

Beyond GreenTM Cleaning

Total FOG Elimination Program



**Hard Surface Cleaner • Drain
Cleaner • Grease Trap Treatment
All-Purpose Cleaner**

Cleaning Without Chemicals

100% Natural - 100% Effective

Total FOG Elimination Program™

What is FOG?

An all too common problem in food service environments is the accumulation of fats, oils, greases ("FOG") and food waste on hard surfaces, plumbing system and grease traps. This accumulated build-up causes floors to be greasy and dangerously slippery and produces rancid odors as well as attracts pests and causes fines to be charged for being out of compliance.

The use of standard cleaners, hot water, bleach or degreasers does not remove this build-up of fats, oils, greases and food waste nor do they deter pests or eliminate odors.

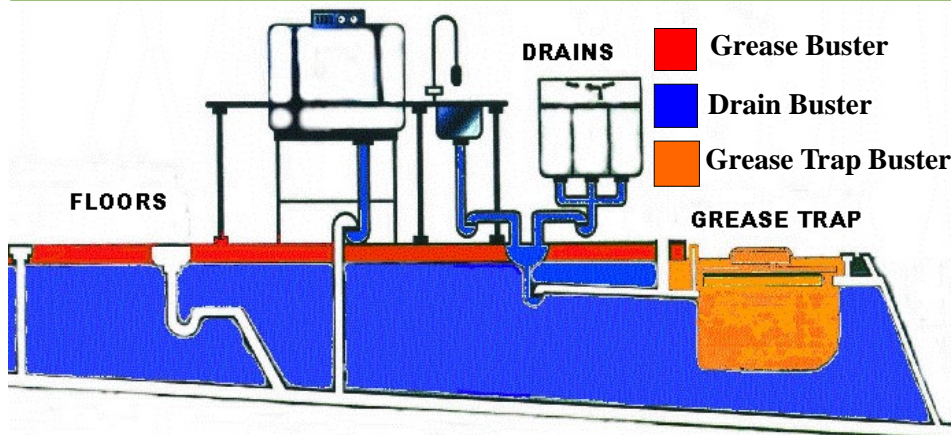
"In New York, the City's Department of Environmental Protection issued some 2,800 summonses to operators who had not properly treated existing traps."

"Last year nearly two-thirds of Atlanta's restaurants were cited for grease trap infractions after federal officials forced the city to cut sewage overflows."

What Problems does FOG Cause?

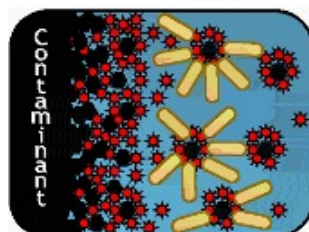
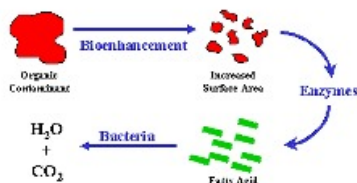
- **Greasy Floors, Walls and Equipment** – Causes unsafe working conditions and slip-n-fall accidents.
- **Sanitation Concerns** – Causes sanitary issues and decreases sanitary ratings.
- **Clogged Drains** – Creates clogged, slow drains and water back-ups.
- **Rancid Odors** – Causes foul odors.
- **Insect Infestations** – Attracts pest infestations.
- **Out of Compliance** – Fines from local municipalities and bad press.

Applications



Technology

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



Grease Buster™

- Concentrated, microbe-powered cleaner which digests FOG and food waste.
- Eliminates FOG, food waste and soil converting them into carbon dioxide and water.
- Unlike degreasers, which only emulsify, re-deposit and re-grease, Grease Buster™ digests it completely.
- Provides a “deep cleaning” by quickly penetrating FOG, food waste and soil and removing the greasy film from floors, walls and equipment.
- Reduces fly infestations and foul odors caused by rancid FOG.
- NSF-approved (A-1, A-4), neutral ph and fragrance-free.
- Bio-based, biodegradable and all-natural ingredients.

Advantages

- Degreasers only smear FOG and food waste leaving an “oily, slick film” on floors, walls and equipment re-greasing the surfaces.
- Degreasers emulsify the FOG, and it re-solidifies on surfaces, cracks, crevices, hard-to-access areas, floors, drains and equipment.
- Degreasers (soap-based) products simply liquefy FOG to allow transport “downstream” such as drains, grease traps and municipal water treatment facilities. Once the surfactant is sufficiently diluted, the FOG re-solidifies.
- Enzyme-based products only liquefy a waste; they will not consume it. It only changes the form of waste.
- Bio-Technology Products, however, biologically convert FOG and food waste into carbon dioxide and water, reduce slip-n-fall accidents, remove the oily, slick residue and eliminate odors as well as pest infestations.

