



TECHNICAL DATA SHEET

DUST-TROL

TECHNOLOGY DESCRIPTION: Dust Suppression & Erosion Control Agent

Dust-Trol is an ecological friendly alternative to conventional brine-based and similar dust control agents. The product is a new-age, high molecular weight, bio-compatible polymer and wetting agent. In addition to increasing soil particle adhesion, it helps retain soil moisture. The product is sold as a concentrate and diluted 1:1 up to 4:1 then applied according to the dosage chart provided below.

FEATURES

<ul style="list-style-type: none">• Bio-degradable, unlike blanketing products.	<ul style="list-style-type: none">• Does not require pre-wetting, though performance will benefit from pre-wetting.
<ul style="list-style-type: none">• Invisible after the curing process	<ul style="list-style-type: none">• Does not generate fumes
<ul style="list-style-type: none">• Non-toxic and skin contact is non-hazardous	<ul style="list-style-type: none">• Equipment can be washed/cleaned with hot or cold water - no thinners required.
<ul style="list-style-type: none">• Supplied as a concentrated solution	<ul style="list-style-type: none">• Drying times range from 1 – 4 hours
<ul style="list-style-type: none">• Lifetime depends on many factors, but it can last up to four months	<ul style="list-style-type: none">• Application rates range from 200 to 1500 gallons/acre depending on conditions.
<ul style="list-style-type: none">• Can be applied any time during the day	<ul style="list-style-type: none">• Can be re-activated with water.
<ul style="list-style-type: none">• Repair “cracks” in treated area with water only	<ul style="list-style-type: none">• Captures migrated dust particulate after initial treatment.

APPLICATIONS

After curing, Dust-Trol acts like a net – capturing the unbound or un-compacted soil overlaying the soft to firm sub-grade. While its special tackifying agent allows small airborne particulates to be captured after application, its ionic formulation increases the adhesion to sand particulates. Additionally, the Dust-Trol solution does not exhibit rutting phenomena. Treatment creates a surface strong enough to support occasional light-vehicle traffic and is ideal for flat or moderately sloped terrain. If traffic conditions change and passes or crossings along the treated area increases, the treatment must be repeated at a higher rate.

The application of the Dust-Trol solution may be accomplished with any type of liquid distribution system such as a water truck or trailer with hand hose. The spray apparatus should be positioned directly above the area to be treated to preclude driftage.

ADDITIONAL INFORMATION

If you need additional information, please contact our offices.

APPLICATION RATES: Dust Suppression & Erosion Control

USE RATES	Gallon per Acre		Sq. Foot per Gallon		Sq. Yard per Gallon	
	Low Rate	High Rate	Low Rate	High Rate	Low Rate	High Rate
Aircraft Runways	1,000	1,200	44	36	5	4
Helicopter Landing Pads	1,000	1,200	44	36	5	4
Gravel Roads	750	1,500	58	29	6	3
Heavy Haul Roads	750	1,500	58	29	6	3
Mining Roads	750	1,500	58	29	6	3
Military Convoy & Supply Roads	750	1,500	58	29	6	3
Landfill Capping & Reclamation	250	400	174	109	19	12
Material Stock Pile Dust Capping	250	600	174	73	19	8
Rail Car Capping	250	400	174	109	19	12
Mine Tailings	250	400	174	109	19	12
Road Shoulders	250	400	174	109	19	12
Residential Driveways	500	1,000	87	44	10	5
Erosion Control	150	300	290	145	32	16
Hydroseed & Hydromulch Tackifier	50	100	871	436	97	48
Dust Control – No Traffic – 30 days	75	100	581	436	65	48
Dust Control – No Traffic – 60 days	100	200	436	218	48	24
Dust Control – No Traffic – 6 months	200	400	218	109	24	12
Golf Course Cart Paths	150	300	290	145	32	16
Walking Trails	250	400	174	109	19	12

Square Feet in One (1) Acre: 43,560
 Square Yard in One (1) Acre: 4,840