



# Eco – Green Products

Caring for the Environment

(ISO 9001:2015 Certified Company)

## DECOMP Pharma

DECOMP Pharma bioculture is a consortium of specific strains of microorganisms capable of breaking down complex organic pollutants found in pharmaceutical effluents. These effluents typically contain active pharmaceutical ingredients (APIs), antibiotics, solvents and other compounds. DECOMP Pharma bioculture employs biological processes to convert these complex pollutants into simpler end products such as carbon dioxide, water, and biomass. DECOMP Pharma bioculture effectively reduces Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD) and ammonia levels making the treated water suitable for discharge or reuse. This bioculture based biological treatment helps companies comply with stringent environmental regulations while also reducing operational costs.

### Benefits

- Resistance to shock loads.
- Breakdown of complex organic compounds into simpler non-toxic forms.
- Faster BOD/COD reduction.
- Partial degradation occurs for the drug intermediate at low concentration.
- Cost effective & sustainable.
- Easy to store, handle & transport.



### Application Area

- Mixed Bed Biofilm Reactor (MBBR)
- Membrane Bio Reactor (MBR)
- Sequential Batch Reactor (SBR)
- Activated Sludge Process (ASP)
- Anaerobic Digestors



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