

BETAGARD 5330

Bacterial Cultures

Betagard 5330 is a consortium of microorganisms solution that encompasses various types of mature bacteria, possesses a shelf life of over two years, and can be applied to food sources such as organic waste to stimulate rapid growth. This bioaugmentation approach has proven to be efficient in reducing costs and enhancing the effectiveness of the organic waste decomposition process within Wastewater Treatment Plants (WWTPs).

In line with its principles, Betagard 5330 is designed without containing genetically modified organisms (GMOs) and is specifically developed to address biochemical oxygen demand (BOD), chemical oxygen demand (COD), total suspended solids, as well as the processing of waste containing phenolic compounds, decomposed hydrogen sulfide, and various other pollutants. It effectively diminishes the amount of organic matter entering the wastewater treatment system.

SIZES

32oz (946 mL) (Sample Size)	1 Gal (3.78 L)	5 Gal (18.9 L)	30 Gal (113.6 L)	55 Gal (208 L)	275 Gal (1,041 L)
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Benefit

- Addresses your most challenging waste management issues through a meticulously controlled maintenance regimen
- Remarkably diminishes unpleasant waste odors
- Mitigates the presence of hydrogen sulfide, a major contributor to potent foul odors
- Enhances the efficiency of both BOD and COD removal
- Substantially decreases levels of Total Suspended Solids (TSS)
- Efficiently breaks down solid organic waste, including greases, fats, and oils
- Minimizes organic dye concentrations in textile facilities
- Optimizes operations in cold weather conditions
- Expands the operational capacity of facilities
- Breaks down hydrocarbons, halogenated aliphatic hydrocarbons, chlorinated aromatic compounds, and chlorinated solvents into CO₂ and water
- Reduces concentrations of Total Petroleum Hydrocarbons (TPH) and BTEX (Benzene, Toluene, Ethylbenzene, Xylene)
- Retains viability even after freezing and subsequent thawing
- Aids in the establishment or enhancement of nitrification efficiency
- Accelerates recovery from disturbances and sudden influxes of load
- Speeds up the initiation of plant operations



SCAN ME

