

# Waste Management Without The Mess

**BioKlear**  
Water & Garbage Management



ProKlean BioKlear is a formulated bioproduct for STP, ETP and Garbage Management. ProKlean BioKlear accelerates the breakdown of organic loads and helps in fast stabilisation of Wastewater Treatment Plants (WWTPs). ProKlean BioKlear can also be used at the start-up and upset recovery stages of WWTPs. ProKlean BioKlear when sprayed on garbage dumps eliminates odour and minimises the menace of flies and mosquitoes. It can also speed up the composting process and brings down the composting time frame.

[www.proklean.in](http://www.proklean.in)

## Benefits

### Effluent Treatment

- Bio stimulates existing process to enhance COD, BOD removal efficiency
- Changes biomass dynamics, reduces sludge build-up
- Enhances bio-flocculation and reduces sludge carry over
- Improves efficiency of downstream filtration, membrane processes
- Reduces chemical consumption and operating costs
- Improves plant stability

### Sewage Treatment

- Eliminates bad odour and pathogens
- Treated water meets PCB norms for STP outlet water
- Reduces operational costs
- STP treated water is fit for gardening, flushing and Cooling tower make-up

### Garbage Management

- Fully eliminates foul odour
- Reduces population of flies / mosquitoes
- Improves sanitation

## Tech Specs

Physical Form	Liquid
Colour	Light to Dark Brown*
Odour	Sweet, Fermented
Operating Range	2.50 - 14.00 pH, 1°C to 140°C
Effective Substance	A consortium of biochemicals derived from Probiotics
pH	2.5 < V < 3.5
Biodegradable	Readily Biodegradable
Storage	Store at room temperature; do not freeze
Safety Precautions	Non-hazardous, does not require any protective equipment for handling

Note: The data above is based on our current knowledge, experience and tests conducted. Processors are however requested to carry out their own tests.

\*Minor variation in color could occur due to organic nature of the raw material used.

## ProKlean Effluent Treatment Solutions

### BioKlear BC

BioKlear BC is a powerful probiotic formulation for use in aerobic degradation of organic compounds. Due to diversity of the microorganisms incorporated into this product, it is excellent for use in several types of Industrial effluents.

### BioKlear AN

BioKlear AN is a unique combination of probiotic that improves the overall anaerobic treatment process. BioKlear AN accelerates anaerobic digestion and can be used in a variety of industries that use anaerobic treatment for high-strength wastewaters.

### BioKlear FOG

BioKlear FOG is a synergistic blend of probiotics that breaks down fats, oils and greases (FOG) efficiently. This helps in improving wastewater treatment plant stability and reduces frequency and severity of upsets.

### BioKlear TX

BioKlear TX is a highly potent diversified Probiotic formulation for use in degrading organic compounds in textile wastewaters.

## Application

Activated Sludge Process (ASP)  
Mixed Bed Bio Reactor (MBBR)  
Membrane Bio Reactor (MBR)  
Sequential Bio Reactor (SBR)  
Upflow Anaerobic Sludge Blanket Reactor (UASBR)  
Continuous Stirred Tank Reactor (CSTR)  
Sludge Digester  
Anoxic tank