

MonniSoil

Soil Stabilizer and Dust Suppressant

Product Description

MonniSoil is an aqueous co-polymer emulsion resistant to saponification. It has excellent characteristic in stabilizing the soil surface once diluted with water. It penetrates into the soil to bind the particle into a more compacted unit, difficult to erode or destabilize.

Uses

- ▶ Stabilize sand dune in desert.
- ▶ Stabilizing dunes and slopes for roads and highways
- ▶ Erosion control for roads and highway Soil consolidation before excavation
- ▶ Landscaping, with the addition of suitable pigments and organic mulch

Advantages

- ▶ Eco-friendly
- ▶ Non-toxic
- ▶ Does not contaminate ground water
- ▶ Harmless to both plants and animals
- ▶ Contains soil wetting agents
- ▶ Fully compatible with organic mulch
- ▶ Excellent resistance to erosion
- ▶ Penetrates to soil or other particulate materials

Usage Instructions

Pre-application

Land must be levelled and graded prior to application as the compaction of soil will improve its ability to bear pedestrian movement. However, this step not essential to soil stabilization and dust control.

Application

For better dispersion, dilute MonniSoil with water at a ratio of 1:6. Spray on the compacted surface of the soil using suitable spray equipment with the following features:

- ▶ Tank with light stirrer
- ▶ Non-clogging pump
- ▶ Spray hoses and nozzles

MonniSoil should be sprayed at an average rate of 1 m²/liter depending on the surface absorbency.

Subsequent coats shall be applied as per the rate recommended on the table (INGREDIENTS FOR 1,000 sqm per coat).



Technical Data

Category	Typical Values
Appearance	White liquid (clear once dried)
Density	1.03 kg/L at 25 °C
Solid Content	25%
pH	5.5 @ 25 °C
Viscosity	300 mPa.s
Vapor press. Bar	0.025
Freezing point °C	0
Boiling Point °C	100

All values are subject to 5-10% tolerance

Packaging

MonniSoil is supplied in 200 and 1000 liter drums.

Consumption

Should be sealed and stored in covered area, protected from heat. Shelf life is 9 months from manufacturing date if stored properly.

Recommendation

For superior erosion control, 2-3 coats of MonniSoil should be applied to the compacted area.

INGREDIENTS FOR 1,000 sqm. per coat

	MONNISOIL	WATER	MULCH	PIGMENT
Soil stabilizer & dust control	2 barrels	500 Liters	Nil	Nil
Wind & water erosion, control on slopes and embankments	3 barrels	700 Liters	110 kg	Nil
Landscaping including slopes and embankments	3 barrels	700 Liters	110 kg	10-20 kg
Hydro-seeding	2 barrels	600 Liters	Nil	Nil

Legal disclaimer

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