

# TERRAGARD STR 754

## ROAD DUST SUPPRESSANT

**Description** **TERRAGARD STR 754** is a mixture of polymer that specially formulated to handle dust problem especially on hauling roads in the mining industry. This product was developed to minimize the risk of work accidents and the impact of health problems that can arise due to road dust

**TERRAGARD STR 754** 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 754** 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

Benefits of using **TERRAGARD STR 754**:

Easy to use, non corrosive and safe for all equipment, help to reduce slippery roads when it rains, provide cumulative effects with repeated use

### Chemical Properties

Physical form	Milky White Emulsion
Specific Gravity	0.97 - 1.07
pH	6.0 - 8.0
Solubilty	Miscible

**Application** 1-5 liter of product can be diluted with 1000 liters of fresh water, 1 liter of solution can be used for 1-3 m<sup>2</sup>. For the initial **TERRAGARD STR 754** treatment, spraying is recommended 3-5 times a day. For further treatment, spraying is done 1-3 times a day using water tank truck.

It is recommended that **TERRAGARD STR 754** is added directly from the bucket into the water tank, the use of a dosing pump can be used if desired.

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.

### 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 754** concentrate will resemble a "skin" shape when exposed to hot, dry air. **TERRAGARD STR 754** 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 kg, 200 kg or 1000 kg IBC Tank.

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