



# custom enzymes

## **CUSTOM E – TERRAIN**

### **An Enzyme based Formulation for Soil Enhancement**

CUSTOM E - TERRAIN is a unique multi-Enzymes product specifically developed as an effective aid to the workability, mix-ability, binding, and compaction of soil. It significantly improves stability in construction of roads, dams, and many other related projects.

CUSTOM E - TERRAIN is a completely natural and biodegradable product. By its actions, it alters and improves soil's physical and chemical properties which result in significantly less mechanical effort to achieve greater densities for compaction. Unlike chemical methods, scientifically advanced polymers are environment friendly as well as cost effective, non-toxic, non-corrosive here liquid enzyme product such as CUSTOM E - TERRAIN can be used. When added to soil, the enzymes increase the wetting and bonding capacity of the soil particles, allow soil materials to become more easily wet and more densely compacted. Also, it improves the chemical bonding that helps to fuse the soil particles together, creating a more permanent structure that is more resistant to weathering and water penetration.

The benefits of CUSTOM E – TERRAIN:

- Reduced construction costs
- Minimal road maintenance costs
- Excellent environmental safety, especially for the Forest Reserve Area
- Strengthens base layers for construction or restoration of rural or forest highways
- Decreases the loss of aggregate and fine material and lowers dust formation

PRODUCT SPECIFICATIONS:

- Form: Brown colored liquid
- Miscibility: Miscible in water
- Working pH range: 4.5 - 7.5
- Working temperature range: 20 - 45C

DOSAGE:

1 Kg of CUSTOM E - TERRAIN will treat 30 cubic meters of soil, to be optimized based on requirements.

**Packaging:**

CUSTOM E TERRAIN is available in 25 Kg and 50 Kg HDPE Drums. The packing can also be customized as per the requirements.

**Storage:**

Store CUSTOM E - TERRAIN in a cool, dry, and shaded place, away from direct sunlight. Enzyme aerosols may cause irritation when inhaled. Unnecessary contact with the product should be avoided. The shelf life of CUSTOM E - TERRAIN under recommended storage conditions is for the period of 1 year.

**Handling:**

Liquid Enzyme preparations are dust free. However, inappropriate handling may cause the formation of aerosols or dust. Avoid formation of aerosols and dust from dried out or spilled enzyme.

Avoid splashing and high-pressure washing. Aerosols and dust may cause irritation when inhaled. Unnecessary contact with the product and inhalation of dust should be avoided. In case of spillage or contact with the skin or eyes, rinse affected area promptly with plenty of water.