

ONE/Biotechnology



BioOne





/BioOne®

- ✓ **Patented**
- ✓ **Proven**
- ✓ **Profitable**
- ✓ **Made in the USA**



What is BioOne?

- BioOne is the best environmental solution for wastewater – drain lines, septic tanks, drain fields, grease traps and more.
- BioOne has a superior ability to degrade many stubborn inorganic & hazardous contaminants.
- BioOne is the safest & best product to degrade FOG (fats, oils, & grease) and other organics that find their way down drains.
- BioOne maintains operation and restores normal flow of drain lines, septic systems and grease traps in all types of situations.
- BioOne surpasses any other product you will find in the marketplace.
- BioOne is manufactured to food standards even though it's not a food product.
- Each batch of BioOne goes through over 100 quality control checks.
- BioOne is a ready-to-use 64oz. solution for homeowners and commercial accounts (food service establishments)



- BioOne is far superior to other “bio” products:

Other typical Bio-products:

- are Spore based microbes which need optimal conditions to work
 - contain enzymes which only liquefy FOG
- BioOne thrives in any environment that you introduce it in
 - BioOne is all-natural and U.S EPA Safer Choice Program recognized
 - 2015 EPA Safer Choice Partner of the Year Award!
 - 1st microbial product ever recognized – we set the standard!!
 - Recognized as an environmentally preferred product that performs well and is safer for human health and the environment
 - BioOne is composed of 100% live vegetative microbes
 - Non-Pathogenic
 - Non-hazardous – it’s made from NATURE!
 - Safer for People, Pipes, and Pets



The Meaning of the EPA Safer Choice Program Logo

With 85% of businesses creating sustainability initiatives, and consumers showing increased interest in environmental matters, environmental conscious products are increasingly in demand. In fact, surveys show that a product's environmental impact is an important factor considered by consumers in making their buying decisions.



The U.S. EPA Safer Choice Program parallels worldwide interest in environmental safety and sustainability. The purpose of this program is to help identify and develop environmentally safer products.

Once a product passes the specifications of that program, the EPA allows the display of the Safer Choice logo. This logo “allows consumers to quickly identify and choose products that can help protect the environment and are safer for families.”

In order to pass EPA Safer Choice requirements, a product must undergo a rigorous review by the EPA and a third party scientific review team. This team carefully screens each ingredient for any potential human health and environmental effects. The team reviews not only the ingredient, but its chemical structure, to see how it could impact the environment and people.

Only products that are made of the safest possible ingredients are eligible for approval. BioOne has passed the U.S. EPA's Safer Choice Program's criteria and proudly displays the Safer Choice logo in recognition of its positive effect on human health and the environment.

RESIDENTIAL

The Typical Household Pipe When used as directed...



Grease
obstructed
drain line



BioOne
treated
drain line
after 1 week



BioOne
treated
drain line
after 3 weeks



BioOne
treated
drain line
after 8 weeks



SEPTIC

BioOne and Septic Systems



Septic systems require live bacteria to consume, digest, and degrade grease, oil, and other organic matter so that proper functioning can be maintained. When a septic system is

properly maintained, the connected drain field can also function according to design.

Subjected to bleaches, detergents, and other chemicals, naturally occurring bacteria struggle to survive and keep up with the influx of waste in residential and commercial septic systems.

Liquid BioOne is formulated to work in the harsh conditions of septic systems. BioOne requires no pH neutralizing and is performance ready. BioOne contains no added enzymes or other emulsifying agents which only liquefy solid waste. BioOne's bacteria eat and digest the solid waste without the unbalanced action of enzymes or surfactants.

The most effective way to maintain a septic system is to inoculate the tank with BioOne immediately after pumping.

After your septic system has been pumped: Your technician will add BioOne directly into the clean tank.

To properly maintain your septic system: Between pumping, follow the instructions on the label of the 64 oz. BioOne that your technician has left with you.



