

Surface Type	Particle Grade	Gallons / Square Foot	Gallons / Acre	Dilution Rate
Typical loose dirt road	*Sand*	*0.0050 gal / sq. ft.*	*220 gal / acre*	*10:1*
Compacted dirt road	*Silt*	*0.0057 gal / sq. ft.*	*250 gal / acre*	*10:1*
Alkaline or clay surfaced road	*Clay*	*0.0064 gal / sq. ft.*	*280 gal / acre*	*10:1*

SURFACE PREPARATION

When possible, roadways should be graded. This will allow for maximum penetration of DustTAG, allowing DustTAG to agglomerate the dirt particles, allowing for deeper penetration and protection. For silt and clay roads, compaction of the road after application of DustTAG will ensure a lasting result. For average conditions, a single application will last an entire season. DustTAG remains wet during application and continues to cure as it controls the dust.

SAND SIEVE ANALYSIS

Sand Sieve Analysis is a practice or procedure used to assess the particle size distribution of granular material. The size distribution is critical in determining the type of dust suppressant needed and application rates to be used. The practice of Sieving is quick and accurate, measuring the maximum diameter of a sediment grain. There are four aspects of this proven test, including sizing, sorting, kurtosis, and skewness. After the analysis, we can determine the percent sand, silt and clay in your soil, and textural class, thereby recommended an accurate application rate and method for your needs.

Particle Grade	Size (mm)	Surface Preparation
very coarse sand	1-2	Smooth and level surface prior to application.
medium sand	0.25-0.50	
fine sand	0.125-0.25	Loosen top inch of soil prior to application for better coverage/penetration.
silt	0.0039-0.0625	
clay	less than 0.0039	

For a free Sieve Analysis, please send a sample of your soil to:
The Amber Group, 40 Red Rock, Suite 200, Irvine, California 92604,
or contact us at (866) 762-4060.

ABOUT US

The Amber Group, LLC provides a complete line of erosion control, dust control, canal irrigation protection, hydroseeding and stormwater treatment products. We pride ourselves on the development of environmentally-friendly "green" products. Our erosion control products have been tested to show 98% erosion reduction with extremely low usage rates. We offer hydroseeding products including all-natural food additives and a tackifier, all designed with high resistance to rainfall and decomposition while assisting in seed germination. Our dust control products include applications to treat roadside construction, dusty roads, horse arenas and pads. We have recently developed stormwater treatment products combining excellent separation process enhancement with a new chemistry that is extremely safe to use for people and the environment.

For more information about DustTAG and our other products, please contact visit us at www.tagchemical.com.

IECA
Emerald Member