

TOL-12

PRODUCT DESCRIPTION

TOL-12 is a blend of organic micronutrients that are readily available to enhance microbial growth. The product provides key trace minerals (over 60) as well as other growth factors to include plant-based vitamins, amino acids, sugars and naturally occurring enzymes. In addition, **TOL-12** contains key plant alkaloids and sterols to accelerate cellular enzymatic functions and rapid growth as well as cellular repair functions. **TOL-12** will promote an increase and diversity of biological populations encountered in waste degradation applications to accelerate the reduction in BOD/TOC/COD, Ammonia, and Total and Suspended Solids.

PRODUCT SPECIFICATIONS

Product: Organic materials of predominantly plant origins.
Form: Free-flowing powder.
Color: Dark Green to Brown.
Specific Gravity: 0.75 – 0.79
Storage: Store product in a dry place away from extreme heat and direct sunlight.

DIRECTIONS

TOL-12 may be added directly to aeration basins, digesters, lagoons, oxidation ditches, or any wastewater or bioremediation system. Product can also be added to bioreactors or spray tanks with commercially prepared microbial cultures prior to addition. Please consult your Technical Representative for dosage recommendations.

TYPICAL APPLICATION ENVIRONMENT

pH 6.0-8.5
Temp. 5°C - 45°C
PO₄ 1.0 mg/L minimum
NH₃-N 0.5 mg/L minimum
Dissolved Oxygen 0-2.0 mg/L

PACKAGING

TOL-12 is available in 25 lbs. net plastic pails or 50 lbs. lined boxes. Product is also available in 1 lb. water-soluble packets upon request.

HANDLING PROPERTIES

Persons allergic to dust should use dust mask or equivalent when handling this product in loose or bulk form. In the event of direct contact with the eyes or skin, flush the affected area with water. See MSDS for more information.