



DustKut™

DUST SUPPRESSION MADE EASY

DustKut™: Technical Data Sheet

Product Properties

DustKut™ is a proprietary liquid dust suppressant for unpaved roads, parking lots and construction sites. In combination with water, DustKut™ binds to the soil particles to a depth of 0.5 inch or potentially more depending upon soil type. It agglomerates soil particles to form larger size and weight particles; mitigating opportunity for fugitive dust particles to become airborne. DustKut™ does not undergo any polymerization and will not leave any residue that will run off or form a hard crust on the surface of the soil that will delaminate.



DustKut™



After blending DustKut™ with water

The chemistry of DustKut™ was specifically engineered to have a viscosity that is low enough to be easily pumped & sprayed, become absorbed & encapsulated within dust nucleus, have low odor and to easily blend with water. The hydroxyl groups present in the mixture along with water molecules helps to bind to soil and to agglomerate it while being biodegradable.

Safe to use

- Is not comprised of any chemistry deemed unsafe or hazardous
- Will not promote sticking of treated substrate to vehicle tires
- Will not wash out to adjacent areas
- Non-corrosive and contains no chlorides

Benefits

- ✓ Long term airborne dust reduction
- ✓ Easy to apply
- ✓ Easy to mix
- ✓ Prevents substrate degradation
- ✓ Eliminates continuous watering
- ✓ Reduce equipment air cleaner replacement
- ✓ Prevents transfer of dust and mud to adjacent pavements
- ✓ Cost effective solution to dust control
- ✓ Reduces freshwater consumption
- ✓ Freshwater conservation
- ✓ Cleaner air

Application

DustKut™ is dispersed in water at a concentration of 20-40% and can be sprayed using a uniquely engineered spray system or by easily modifying a typical water truck to dispense the product. The application rate will depend upon the type of soil or substrate to be treated. One gallon of the product obtained after dispersion in water treats approximately 30 to 90 sq feet.



DustKut™ being sprayed on the roads using the proprietary spraying system

Physical Properties

Appearance	Light yellow to dark amber
Appearance in Water	White to light amber
Physical Form	Viscous liquid, mild odor
Specific Gravity	1.04 - 1.13 @ 25°
Flash Point	380° F/ 193° C

Treatment Durability

Reduced dusty conditions can be expected from one treatment to last from 2-3 weeks or longer with suggested application depending upon rate/type traffic, transfer of dust or debris from adjacent untreated areas. Allow 5 minutes or longer after treatment before opening to heavy traffic. Product will not deteriorate after rain. Re-treatment is recommended periodically if or when dust on treated area is observed.

Handling & Storage

Wash tools and equipment with soap and clean water after use. Keep in tightly closed container when not in use. Store in well ventilated area preventing long term exposure to below freezing temperature.



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