

(100% replacement of inorganic nutrient like Urea and DAP in ETP/CPU for Biological treatment)

Description:

NutriE-WT is specially formulated blend of bio nutrients, micro and macro nutrients, proteolytic and multiple microorganism produced by controlled fermentation of selected strains of *Aspergillus* spp. and *Bacillus* spp., *Trichoderma* spp. & *Actinomycetes* . which produce assimilable nitrogen.

Bacteria plays a very important role in water Treatment process . NutriE-WT is rich source of biologically available nitrogen in form of protein enzyme, essential amino acid, minerals and vitamin to keep bacteria healthy and maintain MLSS.

Nitrogenous compounds are the most important nutrient substances required by ETP Micro-Organisms. Ammonia, which exists as ammonium (NH_4^+) ions in various salts, Urea, and amino acids are the predominant nitrogen containing compounds that are utilized by micro-organisms. It must multiply many times over to reach critical mass.

Additional nutrients like phosphorous, potassium zinc. Manganese, Sulphur, is also an important for optimal micro-organisms growth.

Product characteristic:

Active ingredient : Multiple microorganism and Bio-nutrients

Appearance : Pale yellow colored liquid

Odor : Fermented odor.

Operating Parameter

Temperature : 22°C- 40°C

pH : 3.5 -5.0

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Application and benefit

- Boosts in Micro-Organisms cell growth and multiplication.
- Provides all vital nutrients – no need to add any nitrogen source
- Hydrolyses protein and peptides into precious assailable nitrogen.
- Higher productivity and low by-product formation.
- 100% Organic & water-soluble base

Dosage:

Recommended Dosage: 8 - 12 PPM of fermentation on Effluent discharge Of 1000 bod load. We recommend customers to carry out adequate trials before arriving at final dosages.

Packing:

NutriE-WT is typically available in 20 kg and 30 kg HDPE drum.

Storage:

NutriE-WT should be stored in a cool, dry place. Storage in unopened containers, at or below 20°C, helps to maintain maximum activity if stored over long periods.

Safety & Handling Precautions:

Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some component may irritate the skin, eyes, and mucous membranes upon prolonged contact. Avoid unnecessary contact with the product and inhalation of any aerosols or dust particles. In case of spillage or contact with the eyes or skin, rinse the affected area promptly with plenty of water.

All spills, however minor, should be removed immediately. Use respiratory protection. Major spills should be carefully shoveled into plastic-lined containers. Minor spills and remains of major spills should be removed by vacuum cleaning or flushing with water (avoid splashing). Wash contaminated clothes. Tribio Scientific provides Material Safety Data Sheets, and advice regarding the safe handling of enzymes.



An ISO 9001:2015, ISO 22000, GMP & HACCP certified Company

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