

Bioclean FOG

Our high-end microbial solution
for FOG removal



MalaTECH
water

PRODUCT DESCRIPTION

Bioclean FOG is a natural biological product consisting specially selected enzyme producing microorganisms that are suspended in a dormant state. Bioclean FOG is unsurpassed as a safe, natural method for digesting oil, grease, organic waste, eliminating odour and removing organic build-up from pipes, oil & grease traps and leach drains.

The bacteria of Bioclean FOG can be used for the intensification of FOG breakdown in activated sludge, and attached growth biological wastewater treatment plants where influent wastewater has a high FOG load. Our bacteria will attach to the activated sludge flocs, or to the fixed film, and give a healthy boost for the microbial system in treatment capacity.

Microbes in Bioclean FOG are natural microbes that have been selectively cultivated. They are, however many times more aggressive than some of the humble species presently living in your septic system. Bioclean FOG biologically digests grease and other organic waste build up, turning it into carbon dioxide (CO₂) and water (H₂O). The microorganisms go to work as soon as they contact water, anywhere in the system breaking down and digesting grease and solid waste wherever it accumulates.



Any microbial product does not clean the grease build-up instantly, as a strong, caustic chemical might. The bacteria are a longer-term solution. Within 4 weeks of the first application, all of your drain lines should be coated with beneficial bacteria, which will drastically reduce future build-up of grease and organic matter.

Bioclean FOG degrades the grease and fats completely by this method. They do not just solubilize them so that they can travel downstream causing trouble in collection systems or wastewater treatment plants.

The microbes in Bioclean FOG are specially selected to digest detergents, fats, oils & grease (FOG), proteins, paper, starch - total organic carbon (TOC). that clog up your system and adversely affect the environment. Bioclean FOG microbes are selectively adapted to tolerate exposure to strong pollutants. Bioclean FOG is especially suited to maintain a healthy bio-population in your tank, preventing build-up of grease, organic matter and odour. The microorganisms in Bioclean FOG actually eats up all the organics. Bioclean FOG is a multiple strain formulation with a high microbe count, which provides powerful, broad-spectrum capabilities to meet customers' expectations. It is not only the count but also the type of microorganism present in a product that governs the end result.

BIOCLEAN FOG - FIELDS OF APPLICATION

- Activated sludge, and attached growth wastewater treatment plants
- Restaurant grease traps
- Industrial grease traps
- Wastewater treatment plant grease traps
- Wastewater pumping stations

BIOCLEAN FOG - BENEFITS

- Restores biologic health of the grease traps naturally
- Eliminates foul odors emanating from the grease traps
- Boosts FOG breakdown, and optimizes activated sludge structure in biological wastewater treatment plants
- Biodegrades build-up of grease and organic matter in the traps
- Keeps lines and drain fields cleaner with reduced carry over of undigested organic pollutants
- Enhance the performance and significantly decrease the number of times a commercial grease trap requires pumping
- Operational savings are perhaps the greatest product benefit, preventing messy drainage & treatment system clogs, costly downtime and major repairs
- Microbial digestion by Bioclean FOG is the simplest and cleanest way to reduce your build-up of grease traps waste and keep it working properly.

APPLICATION, AND DOSING

GREASE TRAPS

The dosage can vary from 10 grams to 500 grams per m³ of grease trap net volume, depending on FOG load. Typical application would be to mix with water and then spray or inject

BIOLOGICAL WASTEWATER TREATMENT PLANTS

Week 1: 4-8 ppm based on daily average inlet flowrate (m³/d)
Week 2: 2-6 ppm based on daily average inlet flowrate (m³/d)
Week 3: 1-3 ppm based on daily average inlet flowrate (m³/d)
Week 4: 0.5-1 ppm based on daily average inlet flowrate (m³/d)

Onwards: 0.2-1 ppm based on daily average inlet flowrate (m³/d)



PACKAGING INFORMATION

The product is available in 1 kg double-wall bags, 20 bags make up 1 carton box which is the lowest unit for ordering.

STORAGE INFORMATION

Keep the product in a cool and dry place below 30 Celsius. Avoid exposure to direct sunlight.

Whenever you have any questions, do not hesitate to [contact us!](#)