

CAPSOIL CLEAR

SOIL STABILIZER TO PREVENT SOIL EROSION

DESCRIPTION

CAPSOIL CLEAR is a unique modified polymer based formulation, specially developed to prevent soil erosion, movement of sand dunes, dust control and as a tackifier for hydroseeding.

FEATURES

The effectiveness of **CAPSOIL CLEAR** is attributed to the chain length and strength of polymer molecules and its ability to penetrate the substrate and fix sand particles, forming a tough water resistant and resilient continuous film that resists soil erosion by wind attack.

USES

- To immobilize sand dunes.
- Protecting embankments, highway, pipeline etc.
- Tackifier for hydromulching.
- Dust control on military areas, construction sites etc.
- Highway intersection.

ADVANTAGES

- Free of toxic solvents.
- Does not contaminate ground water.
- Maximum weatherability to rain, ultraviolet light and wind.
- Harmless to both plants and animals.
- Ideally suited for hydroseeding.
- Fast drying; does not leach or wash away.
- Extremely durable.
- Economical.

TYPICAL PROPERTIES

Appearance:

White liquid

Specific gravity:

Approx. 1.0

Solubility in water:

Infinitely miscible.

Toxicity:

Non toxic.

Shelf life:

Minimum 12 months in sealed original containers, under recommended storage conditions.

DIRECTIONS FOR USE

Level and grade land as per the requirement. Remove debris such as cans, bottles, plastic sheets etc. as these will obstruct spray application. Compaction of soil will improve its ability to bear pedestrian movement, but this step is not essential to soil stabilization and dust control. As far as possible, all construction within the area designed for stabilization should be complete in order to avoid subsequent vehicular traffic disturbing stabilized ground.

Erosion control / soil stabilization equipment:

For proper application it is advisable to use hydro mulching or pressure spray equipment from an established equipment manufacturer. The equipment shall have a built-in agitation system and operating capacity sufficient to agitate, suspend and homogeneously mix at one time with long spray bar and suitable spray nozzles.

APPLICATION

The following are the major factors usually considered when determining the proper application rate for a project:

- Degree of slope.
- Type of soil.
- Degree of compaction of soil surface.
- The types of erosion causing force acting on the area to be treated and their severity.

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Guide line for application of CAPSOIL CLEAR

	CAPSOIL CLEAR	Water	Coverage rate; m ² /ltr.
Soil stabilization and dust control	1 part	3 parts	5-10
Wind and water erosion, control on slopes and embankments	1 part	2 parts	5-10
Landscaping including slopes and embankments.	1 part	3 parts	5-10

PACKAGING

CAPSOIL CLEAR is supplied in 20 liter cans, 200 liter drums, I.B.C or in bulk by special arrangement.

STORAGE

- Store in sealed conventional containers, protected from extreme weather conditions.
- Stir well before use, if stored for a long time.

CLEANING OF TOOLS

Circulate water through the system until clear water comes out through the nozzle

SAFETY PRECAUTIONS

- CAPSOIL CLEAR is non-flammable and non-hazardous in normal use.
- When the product is wet, it should be removed from skin by soap and water. But when dry, suitable cleansers like petrol, diesel oil etc. should be used.
- Splashes to eyes should be washed immediately with abundant water.

TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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