



# ENZYMES 300

**Extra High Potency Dried Bacteria Cultures With Enzymes**

**\*Each Batch is CERTIFIED SALMONELLA FREE**

*Minimum of 3 billion colonies of anaerobic,  
aerobic and facultative bacteria per gram*

Contains the necessary specific enzyme systems for the effective digestion and liquefaction of all normal sewage wastes and solids such as proteins, starches, carbohydrates, animal and vegetable fats and oils and paper. In addition **ENZYMES 300** contains both aerobic and anaerobic bacteria as well as microbial nutrients, vitamins, minerals and amino acids.

Specially formulated for use in sewage treatment plants, **ENZYMES 300** utilizes the power of natural waste digesting organisms to accelerate plant operation and increase waste handling capacities. A high potency blend, **ENZYMES 300** introduces huge numbers of beneficial bacterial and digestive enzymes to stimulate the natural digestive process. It contains the necessary enzymes for the effective liquefaction of all normal sewage wastes and solids, including proteins, starches, carbohydrates, fats, oils and paper. In addition, **ENZYMES 300** contains both aerobic, facultative and anaerobic bacterial as well as microbial nutrients, vitamins, minerals and amino acids to promote rapid bacterial replication. **ENZYMES 300** was specially formulated to correct the problems most common to sewage treatment plants, lagoons, septic tanks, cesspools, drains and grease traps. Regular use corrects digester troubles, eliminates offensive odors and grease problems keep sewage lines, lift stations and sumps open, reduces scum and increases the capacity of overloaded sewage systems. **ENZYMES 300** is non-caustic and non-corrosive, it will not attack metals, porcelain finishes on toilets, sinks and tubs, nor any other material commonly used in drains, lines or sewage systems.

## Directions:

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For digesters, settling tanks, primary digesters and imhoff tanks: Use 1 pound of **ENZYMES 300** per week for each 1000 cubic feet (approximately 8000 gallons) of tank capacity. When a heavy scum blanket or grease layer is present in the primary digester, use a 'slug' treatment of 1½ pounds of **ENZYMES 300** per 1000 cubic feet of capacity, repeat every other day until the scum or grease layer shows definite signs of degreasing, then drop to the 1 pound per week rate. Preventative maintenance of septic tanks, cesspools, holding tanks and pit toilets; pour ½ cup into toilet and flush into system. Septic tank ¼ cup every 2 weeks. Grease traps & drains ½ cup followed by 2 cups of warm water.

The use of **ENZYMES 300** as a regular preventative maintenance program is more effective, efficient and economical than having to correct sour digesters or plugged lines. For this application, the following recommendations are proven to be of value in preventing or eliminating trouble:

### Population Served by Sewer Systems Amount of Enzymes 300 to Use

500-1000	3 pounds per week
1000-3000	4 pounds per week
3000-5000	5 pounds per week
5000-10,000	6 pounds per week

In any initial program, a 'slug' treatment will be necessary, depending upon sewage flow, type, nature and percentage of solids. For completely blocked sewer lines and drains, add 2 pounds of **ENZYMES 300** and allow it to act overnight. In most instances, this will open the drain or line sufficiently to allow liquid drain openers or sewer compounds to act to clear the drain or line.