Applications & Uses



- Mopping – eliminates floating FOG in mop buckets and extends the life of mop heads.
- Foaming/Spraying - Apply by hosing with a hose end sprayer or wall-mounted application.
- Spray-N-Wipe – Perfect for dining tables, counters and work areas.

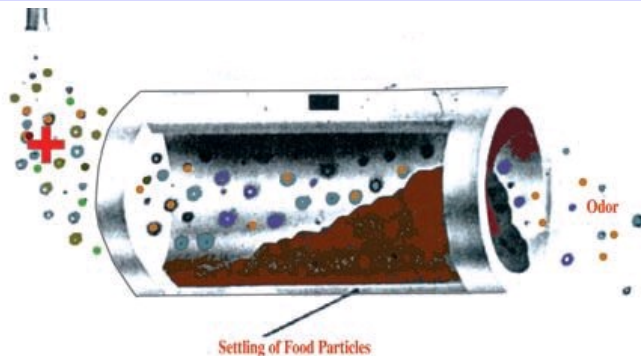
Application Method	Dilution Rate
Mopping	4 oz./gal
Auto Scrubber	5 oz./gal
Spray & Wipe	10 oz./gal

Drain Buster™

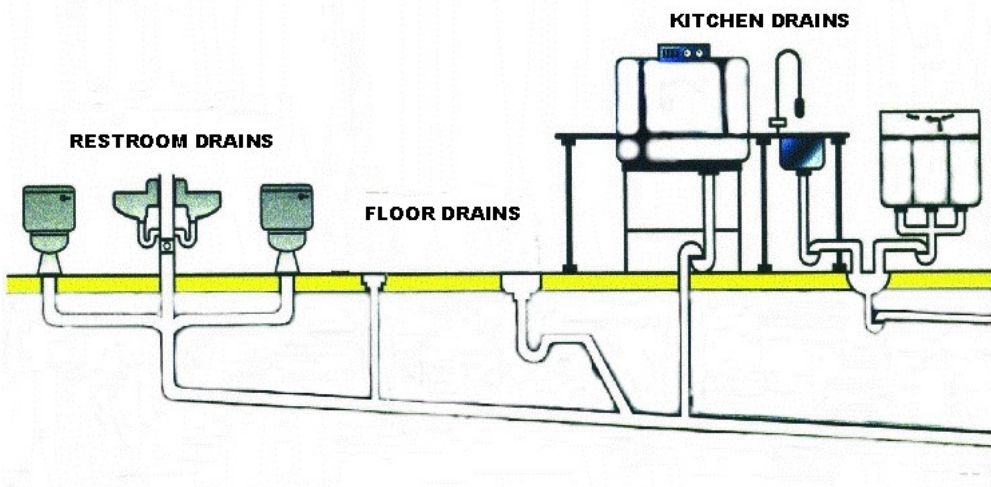
- A powder blend of microbes and enzymes.
- It creates a foam that engulfs the drain line treating up to 12 feet while delivering microbes and enzymes throughout the system.
- Quickly dissolves clogs caused by FOG, food waste and other organic materials.
- Eliminates slow drains and future clogs by consuming the waste that accumulates in pipes and drain systems.
- Reduces odors as well as pest infestation, including drain flies.
- Because of gravity, most drain cleaners cannot remove waste on vertical pipes --Drain Buster™ can.
- Bio-based, biodegradable and all-natural ingredients.

Advantages

- Build-up of FOG, food waste and soil causes clogs, back-ups, pest infestations and odors.
- Despite chemical and manual treatments, drain lines continue to have problems.
- Positively-charged FOG and food waste begin to build up on negatively-charged pipes while the microbes, which exhibit a negative charge, adhere to the FOG and food waste.
- Drain Buster™ creates a foam that not only clears clogs quickly, but acts as a delivery system that embeds the microbes and enzymes into the waste clinging to the side of the pipes. Enzyme-only based products do not have the time or ability to completely remove accumulated waste that causes clogs or slow drains.
- Acid and caustic-based products only make the situation worse by liquefying the FOG, which causes blockages and clogs downstream.



