



Turning Liabilities Into Leverage!

MicroClear® 209 Marine Sanitation Devices

Product Bulletin

Environmental Leverage has Lab Analysis Service Available

MicroClear® 209 is a high potency, bacteria-laden, powdered formulation, is specially formulated & packaged for direct addition to holding tanks, marine heads, drains and grease traps. Use in boats, marinas, restaurants and commercial buildings.

MicroClear® 209 contains a specially formulated, proprietary blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants. The safe, naturally occurring bacteria are present in high numbers to handle difficult organic problems, reduce odors and are very economical to use.



1-lb. Water Soluble Bio-Pouch

Application Instructions for Marine Sanitation Devices

Flow Rate	Initial Dosage	Maintenance**
Up to 25,000gpd	1lb. per week	½ lb. per week
Up to 50,000gpd	1lb. 2x week	1 lb. per week
Up to 100,000gpd	1lb. every other day	1 lb. 2x week
Up to 250,000gpd	1lb. per day	1 lb. 3x week

Product Advantages

- Use in all Sewage Holding Tanks
- Marine Sewage Pump out Facility
- Use in Boat, RV, Portable, & Chemical Toilets
- Use for both Grey & Black Water Treatment
- Port & Terminal Reception
- Facilities Issues
- Greatly reduces labor time
- Enhances BOD/COD removal
- Reduces hydrogen sulfide
- Reduces sludge buildup
- Cost effective & Easy to use
- Changes biomass dynamics
- Increases system efficiency
- Breaks down fat & grease buildup
- Eliminates malodors at their source
- Contains facultative anaerobes
- Grease Trap and Drain Maintenance
- Contains no chemicals
- Degrades a wide range of complex organic compounds
- No special equipment needed

Applications of Use

- MARINE SANITATION DEVICES
- BALLAST TANKS
- LIFT STATIONS
- TRANSFER STATIONS
- WET WELLS
- SUMP PITS
- MARINE SEWAGE HOLDING TANKS
- CRUISE SHIPS, LARGE & SMALL BOATS
- OXIDATION TANKS
- DIGESTERS
- SLUDGE TANKS
- SEWER MAINS
- LATERALS
- GREASE TRAPS
- DRAIN LINES

- Degrades**
- Black & Grey Water
 - Ballast Water
 - Fats, Oils & Grease
 - Starches
 - Protein
 - Malodors
 - Animal Fat
 - Triglycerides
 - Foaming
 - Surfactants
 - Soaps



Environmental Leverage® Inc.

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630-906-9791 fax 630-906-9792

www.EnvironmentalLeverage.com

Packaging of Product

MicroClear® 209 comes in
1-lb. water soluble Bio-pouches.
Packaged in 25-lb. Plastic Pails.
Bulk packaging upon request.





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- Fats, Oils & Grease
- Starches
- Protein
- Malodors
- Animal Fat
- Triglycerides
- Foaming
- Surfactants
- Soaps

Typical Properties of Product

- Appearance.....light tan
- Fragrance.....mild-earthy
- Form.....powder
- pH.....6.8-8.5
- Shelf-Life.....2 years/u.o.c.
- Flash Point.....none

Performance Properties

- Effective pH range.....5.2 - 9.5
- Effective Temperature Ran.....35 - 130°F
- Bacterial Enzyme Production.....Protease, Lipase, Amylase, Urease, Cellulase

Storage & Handling

Storage.....Store in a cool, dry place. Do Not Freeze
 Container.....Keep lid closed on Plastic Pail. Do not store water soluble pouches out of plastic container.

Handling.....Wash hands thoroughly with warm, soapy water

Bacterial Count

MicroClear® 209.....>1x10⁹ (Billion per gram)



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MicroClear® FOGgone™

High Fats, Oil & Grease Liquid Formulation

Product Bulletin

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MicroClear® FOGgone™ liquid solutions of specially selected multi-cultured bacterial strain concentrate. These bacterial strains work synergistically for the fastest action available in a liquid digestant using nature's own cleaning agents.

