

FOG Digester Microbe

Effective biodegradation of fat, oil and grease



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Introduction

FOG digester microbial enzyme consist of multiple strains of tough aerobic and facultative microbes known for their ability to degrade a wide range of petroleum hydrocarbons. Each gram of FOG digester contains not less than 10 billion of tough bacteria whose only purpose is to biodegrade harmful environmental contaminants into harmless by-products such as carbon dioxide and water.

Initially complete remediation of oil spills required several years or more. Using FOG Digester microbe, remediation occurs in a matter of weeks or months giving users multiple benefits. Bioremediation with FOG digester is effective as a stand-alone technology or may be used to augment an existing treatment method. The bacteria in FOG digester degrade any type of oils. The application of this technology has been extended also for Grease Trap Treatments, wherein the hydrocarbons congeal to form blockage of the lines and traps.

The technology is easy to use, inexpensive and safe.

What is FOG Digester Microbe

FOG digester is a natural biological product consisting specially selected enzyme producing microorganisms that are suspended in a dormant state.

FOG digester microbe is unsurpassed as a safe, natural method for digesting oil, grease, organic waste, eliminating odour and removing organic buildup from pipes, oil & grease traps and leach drains. Easy to use, inexpensive and safe.

Areas of Application

- ✓ Oil & Grease traps
- ✓ Kitchen drains & Clogged pipelines
- ✓ De-greaser & Lift station
- ✓ Primary clarifier
- ✓ Drain lines & Sewer Lines
- ✓ Dairies and food processing plants

What is the benefit:

- ✓ Excellent for the maintenance and on-going management of all types of grease traps
- ✓ Innovative microbial technology
- ✓ Environmentally friendly - converts grease into carbon dioxide and water, and more microbes
- ✓ Rapid and in-depth action thanks to the synergetic action of bacteria, enzymes and nutrients
- ✓ Allows rapid start-up of grease traps
- ✓ Provides rapid start-up of new septic tanks and rapid recovery for intermittent use
- ✓ Allows grease traps to work better and longer with reduced service
- ✓ Maintains lines clean and free flowing
- ✓ Controls odours
- ✓ Economic & Can be handled without danger

Dosage & Method

Before starting the FOG digester microbe program, empty grease trap prior to treatment.
The dosage of FOG digester microbe depends upon the current grease trap condition,

Initially dosage 20 ~ 40 gram per cubic meter for 10 days, 1 time / day,
Subsequently use 1 time / 7 days to keep performance,
All applications of FOG digester microbe require it to be flushed down through kitchen drain outlets at night with water.

Case

