BIO BLOCK & BIO BLOCK JR #342301/#342300

Solid, Slow-Dissolving Bacterial Block

Features:

- Lasts up to 30 days
- Easy to use - no measuring, no waste
- Suitable for all grease trap sizes
- Eliminates up to 96% of grease trap odors
- Absorbs phosphates and reduces hydrogen sulfide
- Reduces organic solids and sludge buildup
- Improves settling and percolation
- Lowers BOD, TSS, COD & FOG
- Meets the “Purchase of Sustainable Cleaning Products and Materials” criteria under the LEED point management system

Description:

BIO BLOCK and BIO BLOCK JR are time-released, solid bacteria blocks that sit on the bottom of grease traps and lift stations. As the block dissolves, the biologicals circulate, digesting grease, feed, fat and sludge. This will make an immediate difference in grease buildup and eliminate odors up to 96%. While the block goes to work in the grease trap, waste becomes more fluid, allowing bacteria to flow more freely throughout the entire system, consuming more waste as it travels.

Applications:

- Grease Traps
- Wet Wells
- Settling Tanks
- Interceptors
- Ponds & Lagoons
- Holding Tanks
- Lift Stations
- Digesters
- Basins

Directions:

Grease Traps:

1. Determine gallon capacity of grease trap.
   Width x Depth x Height = Cubic Feet
   Cubic Feet x 7.5 = Gallon capacity
2. Normal dosage as below. **For initial application double the dose** to “shock” the system and increase the biofilm to combat the grease immediately.

Usage Chart:

Trap Size	Dosage	Approximate Longevity
5-40 gls	1 Bio Block JR	25-30 days*
40-80 gls	2 Bio Block JR	25-30 days*
80-500 gls	1 Bio Block	25-30 days*

**Results will vary upon types of food prepared (vegetables and large chunks of meat are harder to digest), temperature, amount of water flow and the trap water pH.*

3. Make sure you always begin with a recently cleaned (or pumped) trap.
4. Place blocks away from inlet, towards the middle. Be sure that the blocks are submerged in the water and are *not* resting in grease. The blocks need water to dissolve. If using more than one block, place in a scattered pattern.
5. For most effective trap, water temperature should be below 150°F. The hotter the water, the quicker the disillusion and the more harm to the biological.
6. After the initial application, do a followup in 2 weeks. This will age the success of the initial application and determine what works best for the specific trap.

At the 2 week checkpoint, look for the following:

- Remaining grease is soft, broken up
- Odor should be greatly reduced or eliminated
- Brown foam is present (This is the grease being digested into water and CO_2
- Free flowing water that will appear clearer
- Check the blocks. If half dissolved, you have correctly dosed the trap to last approximately 1 month. If fully dissolved, the trap to last approximately 1 month. If fully dissolved, dose was too small.

7. Check back in 2 more weeks to make sure the blocks are practically gone and then adjust the recommended dosage accordingly.

Lift Stations and Other Areas:

Suspend the block into the treatment area allowing the block to be placed just away from the higher flow areas. A rope may be needed to keep block in place. The block will dissolve as the wastewater washes over it. Higher flows will result in faster degradation of the block.

BIO BLOCK & BIO BLOCK JR continued…

Product Characteristics:

Color:	Green
Odor:	None
Boiling Point:	Not applicable
Melting Point:	Estimated 60°C
Flash Point:	Not applicable
Vapor Pressure:	Not determined/applicable
Solubility (water):	Insoluble
Relative Density:	Not determined
Flammability(solid/gas):	Not determined/applicable
pH Value:	Not determined/applicable
RVOC:	<3%
Storage:	Keep in cool, dry conditions in original containers at no more than 30°C
Transportation Information:	
Proper Shipping Name:	Not available
Hazard Class:	Not available
Identification Number:	Not available

DOT Placard:
Not available.

Pictograms:

Signal Word:
Warning

Personal Protective Equipment Required:
Not required.