

# Clean, Cost-effective Dust Control

DustHold 301 is a highly effective liquid concentrate formulated to suppress dust over 30, 60, and even 90 days of wear. It binds dust particles, making them heavier, and keeps them on the ground while promoting natural soil compaction. The result is a cleaner, healthier, and safer environment.

## Properties

DustHold 301 has been specifically designed to treat soil, gravel, and sand for dust control. It is an environmentally safe, water-dispersible polymer that binds soil or silicate particles together and gives them a slightly hardened surface area. This action weights the dust particulates and keeps them from being stirred up by wind or traffic. DustHold 301 helps preserve soil from erosion and helps keep gravel roads intact. DustHold 301 is a cost-effective treatment that holds up well in areas where heavy rains are not a major concern. It penetrates into treated surfaces, and, upon drying, forms a clear coating that retains a natural look.

## Uses may include:

- Parking lots
- Residential & commercial driveways
- Unpaved and gravel roads, road shoulders, foot paths
- Construction sites and hardstands
- Livestock feeding areas
- Landing strips/zones & parking aprons
- Recreational areas, baseball fields, horse arenas

## Application

DustHold 301 requires no special equipment for application and minimal clean-up. A thorough rinsing with water is sufficient to clean most equipment. Water trucks or water trailers equipped with a circulation pump and spray bar are efficient for treating large areas. Smaller areas can be treated with low pressure sprayers and even garden variety watering cans.



Mix with water.  
Easy to apply

DustHold 301 is diluted in water and applied topically by spray at a rate of 1.5 to 2 quarts per square yard. The concentrate mixes eas-



Unpaved and gravel roads



Mining and extraction industry sites.

ily at a rate of 60 parts water to 1 part DustHold 301 (60:1). Agitate the diluted mixture for 15 minutes with a fluid circulation pump. Smaller applications can be

stirred vigorously by hand or with an electric paint stirrer. The mixture should not foam excessively, allowing for immediate application.

Note: Soils, graveled areas, and sand are all of different composition, and different surface areas will require varying amounts of the diluted DustHold 301 solution. For example, a hard packed gravel road will require less product than a more loosely compacted sandy soil.

DustHold 301 is applied topically, often in two (2) passes to a surface. The surface area should be dry during application. The first application should saturate the treated area with the product. Wait at least 3 hours or until dry (whichever is greater) before re-applying the product. The second application should require about half the amount of mixture that was required on the first pass. **The surface area should be dry when being applied.** Allow the product to sit for another three hours or until completely dry.



Extremely dusty or heavily trafficked areas may require two separate applications to achieve the level of control desired.

### Packaging

#### 2.5 Gallon high density

Polyethylene (HDPE) containers with integrated handles (recyclable). Weight is 22 lbs. Containers are manufactured for easy stacking. Covers 333 sq. yards (3,000 sq. ft.) at an application rate of 2 quarts per square yard.

1 Quart high density polyethylene (HDPE) bottle containers (recyclable). Weight is 2.5 lbs. Containers are shipped boxed for easy stacking. Covers 33 sq. yards (300 sq. ft.) at an application rate of 2 quarts per square yard.

### Consumption

DustHold 301 is a water soluble **concentrate** that allows for reduced transportation costs. This cost advantage can be significant when compared to bulk salts or vegetable oil extracts. Its formulation allows it to be mixed with non-potable, "gray", water.

### Storage

DustHold 301 should be stored in an area that protects it from direct sunlight. Temperature should be between 32°F (0°C) and 95°F (35°C). Shelf life is 24 months.

If the stored product is subjected to freezing, allow it to thaw completely before use. In this case, the properties required for the intended use must be tested for quality assurance reasons.

If Dust Hold301 is used in applications other than those mentioned, the choice, processing and use of DustHold 301 is the sole responsibility of the purchaser. All regulations must be complied with.

### Safety Notes

Comprehensive safety information is given in the corresponding Material Safety Data Sheets. They are available on request from L&Q International and via the L&Q Web site at [www.L-Q-International.com](http://www.L-Q-International.com).

### Ordering Information

Orders are shipped prepaid via ground delivery or LTL. Allow two weeks for delivery. Orders can be placed by calling (703) 299-9575. All major credit cards accepted.



1 Quart, (1 liter)  
Covers 300 sq. ft.  
Item DH301-1Q



2.5 gallons (9.45 liters)  
Covers 3,000 sq. ft.  
Item DH301-2.5



Properties	DustHold 301
Appearance	Clear to amber
Solid content	40%
Viscosity	Dynamic: 1,000-3,000 cP
Specific Gravity	1.08 g / cm <sup>3</sup>
pH	5.0 – 7.0
Solubility	Soluble in hot or cold water
Flash Point	Does not flash
Freezing Point	-3° C (26° F)

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and solutions that address critical infrastructure needs.



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