Applications & Uses



Grease Trap Buster™

- A blend of botanical extracts and vitamins designed to treat grease traps.
- Revitalizes existing microbes to digest FOG and food waste.
- Reduces grease trap pumping to once every 18 months.
- Reduces flies and odors by eliminating rancid FOG.
- Bio-based, biodegradable and all-natural GRAS-listed ingredients.

Advantages

Grease Trap Buster™ utilizes all-natural vitamins and essential minerals with existing microbes and enzymes in grease traps, to revitalize existing sluggish microbes in grease traps. Other methods, such as adding more enzymes and microbes, only make the situation worse by inducing malnutrition to the existing microbe systems. Microbial-based products do not promote growth and require multiple applications to break down the organic matter because the foreign bacteria cannot function in harsh conditions created by the use of chemicals such as bleaches, detergents, anti-bacterial soaps and other products. Vitamins and minerals are essential because, once the microbes become sluggish or stop working, they re-stimulate and enhance the whole system so digestion and efficiency are increased and maximized.

Applications & Uses



After Treatment



Prior to Treatment

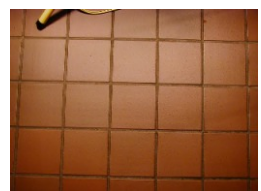
- Initial Shock - Pour half the total dosage into all drains leading to the grease trap. Then, pour the remaining dosage directly into the grease trap itself and stir.

Trap Capacity	Grease Trap Buster™
250 gal.	32 oz. (1qt.)
500 gal.	64 oz. (1/2 gal.)
750 gal.	96 oz. (3/4 gal.)
1,000 gal.	128 oz. (1 gal.)

- Regular Maintenance - On a regular basis (monthly), administer the recommended amount.

Brite Grout™

- Microbe-Powered, concentrated grout cleaner.
- Ideal for general maintenance of commercial, food service and industrial floors.
- Removes grease, oil, hard water stains, mildew and lime deposits.
- Restores badly-soiled grout to original color.
- Safe to use on grout, concrete and ceramic tile.
- Pleasant, clean fragrance.
- Bio-based, biodegradable and all-natural.



Light-Duty	Med-Dity	Heavy-Duty
1:32	1:12	1:5

- May be applied with auto floor scrubbers, mops, foam guns and pressure-sprayers.

Total Surface Care™

- Powerful multi-purpose cleaner based on Nano Technology.
- Formulated to quickly penetrate and effectively remove a variety of soils from any water-safe surface.
- Anti-static formula repels soil to reduce cleaning frequency.
- No fragrance or dye added.
- Neutral pH, no VOC's, no chelating agents, phosphates or silicates.
- Cleaning solution is easier to use in treating waste water treatment plants.
- Bio-based, biodegradable and all-natural ingredients.



General Cleaning	1:32
Auto Scrubber	1:64
Mopping	1:32
Degreasing	1:15

- Highly dilutable formula for light, medium and heavy-duty cleaning.
- Apply with a mop, brush, pressure washer, auto scrubber or a spray-and-wipe application.

All-Natural Cleaning Certification

Beyond Green Cleaning™ provides food-service operations with marketing collateral to help communicate your commitment to food safety. Communicate to your customers that you care about the cleanliness of the food and the environment you serve it in. One more reason for customers to select your establishment over the competition.



To qualify, the customer pledges to reduce their environmental footprint by eliminating toxic, hazardous cleaning products (chlorine bleach, caustics, acids, etc.) with all-natural cleaning solutions.

Goals:

Assist in moving the entire marketplace toward environmental sustainability. To consider impact to all environmental media and issues (water, air, energy, soil, waste issues, depletion of natural resources and impacts to human health).

Benefits:

Denotes a "Green" Food-Service Operation and builds trust and confidence in a skeptical marketplace.

Item #	Product	(Pack) Size	Dilution
9100-004	Grease Buster™	(4) 1 gal./3.78 L	1:10-1:25
9100-005	Grease Buster™	(1) 5 gal./18.9 L	1:10-1:25
9101-001	Drain Buster™	(18) 4-4 oz.	RTU
9101-002	Drain Buster™	(16) 4 oz.	RTU
9300-002	Grease Trap Buster™	(4) 1 gal./3.78 L	RTU
9901-004	Brite Grout™	(4) 1 gal./3.78 L	1:10
9802-001	Total Surface Care™	(4) 1 gal./3.78 L	1:15-1:64



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