



Jeb Bush
Governor

John O. Agwunobi, M.D., M.B.A.
Secretary

August 18, 2003

Mr. Richard Kinzie
Kinzie & Payne Biochemical Corp.
2507 Samford Ave.
Shreveport, LA 71103 USA

Dear Mr. Kinzie:

This letter is to acknowledge receipt of the information concerning the product "**Bio-Clean**" for statewide use in Florida. No product sold in the state for use in onsite sewage treatment and disposal systems may contain any substance in concentrations or amounts that would interfere with or prevent the successful operation of such system, or that would cause discharges from such systems to violate applicable water quality standards, section 381.0065(4)(m), Florida Statutes.

The staff has reviewed the information provided in the MSDS, 96-hr LC₅₀ toxicity test results, and laboratory results on volatile organic compounds for the product. The department has determined that the reformulated product "**Bio-Clean**", is in compliance with s. 381.0065(4)(m), F.S. and has no objection to the use of the product in accordance with manufacturer's specifications. Please be advised that all rules pertaining to the use of the products shall be observed and that there shall be no advertising of the products as state approved.

Be advised that the department is not a testing agency and that this determination reflects only a review of the information submitted by you for compliance with Florida Statutes and Florida Administrative Code. The product evaluation does not investigate the validity of performance claims by manufacturers. For this reason, departmental acceptance must not be interpreted as certifying effectiveness, endorsing or recommending use of an additive. The Florida Department of Health also does not assume liability for any promise, guarantee or expectation from purchasing or using an additive. The department reserves the right to withdraw acceptance if product formulation or ingredients are modified after product evaluation by the department or subsequently found not to be in compliance with rule.

This letter of product compliance is limited to Department of Health jurisdictional circumstances as defined in Chapter 64E-6, Florida Administrative Code and Chapter 381.0065, Florida Statutes.

If we may be of further assistance or should you have any additional questions regarding this letter, please call Dr. Sonia Cruz at (407) 317-7325.

Sincerely,

Gerald Briggs, Chief
Bureau of Onsite Sewage Programs



BIO-CLEAN®



Read & Follow Directions!

Clean Gene

1. HOME DRAINS

(For Instructions See Container)

Special Cases

- **Totally blocked pipe:** Get the drain to take water using plunger or cable. Then follow instructions on container. If it cannot be cabled, add 1 Tbsp. in 1 pint of water each day. Plunge once per day. Since the bacteria must eat through the length of the blockage this could take days or even weeks (but that's better than replacing your pipes!).
- If extended treatment and plunging don't restore full flow, some inorganic matter (e.g. toy, glass, toothbrush, bobby pins) is in the line and will have to be removed manually.
- When garbage disposal, dishwasher or washing machine is connected to

thick OR more than 12 inches build-up on the bottom, pump first. Break up crusts less than six inches and slosh initial treatment over the top.

- Wait 2 -3 weeks after pumping before adding product.
- Many household products kill the bacteria your system **MUST HAVE**. Please ask the company you purchased Bio-Clean from for the leaflet "How To Stop Killing The Biological Action In Your Septic System/Cesspool". Using biodegradable cleaners helps your tank/cesspool work better.
- If You Have Well Water: Acid water is very detrimental to biological action and plumbing. You can prevent costly repair bills by contacting us if you have acid well water.

4. SEPTIC FIELDS

Absorption fields may be restored by treating the distribution box. For every 50 LINEAR ft. of lateral pipe add 1 lb. Bio-Clean mixed with 2 gals. water. Repeat every 3 to 4 weeks until surface water is gone. If there is no distribution box, contact your plumbing professional for directions.

Nothing is more effective for biodegrading waste in septic systems than Bio-Clean. But no product can fix

septic: One Tbsp. of Bio-Clean in 1 pint water should be added each WEEK to each of these drains.

- Very hard water causes slime in toilet tanks. To eliminate add 2 Tbsp. as needed. Do not flush for several hours.

2. GARBAGE DISPOSAL ODORS

Mix 1 tablespoon Bio-Clean with 1 pint water. Turn on disposal. Dump mixture in and quickly turn off disposal. Do not use for several hours. Repeat as needed.

3. SEPTIC TANKS, CESSPOOLS

INITIAL TREATMENT

From the chart below determine the amount of Bio-Clean for your tank. Each week for four weeks add product to the toilet and flush.

Tank Size	Amt. Bio-Clean
500 gallon	1/2 cup
1,000 gallon	1 cup
1,500 gallon	1 1/2 cups

MAINTENANCE TREATMENTS

Add 1 cup of Bio-Clean monthly. Pour product into toilet and flush.

Special Cases

- If you have backups, ponding, or odors you may need to pump **BEFORE** adding Bio-Clean. Check your tank. If it has a hard crust more than six inches

mechanical problems. We recommend Bio-Clean as part of a program of preventative maintenance which includes regular inspection of the tanks and baffles, and the proper use of water and drainage systems.

5. CAT BOX ODORS, RV'S, BOATS AND outhouses

Cat litter boxes: Sprinkle 1/8" Bio-Clean in bottom of pan. Add litter. Sprinkle another 1/8" on top. Add more as needed.

Motor Homes, Boats: After first use of facilities, sprinkle 1 Tbsp. into the toilet (2 Tbsp. for 3 or more people). This will last until tank is full (up to 5 days). If an odor is noticed before dumping occurs, an additional 1 Tbsp. may be used.

Outhouses (Residential): Mix 1 cup of Bio-Clean in 1 gal. water. Pour over the waste using a sprinkling can. Keep waste wet by spraying periodically with clear water. Treat once a month with 1/2 cup of Bio-Clean in 1/2 gal. of water.

Ask your plumber about directions for commercial use.

Distributed by:
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