

B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-DUST STABILISE

(Polymer-based soil surface stabiliser for dust control)

DESCRIPTION

HI-DUST STABILISE is a liquid polymer-based surface treatment developed for areas where airborne dust from loose soil and fines is a persistent problem. When applied uniformly to a prepared surface, it penetrates the upper soil layer and binds fine particles into a cohesive matrix. This stabilises the surface, reduces dust generated by wind and vehicle movement and helps maintain a cleaner, firmer working or travelling area. It is suitable for project sites, village roads, haul roads, open yards and other unpaved surfaces where repeated water spraying is undesirable.

BENEFITS OF USE

- Stabilises loose surface soil and fines
- Substantially reduces airborne dust
- Helps form a firmer, cohesive surface
- Reduces soil loss from wind and traffic
- Suitable for in-situ soils and unpaved areas
- Easy application with spraying equipment
- Reduces dependence on frequent water spraying
- Helps improve traction and surface usability
- Reduces water penetration into the surface
- Suitable for light to heavy dust conditions
- Application rate can be adjusted by site trials

TECHNICAL DATA:

Form	:	Liquid
Specific Gravity	:	1.05 - 1.15
Solubility in water	:	Dilutable
pH Value	:	Above 6

PACKAGING

30 kg cans, 225 kg drums

SHELF LIFE / STORAGE

Shelf life: 12 months

Storage: Store in sealed containers, away from direct sunlight and excessive heat.

APPLICATION / DOSAGE

Prepare the surface by removing loose debris and grading where required. Apply HI-DUST STABILISE uniformly using a water tanker, spray bar or suitable spraying equipment. Indicative application is approximately 1 litre per square metre. Determine the optimum rate by site trials based on soil type, traffic, weather exposure and required dust-control duration. Allow the treated surface to dry and stabilise before opening it to regular traffic.

TYPICAL APPLICATIONS

- Project and construction sites
- Village and rural unpaved roads
- Internal access and haul roads
- Mine and quarry roads
- Open yards and parking areas
- Stockyards and exposed soil surfaces
- Industrial and logistics sites