

Meet the Effluent Treatment Doctor



Introducing Effy Clean Bacto

Effy Clean Bacto is a consortium of different strains of beneficial and naturally occurring microorganisms. These organisms are collected from the natural environment and not imported, exotic or genetically engineered. This technology is the most powerful tool to carry out effective Environmental friendly effluent treatment and is the natural choice the world over.



A one stop solution

Active Microorganisms in Effy Clean Bacto

- Lactic Acid Bacteria: a. Lactobacillus plantarum, b. Lactobacillus casei, c. Streptococcus lactis
- Photosynthetic Bacteria: a. Rhodospseudomonas palustris, b. Rhodobacter sphaeroides
- Yeast: a. Saccharomyces cerevisiae, b. Candida utilis
- Ray Fungi: a. Streptomyces albus, b. Streptomyces gresius
- Fungi: a. Aspergillus oryzae, b. Mucor hiemalis
- Regular use of Effy Clean Bacto eliminates odour inside and outside of many facilities.
- This has improved the quality of the working environment significantly in many institutions.



100%
ORGANIC



Advantages of Effy Clean Bacto

- Works with or without light or oxygen
- Internationally recognized as eco-friendly & safe method
- Eliminates foul odour by suppressing the generation of Ammonia, Hydrogen Sulphide
- Heavy reduction in sludge formation by decomposing biodegradable particles in waste water
- Effective suppression of pathogens
- Reduction of insects
- Safe for humans and the environment – 100% Organic
- Highly economical

Benefits in Effluent Treatment

Aerobic & Anaerobic method & Industrial Effluent Treatment

- Reduction of BOD, COD, TSS as per PCB norms
- Removes foul odor from effluent completely
- Suppression of Total Coli & E coli
- Neutralization of waste water
- Reduction of use of chemicals such as alum, lime, chlorine, deodorizers and disinfectants
- Reduction in power consumption
- Reduction in sludge volume



- No further treatments required for sludge obtained
- Reduces running cost of ETP/STP
- Improves recovery from nitrification
- Effy Clean Bacto can be applied to any effluent/septic tanks
- Brings about bio-augmentation
- Eco friendly, makes the environment healthy & fresh
- No need to use toxic chemicals for sanitation
- Makes the effluent disposable/reuse

Maintenance



Effy Clean Bacto acts as a powerful inducer of antioxidants and prevents early corrosion of the system, thereby minimizing the need for maintenance or parts replacement over a long period

Sludge removal



With the introduction of Effy Clean Bacto there is reduction in sludge formation. The residual sludge is environmentally safe for disposal. Sludge removal costs are thus reduced substantially

Savings on other Costs



Using Effy Clean Bacto continuously for 3-4 months, aids in gradual build up of microorganisms in the secondary ETP, which results in the increase of DO (Dissolved Oxygen) levels. This considerably reduces aeration time and thus the cost of electricity needed for aeration

Application



Effluent treatment plants * Sewage treatment plants * Beverages & bottling plants * Food processing industry * Meat processing units * Paper & pulp mills * Textile units (using organic dyes) * Water bodies including lakes, ponds, rivers

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Act responsibly. Choose wisely