

EVOGEN G.T.

a multi-strain liquid bacterial solution specifically formulated to degrade fats, oils and greases and other food waste in the demanding environments of drain lines, grease traps and grease interceptors

overview

Restaurants, hospitals, schools and other institutions are prohibited from directly discharging grease into the city sewer system and must take precautions to prevent oil and grease from cooking operations entering the sewer lines. Because of the regulations surrounding discharge, grease traps are essential to the operation of many businesses and organizations in a community.

Grease build-ups are often the cause of slow drain and sewage back-ups as well as creating drain odors and even pest problems. EVOGEN G.T. is developed specially for formulators to easily create highly effective biological products for grease traps, associated drain lines and also for fat problems in water treatment plants.

The application-specific bacterial consortium present in this product produces lipase enzymes which target large oil and grease molecules, breaking them down into smaller molecules that are then metabolized by the bacteria to quickly degrade the fat and reduce the risk of blockages. As the lipase enzymes get to work, free fatty acids are released, which reduces the pH, creating a harsh environment for bacteria. The strains in EVOGEN G.T. series are specially selected to work effectively in lower pH ranges found in grease traps and grease interceptors. They have been shown to break down a wide range of materials found in grease traps and grease interceptors:

- vegetable, soy, canola and olive oil
- solid fats such as lard, beef tallow and butter
- starch, proteins and cellulose

In addition, the eco-benign™ formulation contains no emulsifying surfactants such as NPE's, making it a safe and effective choice for grease trap and grease interceptor maintenance products.

advantages of EVOGEN G.T.

optimized application-specific, proprietary bacterial consortium specifically targets and degrades FOG, even as the pH decreases

de-emulsifying surfactant promotes separation of water phase from FOG phase increasing efficacy of grease traps and grease interceptors and allowing bacteria to work more effectively

proven rapid degradation of soybean, vegetable and olive oils

effective bacterial action reduces odors associated with grease traps, interceptors and drain lines within hours of application

highly effective eco-benign™ formulation - product is readily biodegradable

product is safe for users and the environment

effectively formulated using minimal levels of buffering agent, giving excellent product stability and improved shelf life

easy dilution for formulators to create biological grease treatment products

manufactured under strict quality control standards to ensure high quality and purity

applications

- grease traps and grease interceptors
- kitchen drain lines
- wet wells and wastewater piping
- municipal wastewater plants with grease problems
- industrial wastewater treatment, especially in the food industry



Grease build-up in wet well before EVOGEN G.T. treatment



Same well after one month of treatment with EVOGEN G.T.