



Eco – Green Products

Caring for the Environment

(ISO 9001:2015 Certified Company)

DECOMP Aerobic

Aerobic bioculture refers to a specialized community of microorganisms that thrive in oxygen-rich environments and are utilized in various biological treatment processes. DECOMP Aerobic contains microorganisms which use oxygen to metabolize and break down organic matter into simpler compounds such as carbon dioxide, water, and biomass. These microorganisms which include various bacterial species act synergistically to enhance the speed and efficiency of biodegradation. DECOMP Aerobic bioculture also contains microorganisms for decomposing complex organic compounds such as lignin and cellulose

Benefits

- Faster BOD/COD reduction.
- Reduces commissioning time due to faster growth and quick flocculation.
- Stable floc formation with high MLSS/MLVSS and long-lasting action.
- Can be used in all aerobic treatment systems.
- Wide range of aerobic microorganisms for efficient removal of organic matter from different industrial effluents.

Application Area

- Condensate Polishing Unit (CPU)
- Mixed Bed Biofilm Reactor (MBBR)
- Membrane Bio Reactor (MBR)
- Sequential Batch Reactor (SBR)
- Activated Sludge Process (ASP)



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