BIO-LAST® COMPLETE

Powdered Bacteria/Enzyme Drain Maintainer and Sewage Treatment

Read the entire label before using this product. • Si usted no entiende esta etiqueta, pida a alguien que sepa inglés que se la explique completamente antes de usar este producto.

- **Degrades a wide range of organic compounds**
- **Contains facultative anaerobes that degrade with or without oxygen**
- **Will not harm pipes or plumbing fixtures**
- **Reduces frequency of pumping in grease traps and septic tanks**
- **Reduces solids in leach fields**
- **Easy to use**
- **Degrades solid organic material to keep drains open**
- **Penetrates through slow-running drains**
- **Aids in reducing the amount of back-ups, rodding and snaking of lines**
- **Helps control odors**
- **Contains no caustics or acids**

This product is a specialized blend containing billions of aerobic and facultative anaerobic microorganisms. It is a natural, organic treatment that goes to work immediately upon application to liquefy and digest organic wastes and grease and control odors. The bacteria in this product produce various enzymes that include amylase (starches), lipase (fats, oil and grease), protease (proteins), and cellulase (cellulose).

Suggested Application Areas: Restaurants, Laundries, Hospitals, Food and Meat Packing Facilities, Hotels/Motels, Commercial and Industrial Kitchens, Residences, Athletic Facilities, Schools, Nursing Homes, Municipal Sewage and Poultry Houses Facilities

Suitable for use as a biological sewer and drain cleaner in U.S. Federally inspected meat and poultry plants.

DIRECTIONS FOR USE: NOTE

1. Do not expose to extremes of low or high temperature. Store in a cool, dry area. Always keep the container tightly closed when not in use.
2. Do not use product in conjunction with bleach, disinfectants or other drain chemicals, as these will inactivate the bacteria/enzymes.
3. Apply during period of lowest flow. Treat lowest levels of a system first to prevent blockage by material released from higher levels.
4. In cases where the sewage treatment system is coming on line for the first time or where the system is recovering from toxic shock, the maintenance doses may need to be doubled or tripled until the bacterial colonies are well established.

NET WEIGHT: _____

Initial Treatment: Double the amount called for in the maintenance treatment chart.

Maintenance Treatment	
Dishwashers (scrapper drain):	2 Tablespoons Weekly
Garbage Disposals:	2 Tablespoons Weekly
Ice bin drains:	1 Tablespoon Weekly
Lavatory sinks:	1 Tablespoon Weekly
Mop sinks:	1 Tablespoon Weekly
Prerinse (vegetable) sinks:	1 Tablespoon Weekly
Refrigerator drains:	1 Tablespoon Weekly
Serving line drains:	1 Tablespoon Weekly
Vegetable peelers:	1 Tablespoon Weekly
Urinals:	1 Tablespoon Weekly
Beverage dispenser drains:	1 Tablespoon Weekly

I. MUNICIPAL SEWAGE TREATMENT, ANAEROBIC SLUDGE DIGESTERS, PONDS, LAGOONS, AND TRICKLING FILTERS: Product can be applied as a liquid by mixing 1 gallon warm tap water and 1 gallon influent water for every pound of powdered product. Mix and allow to stand at room temperature for 1 to 4 hours before adding to the system. This method will pre-acclimate (activate) the bacteria in the presence of nutrients. Dry product can also be added directly to the system.

II. MAIN SEWER LINES, DRYING BEDS, SEPTIC TANKS AND CESSPOOLS: Product can be applied as a liquid by mixing 2 gallons warm tap water for every pound of powdered product. Mix and allow to stand at room temperature for 1 to 2 hours before adding to the system. This method will pre-acclimate (activate) the bacteria in the presence of nutrients. Dry product can also be added directly to the system.

III. GREASE TRAPS AND LIFT STATIONS: If the trap is heavily fouled, with reduced flow, it is recommended that the trap be pumped and jetted before product application. Product can be applied as a liquid by mixing 1 gallon of warm tap water for every pound of powdered product. Mix and allow to stand at room temperature for 1 to 4 hours before adding to the system. This method will pre-acclimate (activate) the bacteria in the presence of nutrients. Dry product can also be added directly to the system. For systems of less than 500 gallons capacity add 1 pound of product each day. After the system is cleaned, add 0.5 pound weekly thereafter. For systems of 500-1,000 gallons capacity add 1.5 pounds of product each day and 0.75 pound weekly once control is achieved. For systems greater than 1,000 gallons, add 2 pounds initially and 1 pound weekly thereafter.

IV. WASHBASINS AND SHOWER STALLS: Product can be applied as a liquid by mixing 1 tablespoon of product with 8 fluid ounces warm water and allowing to sit at room temperature for 30 minutes to 1 hour before adding to the system. Treat each unit once per month. Dry product can also be added and followed with 8 fluid ounces warm water.

V. DISHWASHING SINKS, POTWASHING SINKS AND FLOOR DRAINS: Product can be applied as a liquid by mixing 1 tablespoon with 8 fluid ounces warm water and allowing to sit at room temperature for 30 minutes to 1 hour before adding to the system. Treat each unit each night during the period of lowest flow in the drain. Dry product can also be added and followed with 8 fluid ounces of warm water.

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Gallons/Day Flow	Pounds of Product	Gallons/Day Flow	Pounds of Product
1,000	1	100,000	33
5,000	3	250,000	36
10,000	6	500,000	39
20,000	9	750,000	42
30,000	12	1,000,000	45
40,000	15	1,250,000	48
50,000	18	1,500,000	51
60,000	21	2,000,000	54
70,000	24	2,500,000	57
80,000	27	5,000,000	60
90,000	30		

WARNING

CAUSES EYE IRRITATION

Contains Triacylglycerol lipase and bacteria spores. Wash face, hands, and any exposed skin thoroughly after handling.

FIRST AID

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.

KEEP OUT OF REACH OF CHILDREN

See the Safety Data Sheet for more information.

For medical or environmental emergencies, call CHEMTREC® at 1-800-424-9300.

Not for Resale

MADE IN THE U.S.A.

4403MGBA

1M406

DISPOSAL
Dispose of contents and container in accordance with applicable regulations.

CSPA Product Care®

TO REORDER, Call TOLL-FREE:
1-800-527-9919
FAX: 972-438-0634

QUALITY ISO 9001 ASSURANCE

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