

GREASE BLOCK™

for Grease/Odor in Collection Systems & Sewer Lines

The Bio Clean BC-9200-MP GREASE BLOCK is a solid, bacteria laden block used in degrading and reducing organic waste. The bacteria contained in this totally organic block are safe, natural isolate strains which are non pathogenic and non-mutating. Specially adapted to the task, these microbes handle difficult organic problems rapidly and effectively. A winter/cold climate formulation containing psychrophilic (cold-loving) bacteria is also available. Our unique NATURAL growth enhancers and biostimulants that are contained within the GREASE BLOCK give the bacteria unsurpassed nutrient support and growth capabilities. GREASE BLOCK works better than competitors because of this! This nutrient package creates voracious microbes to eat and digest the troublesome fats, oils, & grease.

As sewage levels rise and fall, this unique block will gradually degrade and dissolve over a two to four week period in low to average flow situations. This allows for continuous 24/7 treatment in lift stations, wet wells and manholes. No need for laborious repeat trips out to the wet wells & manholes for manual dosing. No need for expensive dispensing pumps & equipment. If used consistently, as recommended, BC-9200- MP GREASE BLOCK reduces grease buildup, malodors, and equipment failures from grease and chemical can be expected. Eliminates formation of sulfuric acid by efficiently degrading organic matter that sulfur reducing bacteria (SRBs) thrive on. Reducing the SRB population reduces the production of Hydrogen Sulfide gas. Reduces bad odors and corrosion. Psychrophilic formulation available for cold climates or winter use.

FEATURES AND ADVANTAGES

- ☑ Uses NATURAL, SAFE Bacteria to Digest and Eat Grease
- ☑ Contains NATURAL growth enhancers& biostimulants to maximize bacterial action
- ☑ Breaks Down Odor and Grease compounds
- ☑ Keeps floats and equipment Grease Free
- ☑ Greatly Reduces Citizen Complaints
- ☑ Easy to use and Cost Effective
- ☑ Greatly Reduces or Eliminates malodors, including Hydrogen Sulfide
- ☑ Treats lift stations, wet wells, and manholes continuously - 24/7
- ☑ Reduces Man Hours needed to maintain Lift Stations & Manholes
- ☑ Eliminates need for Expensive Metering Equipment or Pump Setups for dosing
- ☑ Bacteria keep working on waste after leaving the lift station
- ☑ Regular use decrease force main restrictions and WWTP efficiency
- ☑ Greatly reduces corrosion and wear in pumps and equipment
- ☑ Excellent for low flow lines, too!

USE

In a simple, easy to use system, the Helix GREASE BLOCK gives round the clock, 24/7, lift station, manhole, and wet well maintenance and treatment. To use, slip the block into supplied polypropylene netting and tie shut. Attach the netting securely to a rope or fishing line. Once the wet well has been pumped down to its lowest level, drop GREASE BLOCK into an area of the station that receives good water flow, like near influent flow. Make sure that the GREASE BLOCK is submerged, but NOT on the bottom of the well. Position GB where it will not entangle with equipment/lines. The block will dissolve gradually over an approximate 2 to 6 week period in the wastewater turbulence.

Bio Clean BC-9200-MP GREASE BLOCK

TECHNICAL INFORMATION

Typical Properties

Formsolid block
Appearance...light blue/green
Fragrance.....pleasant
pH.....7.8 – 8.5
Shelf Life.....1 year unopened

Performance Properties

Effective pH range.....5.5-9.0
Effective Temp. range.....34 – 110 deg. F

Microbial Information

- Multiple strains of adapted microbes
- Facultative anaerobes (grow with or without oxygen)
- Non-pathogenic and non-mutating
- Produce abundant amylase, protease, lipase, cellulase, urease, dioxygenase, and pentosonase enzymatic activity.
- Contains natural nutrients for biostimulation & growth enhancement.

Packaging

Bio Clean BC-9200-MP GREASE BLOCKS are packaged as 8 four pound blocks per case. Each block is sealed in a plastic container and boxed separately with netting and cable tie.

Storage and Handling

- Store in a cool, dry place
- Protect from freezing (makes blocks crack)
- Do not open until needed
- Avoid inhalation of dust
- Wash hands with warm, soapy water after handling

Product Safety

Health	1	0=Least
Flammability	0	1=Slight
Reactivity	0	2=Moderate
		3=High
		4=Extreme

Dosage and Application

Lift Station/Wet Wells - Each situation is unique and different. Use one 4 lb. BLOCK per 40,000 GPD of sewage flow. Proper degradation of BLOCK and inoculation of bacteria into the system can occur in low to average flows of 5,000-100,000 GPD. Check BLOCKS every 2 weeks. When the GREASE BLOCK has degraded by 50-60%, install another GREASE BLOCK to ensure sufficient bacterial dosing. Try to maintain a MINIMUM of 1-2 pounds of GREASE BLOCK in use at all times per 40,000 GPD flow for good performance.

Manholes – Drop GREASE BLOCK into waste stream. Suspend in sewer line (submerge totally if possible) where maximum amount of sewage will come in contact with GREASE BLOCK. Tie rope from GREASE BLOCK securely so as not to allow it to float downstream.

Grease Traps – Install in grease trap where incoming flow provides turbulence. Break up any grease mat that may exist. It is always best to have trap pumped prior to treatment. Secure rope firmly.

Made in USA.

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