Drain Field Rejuvenation

Drain fields are designed to allow the discharged water to percolate through the biomat. Drain fields fail for several reasons:

- 1) **Hydraulic overload** (*too much water being released into the septic tank and then discharged into the drain field*)
- 2) **Organic overload** (*too much non-degraded grease, oil, and organic matter*)
- 3) **Chemical overload** (*excessive chemicals destroy the bacteria necessary for degrading waste*)
- 4) **Faulty design or installation**

For best results, pump septic tank and add 2.5 gallons of liquid BioOne directly into the septic tank. Adding another 2.5 gallons of liquid BioOne for every 400 square feet of drain field through the distribution box and or header pipe is also strongly advised. Continue treatment by following the recommended dosing parameters.

For completely failed drain fields, the most immediate results will be obtained when liquid BioOne dosing is coupled with soil fracturing.



COMMERCIAL



The Restaurant's Problems from Fat, Oil and Grease (FOG)

- Backed Up Drains
 - ✓ Expensive Slip and Falls
 - ✓ Potential Worker's Compensation Claims
 - ✓ Emergency Pumping
 - ✓ Health Code Violations
 - ✓ Business Interruptions
 - ✓ Unsanitary Conditions
- Offensive Odors
 - ✓ Unappetizing
 - ✓ Decreased Customer Traffic
 - ✓ Bad Advertising
 - ✓ Poor Work Environment
- Drain Flies
 - ✓ Gives Impression of Poor Housekeeping and Lack of Hygiene
 - ✓ Annoying to Customers
- Municipal Fines and Charges

COMMERCIAL

Potential Markets for the BioOne Auto-Dispensing System

- ✓ On-site Wastewater Systems
- ✓ Quick-Service Restaurants
- ✓ Hotels and Motels
- ✓ Family Restaurants
- ✓ Specialty Bakeries
- ✓ Nursing Homes
- ✓ Schools



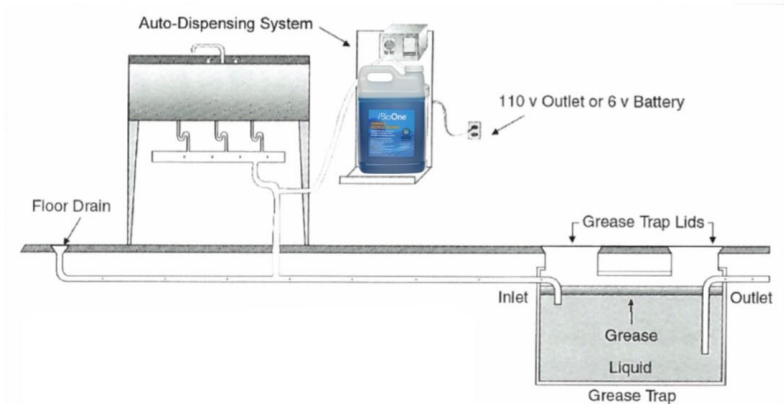
- ✓ Hospitals
- ✓ Jails and Prisons
- ✓ MRI Facilities
- ✓ Medical Labs
- ✓ Photo Labs

- ✓ Apartment and Condominium Complexes
- ✓ Auto Garages
- ✓ Cruise Ships
- ✓ Life Stations
- ✓ Supermarkets
- ✓ Airports
- ✓ Malls
- ✓ Movie Theaters
- ✓ Exhibition Halls
- ✓ RV and Trailer Parks



COMMERCIAL

BioOne ADS Systems Keep Drain Lines and Grease Traps Flowing Freely!



**60 Day
Auto-Dispensing**



**90 Day
Auto-Dispensing**

COMMERCIAL

**Lift
Station
Before
Treatment**



Day 1 of Treatment

This is a lift station outside of Bradenton, FL. It is located outside of a food court of a major shopping mall. On day 1 BioOne® was added via an AIS System and the perimeter was sprayed with BioOne.

**Lift
Station
After
Treatment**



Day 30 of Treatment

Any Questions?



800-288-2000