

BIO-STAR™ GB

Treatment of grease traps, lift stations & collection systems

Bio-STAR™ GB combines a new patented technology of oil and grease degradation with its continuous seeding system. **Bio-STAR™ GB** dissolves slowly in water gradually liberating microbial growth stimulant and a synergistic bacterial blend selected for its high digestive capacity. Used on a regular basis, this system greatly improves active degradation of oil and grease and reduces their accumulation on surfaces, lift stations, and grease traps, while decreasing the production of odors.

Bio-STAR™ GB can be used by restaurants that have drain line blockages. Grease build-up can lead to clog sinks and drain line backflow, these are two problems that **Bio-STAR™ GB** can take care of. Restaurant's grease traps need to be regularly pumped to remove the grease that was collected. Grease traps may experience poor separation of grease from the waste stream due to the build-up of organic gelatinous materials.

Bio-STAR™ GB's continuous action degrades the most difficult component of fat, oils and grease (FOG), the long chain fatty acid. Its technology alleviates drain clogs and back-ups by keeping lines clean. The regular use of **Bio-STAR™ GB** ameliorates grease traps function by degrading much of the grease that collects on walls and surfaces and eliminates organic materials that interfere with good separation.



BENEFITS:

- Easy storage because of its compact size.
- Easy to use formula, that slowly dissolves for a continuous effect.
- Less expensive and as effective as a dosing pump maintenance.
- Eliminates excessive pumping.
- Provides microbial technology that outperforms competitive microbial formulations in drain line and grease trap maintenance.
- Combats malodors that can be bothering to people.
- Unplanned system back-up expenses can be prevented.
- Regular use helps meet effluent requirements and reduces impact on downstream collection systems.

APPLICATIONS:

- Small sewer network and grease traps
- Heavy duty grease traps
- Maintenance of collection systems and lift stations

CHARACTERISTICS:

Bacterial count	4 x 10 ⁹ cfu/g
Bacterial Bacteria type	A consortium of Bacillus
Biological pathways	Aerobic and facultative anaerobic
Enzymatic production	Lipase, protease, amylase, cellulase
Pathogenic bacteria	Salmonella/Shigella free
pH range	6.0 - 8.5
Temperature range	6° – 45° C
Appearance	Blue or brown, compressed cylinder
Stability	1 year between 2°– 35° C

METHODOLOGY:

Hang **Bio-STAR™ GB** by its woven bag with a rope in the trap door or the interceptor so that it is submerged. Dosage can vary according to flow or load. Consult our specialists to determine the right dosage.

Volume/Flow	Dosage	Frequency
Grease trap < 1500l	1 block	Monthly
Grease trap 1500 – 3500l	1 block	Monthly
Grease trap <13500l	2 blocks	Monthly
Station 150m ³ /day	1 block	2-4 weeks

STORAGE AND HANDLING

Store in cool, dry place. Wash hands thoroughly with warm, soapy water after contact. Avoid eye contact.