

CYPHER Environmental Dust Control Technology



Dust Stop is a dust control product that effectively eliminates unwanted fugitive dust from unpaved roads constructed with any soil type.



CYPHER Environmental Dust Control Technology



Before Dust Stop...



After Dust Stop...

Dust Stop Liquid Concentrate

- 100% Environmentally Safe

Benefits

- Environmentally friendly
- Applicable to *any* soil type
- Easy to apply
- Stabilizes soil
- Non-soluble after drying

CYPHER Environmental Dust Control Technology



Before Dust Stop...



After Dust Stop...

Dust Stop will not run off in the rain and is effective in long periods of dry weather.

Treated roads can be maintained and still produce dust control.

CYPHER Environmental Dust Control Technology



Dust Stop treated soils result in:

- Reduced sediment production
- Faster drying times

CYPHER Environmental Dust Control Technology



Dust Stop can also be used on aggregate piles susceptible to wind and water erosion.

CYPHER Environmental Dust Control Technology



It can also be used on holding pond walls as well as many other uses.



Check with your local distributor for other possible applications.

CYPHER Environmental Dust Control Technology



Dust Stop is very resistant to breakdown by mechanical wear, enzymes and UV rays.

CYPHER Environmental Dust Control Technology



The product has the ability to stand up to heavy haul truck traffic.

CYPHER Environmental Dust Control Technology



Dust Stop Liquid Concentrate is available in liquid form, allowing for easy mixing and speedy application.

CYPHER Environmental Dust Control Technology



Dust Stop Liquid Concentrate is mixed with water and is applied topically to the road or soil.

Once the product dries on the road it will eliminate the dust via a dust free barrier and provide soil stabilization properties.

CYPHER Environmental Dust Control Technology



Dust Stop Liquid Concentrate is non-corrosive and will not harm the trucks used to apply it or any vehicles using the Dust Stop treated roads.

CYPHER Environmental Dust Control Technology



Dust Stop is currently utilized on haul roads, logging roads, secondary roads, loading areas and on any soil that requires dust or erosion control or temporary soil stabilization.

CYPHER Environmental Dust Control Technology



Application: Step 1

The road should be well graded and/or compacted prior to the application of Dust Stop Liquid Concentrate.

CYPHER Environmental Dust Control Technology



Application: Step 2

Measure the area intended for treatment to calculate the amount of Dust Stop that is required for the application.





Application: Step 3

The application and dilution rate necessary will vary depending on site conditions.

Consult your local Cypher representative for recommended application rates.



CYPHER Environmental Dust Control Technology



Dilution and Application Rates

Road Type	Rate
Mine haul roads	2.50 liters / m ² – 1 liter of DS to 4 liters of water
Secondary roads- Heavy traffic	2.50 liters / m ² – 1 liter of DS to 5 liters of water
Secondary roads- Light traffic	2.25 liters / m ² – 1 liter of DS to 6 liters of water
Tailings piles / Stockpiles	2.00 liters / m ² – 1 liter of DS to 7 liters of water



* The above application rates are recommendations only. Required application rates can vary given site conditions and soil types. Consult your local Cypher Environmental Ltd. representative if further information is required.



CYPHER Environmental Dust Control Technology



Application: Step 4

Add the required amount of water to the water truck. Then attach a pump to the 2" couple on the shipping tote and pump the necessary quantity of product into the water truck.

CYPHER Environmental Dust Control Technology



Application: Step 5

Spray the entire Dust Stop Liquid Concentrate/water mixture on the pre-measured area.

CYPHER Environmental Dust Control Technology



Final Step

Application: Step 6

Allow the road to dry
before traffic is allowed
back on the road.



Benefits of Dust Stop

- Environmentally friendly
- Applicable to *any* soil type
- Easy to apply using common equipment
- Stabilizes soil
- Dries clear and non-soluble
- Does not runoff in the rain
- Is not slippery when wet
- Flexible
- Reduced drying time post treatment
- Non-corrosive
- Non-toxic
- Will not precipitate out of solution
- High penetration rate
- Long lasting
- UV Resistant

CYPHER Environmental **Dust Control Technology**



Swati Safesecure Equipments Pvt. Ltd.
B-4, Krushal Commercial Complex,
G.M.Road, Chembur West, Mumbai - 400089
Tel: 022 – 6666 3333
Mob: 09693576968 / 09664936171
email: praveen@swatisafesecure.com /
monil@swatisafesecure.com