MicroClear® FOGgone™ contains a synergized blend of Bacillus organisms, all of which has been selectively chosen for accelerated degradation capabilities of organic compounds such as grease, fats, proteins, starch, sugars, and cellulose. Developed for Wetwells, Drains and Grease Trap Liquid.

Benefits of Use

- * Highly effective, broad spectrum organic degradation capabilities
- * Wide range of formulating capabilities
- * Can be added by hand if necessary
- * Extensive stability and shelf life
- * Excellent for use with automatic pump systems



Degrades

Fats, Oils & Grease
Organics
Starches
Protein
Malodors
Animal Fat
Triglycerides
Foaming
Surfactants / Soaps
Chemicals

Product Advantages

FOG removal: Liftstation, Grease Traps
Lowers BOD in Industrial Pre-Treatment
Greatly reduces FOG
Enhances BOD/COD removal
Reduces hydrogen sulfide
Reduces sludge buildup
Changes biomass dynamics
Increases system efficiency
Breaks down fat & grease buildup
Eliminates malodors at their source
Contains no chemicals
Degrades a wide range of complex organic compounds

Applications of Use

Lift stations, Wet wells Septic Tanks
Grease Trap & Drain Maintenance
Odor Control
Industrial Pre-Treatment
Digesters & Aeration Basins
Oxidation Tanks
RBC's
Hard Surface Cleaners
Carpet and Fabric Care
RV's, Portable & Chemical Toilets
Animal Feedlot
Liquid Compost Accelerator
Wastewater Treatment Systems
Transfer Stations
Sewage Holding Tanks
Ships & Boats Septic Systems

Packaging of Product

MicroClear® FOGgone™
Liquid comes in
5-gallon Plastic pails or
55-gallon drums

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High Fats, Oil & Grease Liquid Formulation

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SPECIFICATIONS CHARACTERISTICS

Contents: 5 selectively chosen Bacillus strains plus Odor control fragrance

Form:.....liquid
 Color: (F).....amber
 Odor: (F).....fresh
 Viscosity.....cps at 70F=20cps
 Spec. Grav.....1.01 +/- .1
 pH.....7.0 +/- .5
 Flash Point.....none
 Shelf Life.....24 months

- * Protein digesting bacteria
- * Starch digesting bacteria
- * Cellulose digesting bacteria
- * Fat, Oil & Grease digesting bacteria

Degrades

- Fats, Oils & Grease
- Organics
- Starches
- Protein
- Malodors
- Animal Fat
- Triglycerides
- Surfactants / Soaps
- Chemicals

Storage & Handling

Storage.....Store in a cool, dry place. Do Not Freeze
 Container.....Keep lid closed on Plastic Pail.
 Handling.....Wash hands thoroughly with warm, soapy water

Bacterial Count

MicroClear® FOGgone™

Has an undiluted bacterial count of 200 billion cfu's per gallon.



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First product is MicroPuck™.

This product is for drop into toilets, septic tanks, etc.

SPECIFICATIONS:

Tablet Weight: 48gr

Tablet Shape: Round

Tablet Size: 1-7/8" D x 11/16" H

Fragrance: Lemon (only available scent)

Color: Neutral

Packaged 140pcs/carton (estimated) Tablets last 28-35 days

Your Cost: \$189.00 per box of 140 approx.



Next Product is MicroBlock™ Application Sewer, Lift Stations, Grease Traps & Wet Wells

DOSAGE RATE GUIDELINES

1 - lb. MicroBlock™	Floor drains / grease traps only	30-65 Days	less than 1000g for grease drains
2 - lb. MicroBlock™		35-60 Days	Liftstation flows less than 50,000 gpd
5 - lb. MicroBlock™		45-75 Days	Liftstation flows 50,000-100,000 gpd
10 - lb. MicroBlock™		60-90 Days	Liftstation flows >100,000 gpd

Specifications: in 1, 2, 5, or 10 lb. solid blocks

1-lb. MicroBlock™ = 16 per case count

Your Cost: \$320.00 per case

2-lb. MicroBlock™ = 4 per case count

Your Cost: \$125.00 per case

5-lb. MicroBlock™ = 4 per case count

Your Cost: 333.36 per case

10-lb. MicroBlock™ = 4 per case count

Your Cost: \$575.00 per case

