

# Beyond Green™ Cleaning

## FOG Elimination

### Grease Buster™

- Digests FOG and reduces it into carbon dioxide and water.
- Provides a “deep cleaning” by quickly penetrating porous floors.
  - Reduces fly infestations by eliminating FOG build-up.
  - Reduces odors caused by rancid FOG accumulation.
  - Removes the greasy film, eliminating slippery floors.

### Drain Buster™

- Dissolves clogs caused by soap, hair and other organic materials.
  - Consumes FOG and food wastes.
- Creates a two-way foam that treats the drain line up to 12 feet.
  - Reduces pest infestation, including drain flies.
  - Odors are not masked but are eliminated at the source.

### Grease Trap Buster™



- Reduces grease trap pumping to once every 18 months.
- Revitalizes existing microbes to perform at optimum conditions.
  - Reduces flies by eliminating rancid FOG.
  - Eliminates odors by changing the environment.
- Special wetting agents remove waste from pipes and tanks.

# FOG Elimination

## What is FOG?

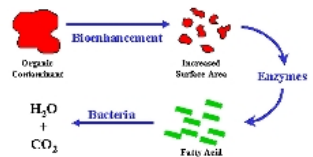
- FOG stands for Fats, Oils and Greases in food production, processing and service facilities.
- FOG represents 10% of the organic substances found in waste water.
- Most ordinances forbid the discharge of FOG into sewer systems.
- Most programs require a pre-treatment device like a grease trap.

## Why is FOG a Problem?

- Greasy Floors and Walls - FOG causes slippery, unsafe working conditions.
- Sanitation Concerns - It causes sanitary issues and increases labor time.
- Clogged Pipes and Drains - It creates clogged and slow drains.
- Rancid Odors - It becomes rancid and causes foul odors.
- Insect Infestations - It attracts pests, including drain flies.
- Out of Compliance - FOG, if untreated, causes problems for municipalities which fine operators.

## Bio-Technology

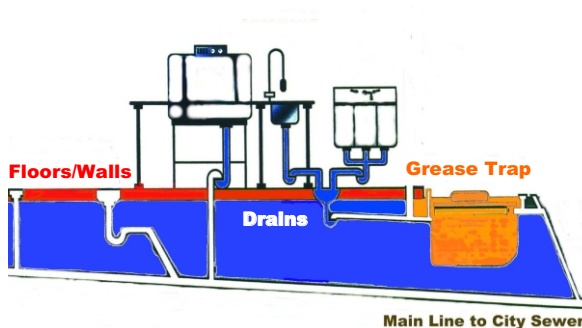
- Bio-Technology is the natural use of microbes to digest contaminants, like FOG.
- Microbes use oxygen, water and enzymes to naturally convert FOG into carbon dioxide and water.
- Enzymes act as “knives and forks” breaking the FOG into smaller molecules.
- The enzymes attract the microbes which consume FOG into carbon dioxide and water.
- Once the reaction is complete, the enzymes break free to attach to another FOG source in order to repeat the same reaction.



## Microbial vs. Enzymatic

- Microbes are enzyme factories providing a continuous supply of complete enzyme systems.
- Unlike enzyme-only systems, bacterial systems produce different enzymes based on the specific predominant compound.
- Enzymes liquefy a waste; they will not digest it. All an enzyme product accomplishes is to change the form of waste. There are enzyme products without microbes; however, without microbes, there is no Bio-Technology process.

## Total FOG Elimination Program



## Eliminates

- Greasy, Slippery Floors
- Clogged Pipes & Drains
- Rancid Odors
- Insect Infestation
- Compliance - Fines
- Overall Health, Safety & Environment Issues