LIQUID ENZYMES

Contains spores and vegetative bacteria organisms specifically adapted for sanitary waste applications

CAUTIONARY INFORMATION

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

For Professional, Industrial and Commercial Use Only

Non-pathogenic • Non-toxic • Non-corrosive • Safe To Use

For plant problem solving and bioaugmentation to improve bioactivity, control odors, reduce foam, breakdown hard to digest wastes (paper, detergents, grease and oils), improve overall plant operation and reduce operating costs.

DIRECTIONS FOR USE:

Prior to using this product, refer to "Optimum Conditions for Use" on the right panel.

PACKAGE PLANTS

Activated Sludge: Apply **LIQUID ENZYMES** at the point of entry just prior to the aerated portion of the waste treatment plant according to the following table:

Plant Size	First Week	Maintenance
Up to 10,000 gpd	1 pint/day	1 pint/week
10,000-50,000 gpd	1 quart/day	1 quart/week
50,000 gpd or more	3 gallon/MGD	1 gallon/MGD

Aerobic Sludge Digesters: Initial Treatment: Use 1 gallon of **LIQUID ENZYMES** per 1,000 cu. ft. (approx. 7,500 gallons) of capacity in the digester once each week for 4 weeks. **LIQUID ENZYMES** should be applied through the sludge pump. Maintenance: Use 1 gallon of **LIQUID ENZYMES** per 1,000 cu. ft. each month. Note: For badly overloaded system with heavy foam and poor settling, double initial treatment and extend use for an additional 4 weeks.

LAGOONS: Initial Treatment: Use 1 gallon of **LIQUID ENZYMES** per million gallons of capacity on a daily basis for 1 week. Apply directly to lagoon or to the sludge pump. Wet well several days before transfer to lagoon. Maintenance: Use 1/2 gallon per million gallons once per week.

SEPTIC TANKS: Commercial or Industrial: Use 1 gallon of **LIQUID ENZYMES** for each 1,000 gallon tank or for each 75-100 people. Re-treat with 1/2 gallon for each 1,000 gallon tank per month or more often as needed. Home Use: Pour 1/2 cup into toilet and flush. One week later use 1/4 cup and flush. Re-treat with 1/4 cup each month thereafter.

OPTIMUM CONDITIONS FOR USE:

The bacteria found in **LIQUID ENZYMES** are living organisms. They require certain conditions to remain viable, multiply and perform as they should. As an aid to good biological activity, the following parameters should be maintained:

Dissolved Oxygen2 ppm; 0.5 ppm minimum
Temperature: .. 60˚F-100˚F; 85˚F optimum
pH ..... 6.5-8.5; 7.5 optimum
Nitrogen, as NH_3-N ..... 1 ppm
Phosphorus, as PO_4 ..... 1 ppm

If use conditions are not maintained, positive results with **LIQUID ENZYMES** cannot be expected.

OTHER APPLICATIONS: LIQUID ENZYMES has proven to be effective in controlling gas, fats, oils, and organic deposits in grease traps, trickling filters, feeder lines, imhoff tanks, sinks and drains.

STORAGE AND HANDLING: Store in cool, dry place. Reseal after each use. DO NOT FREEZE or OVERHEAT. Wash hands after use. Care should be taken not to get product into open wounds.