

- **High Bacteria Count**
- **Blend of 4 Bacteria Strains**



- **Excellent for Drains and Grease Traps**

**LIQUID BACTERIA ENZYME**

# LIQUID BACTERIA

**TECHNICAL DATA SHEET**

**DESCRIPTION**

For Grease Traps, Septic Tanks, Lagoons & Ponds, Waste Treatment Plants, Cement Vault Toilets, Drain Lines & Down Pipes, Recreational Vehicles.

**DIRECTIONS**

**GREASE TRAPS:** For best results, start treatment immediately after the grease trap has been pumped. Add directly to the grease trap 1 qt. per 25 cu. ft. capacity. 24 hours later begin preventive maintenance schedule: At the close of business, run lukewarm water down each drain leading to the grease trap for 5 seconds to clear the line of any harsh chemicals which will reduce the biological activity in the product. Dilute 1 pint in enough lukewarm water to pour approximately 1/2 pint of the dilution down each drain. Let mixture stay in the drains overnight. For traps that have been in use where a top crust is visible, add 1 qt. per 25 cu. ft. capacity directly to the grease trap. Repeat every 3-4 days until the top crust disappears and then begin the preventive maintenance schedule.

**DRAIN LINES & DOWN PIPES:** Add 8 oz./in. diameter of drain directly to any drain and 2 oz./in. diameter of drain twice a week thereafter. To treat lines and pipes, begin on the first floor and proceed upward as the condition is brought under control.

**CEMENT VAULT TOILETS:** Add 1 gal. directly. If necessary, add water to cover the solids. Use 1 pint each week. Make sure the waste surface is kept moist.

**SEPTIC TANKS:** Use 1 pint per 25 cu. ft. capacity for the initial dose. Pour into toilet and flush. Thereafter, use 8 oz. per week. If the septic tank has become clogged and odorous, add 1 gal. directly to the septic tank. After the tank functions properly, begin preventive maintenance schedule

**LAGOONS & PONDS:** Use 3 gal. per million gallons of daily flow for 7 days, 2 gal. for the next 7 days and a preventive maintenance dose of 1 gal. per million gallons of daily flow each day thereafter. It may be necessary to increase the application rate if the lagoon or pond has surface crust.

**WASTE TREATMENT PLANTS:** Use 3 ppm for the first 7 days, 2 ppm for the next 7 days followed by a daily preventive maintenance dose of 1 ppm. Add at a point to give the longest detention time in the plant. The collection system can be treated at this same schedule. However, make sure that the plant is operating properly before treating the collection system or the plant may receive more waste than it can handle.

**RECREATIONAL VEHICLES:** Add 2 oz. per gal. of water in the toilet holding tank. Thereafter, use 1 oz. per gal. as needed. Repeat after every clean-out. For use at a dump station, add 1 gal. per 50 gallons of tank capacity followed by 1 pint per week. Repeat after every clean-out.

**CARPETS:** Test for colorfastness first. To eliminate odors resulting from organic waste, dilute 1 to 1 with warm water, let soak for at least 30 minutes and rinse thoroughly. May also be used in bonnet or extraction cleaning equipment by adding 1 qt. to a rinse tank.

**BATHROOMS:** Dilute 1 to 10 for general cleaning of floors, walls, toilets, and urinals. For odor control, dilute 1 to 2 with warm water and spray in and around urinals, toilets, and other problem areas.

**SAFETY**

**CAUTION:** Refer to M.S.D.S. and product label for additional safety information.

**PRECAUTIONS**  
It is recommended that protective gloves and glasses be worn when using this and all cleaning products.

**KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN**

**TYPICAL PROPERTIES**

pH..... 8.4  
 Specific Gravity..... 1.00  
 Appearance..... White milky liquid  
 Fragrance..... Pleasant

**Enzyme Activity:**  
 Alpha Amylase (starch degrading)  
 Lipase (fat degrading)  
 Protease (basic and neutral protein degrading)  
 Cellulase (paper degrading)

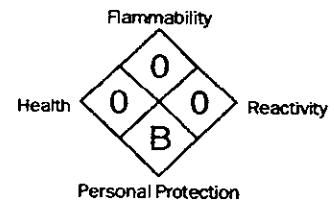
**Bacteria Type (100% Spores):**  
 Bacillus Laevolacticus  
 Bacillus Amyloliquefaciens  
 Bacillus Licheniformis  
 Bacillus Pasteurii

Bacteria Count..... 200 billion/gallon

USDA..... C-1

Kosher Certified

**HMIS RATING**



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*"Quality is Our Most Important Product"*