

Grease Treatment Microbes

IFM G-Block

Grease Trap, Interceptors & Collection Systems Treatment



IFM's G-Block combines patented fatty-acid degradation technology with the continuous delivery system of dissolvable blocks. IFM G-Block utilizes BioS 3112 with a synergistic blend of microbes selected for high rates of organic digestion coupled with formulation ingredients that support microbial action. When used regularly, this highly active system improves grease separation, reduces the build-up of fats, oils and grease (FOG) on walls and surfaces, decreases the production of malodors and reduces FOG in the effluent.

Restaurants typically experience drain line blockages which can cause havoc with kitchen operations. Sink clogs and drain line back-flows are largely due to grease build-up. Most restaurants have grease traps which are designed to catch grease in wastewaters to limit build-up in the downstream collection system. Regular pumping is required to remove the grease that has been collected. Grease traps may experience poor separation of grease from the waste stream due to the build-up of gelatinous materials. They are known for producing malodors which can be highly offensive to both patrons and employees.

The *BioS 3112* technology in **IFM's G-Block** sets a new standard for continuous-seeding block technology. Patented *BioS 3112* degrades the most difficult-to-degrade components of FOG, the long-chain fatty acids. *BioS 3112* is lipophilic in nature so it attaches to grease deposits, increasing the rate of degradation due to greater contact. Unlike most naturally occurring microorganisms, *BioS 3112* is also very active at the low pH conditions often found in grease trap environments. Not only does *BioS 3112* alleviate drain clogs and back-ups by keeping lines clean, regular use of **IFM G-Block** improves grease trap function by degrading much of the grease that collects on the walls and surfaces and eliminates organic materials that interfere with good separation. It also eliminates malodors by degrading the volatile fatty-acids associated with foul odors.

IFM's G-Block's specialized delivery system provides the capabilities of *BioS 3112* technology in a long-lasting, slow release form, thereby reducing the need for excessive pumping. This convenient delivery system eliminates the expense and maintenance of a dosing pump.



Benefits

- Easy-to-use solid block dissolves slowly, providing continuous seeding of the grease trap or collection system
- Compact size for easy storage and application
- Delivers patented *BioS 3112* technology that outperforms competitive microbial formulations in drain line and grease trap maintenance
- Provides effective treatment without the expense and maintenance of a dosing pump
- Helps alleviate malodors which could offend patrons and employees
- Prevents unplanned expenses associated with system back-ups
- Eliminates excessive pumping
- Regular use helps meet effluent requirements and reduces impact on downstream collection systems

Features

- Microbial consortium performs in a wide range of temperature and pH found in target applications
- Provides aerobic and anaerobic performance for grease trap, interceptor and collection system environments
- Trouble-free treatment for one month when placed in an area of moderate flow

Applications

For small interceptors and grease traps:

IFM G-Block is an ideal application system for small interceptors and grease traps where dosing pumps for standard liquid products are not practical.

Extra strength for problem grease traps:

IFM G-Block is a very effective additive for use with other **IFM liquid products** in tough grease trap applications where additional activity is required.

Maintenance of collection systems and lift stations:

IFM G-Block is a slow-release dosing system for grease control in collection systems and lift stations.

Product Characteristics

Bacteria Count	4.0 x 10 ⁹ cfu/gm
Salmonella	Not detected
Appearance	Blue, compressed cylinder
Stability	Maximum microbial loss of 1.0 log per year when stored as recommended

Storage and Handling

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

Dosing

GREASE TRAPS		
GALLONS	DOSAGE	FREQUENCY
< 500	(1) 2-LB IFM G-Blocks	Monthly
500-1000	(1) 5-lb IFM G-Block	Monthly
>1500	(1) 10-lb IFM G-Block	Monthly

Suspend **IFM G-Block** by mesh in a portion of the grease trap that receives moderate flow. **IFM G-Block** may be removed from the mesh bag and dropped directly into the grease trap or interceptor. Dosage may vary based on minimal or excessive loadings.

Problem Grease Traps

In addition to standard dose of liquid microbial product, apply appropriate size **G-Block** in trap monthly to resolve persistent problems.

Collection Areas and Lift Stations

Suspend a 30-pound **G-Block** making certain that the block makes contact with flowing wastewaters. Replace monthly or sooner depending on flow rate.

Available Packaging

1 x 30 lb. cylinder
4 x 10 lb cylinder
4 x 2 lb cylinder
4 x 5 lb cylinder
All sizes are packages in mesh bags.

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