

TERRAGARD STR 750

ROAD DUST SUPPRESSANT

Description **TERRAGARD STR 750** is a concentrated and organic polymer-based product, which can be used wherever dust suppression is required, such as:

- Transportation routes for mining products
- Dirt roads (unpaved)
- Parking lots

TERRAGARD STR 750 is a dispersion containing synthetic polymer resins, wetting agents and additives suspended in water. The wetting agent is designed to accelerate water penetration and improve water retention on the road surface. The most common use for **TERRAGARD STR 750** is as a dust suppression agent. When properly applied this product allows a reduction in the amount of water used for dust suppression. Repeated applications have a cumulative effect, maintaining subsoil moisture content for extended periods, depending on soil type, traffic and weather conditions. **TERRAGARD STR 750** is formulated to lower the surface tension of water, making it possible to penetrate and suppress dust particles effectively.

Benefits of using **TERRAGARD STR 750**:
Water Efficient; Effectively Suppresses Dust Particles; Mixes easily with Water; Non-toxic; Does not corrode equipment.

Chemical Properties

Physical State	Milky White Emulsion
Specific Gravity	0.95 - 1.05
pH	6.0 - 8.0
Solubility	Miscible

Application It is recommended that **TERRAGARD STR 750** is added directly from the bucket into the water tank, the use of a dosing pump can be used if desired. To avoid excessive foaming, **TERRAGARD STR 750** should be added into the water tank once it has been filled, the product will be mixed during truck movement. The dilution concentration is between 0.1-0.3% in water, with a maximum recommended coverage of 1 - 2 liters per square meter per watering carried out.

The product solution should be watered as often as necessary to control dust. It is not necessary to stop traffic for watering; however care should be taken to avoid over-watering the solution at street corners.

Estimated usage of **TERRAGARD STR 750**

- On the first day water 6 times and the interval between waterings is 60 minutes to allow the mixture to fully absorb into the soil. Traffic is still allowed during this period.
- On day 2, it was sprinkled 5 times at the same interval.
- On day 3, sprinkle 4 times at the same intervals
- On day 4, watered 3 times at the same interval
- On the 5th day, sprinkle 2-3 times at the same interval

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Handling and Storage

This product can be stored in HDPE (high-density polyethylene) packaging. Packaging should always be closed when not in use to prevent contact with air. **TERRAGARD STR 750** concentrate will resemble a "skin" shape when exposed to hot, dry air.

TERRAGARD STR 750 does not present a significant health or safety hazard when used properly in the recommended application. Refer to the label and Material Safety Data Sheet for complete handling information before using or storing this product.

Packaging

In 25 liter, 200 liter or 1000 liter HDPE plastic containers.



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