EN-ZIP

SEWER DIGESTANT WITH ENZYMES

SPECIALLY FORMULATED FOR USE IN SEWAGE TREATMENT PROCESS

INCREASE SYSTEM CAPACITY AND EFFICIENCY FOR TROUBLE-FREE OPERATION

ALL NATURAL-SAFE TO USE

DESCRIPTION

This product utilizes the powerful waste digesting abilities of natural enzymes and bacteria. It is a blend of special bacteria strains (both anaerobic and aerobic types) cultured for their ability to digest and liquefy organic sewage – quickly, efficiently and without odors! These potent bacteria are combined with natural enzymes to immediately break down all types of organic waste for effective digestion. Regular applications are necessary to replenish the beneficial bacteria and minimize growth of unwanted bacteria that produces odors and noxious gas.

These beneficial bacteria cultures are vastly superior to naturally occurring bacteria in digesting waste. Treated systems will reduce BOD and COD faster and more efficiently, enabling the system to treat higher volumes of waste and meet stringent effluent quality requirements. It will help the treatment system to resist temporary disruptions caused by toxic influent, while reducing odors and sludge volume. In both aerobic and anaerobic sludge digesters, digestion is more complete for less volume, easier dewatering and higher nutrient value.

Regular additions of this product, when utilized as part of a preventative maintenance program including inspections by trained professionals, will keep waste handling systems in peak operating condition.

In smaller treatment plants, add to:Settling Tanks: Use 1 to 2 pounds per week per each 1000 cubic feet of capacity. Imhoff Tanks: Use 2 pounds per week for each 1000 cubic feet of tank capacity.

Distribute over surface of solids beneath gas vents, then agitate by paddle or hose.

Lagoons, Oxidation Ponds, Polishing Ponds: To reduce odors and sludge build-up and improve clarification, use 1 to 2 pounds weekly per 50,000 gallons of capacity. Disperse the digestant over the water or add through a wet well.

WET WELLS, LIFT STATIONS, SEWER MAINS AND LATERALS: Add 1-1/2 pounds per 500 cubic feet directly into wet well. Digestant must get into liquidin order to activate. Treat laterals during periods of low flow. For each 500 feet of length, use 1 pound of digestant per 8 inches of pipe diameter.

DIRECTION

The dry bacteria cultures and enzymes in this formula muat be activated in warm water (85-100 F.). DO NOT USE HOT WATER! Pour slurry into waste stream at a point where adequate mixing will be achieved.

SEWAGE TREATMENT PLANTS: Use in all treatment processes where digestion (biological oxidation) takes place. The usual first point of addition is immediately after the primary clarifier. Add to liquid waste between the primary clarifier into the secondary treatment system.

Trickling Filters: Use an initial treatment of 40lbs (or 6 to 12 pounds/million gallons of daily flow) through wet well or syphon tank. Repeat in 48hrs, For Maintenance, use 3 to 6 pounds weekly per million gallons of daily flow.

Oxidation Tank: In aerated tanks, use 3 to 6 pounds for each million galons of liquid sewage. Because of the efficiency of these bacteria, residence time in oxidation may be reduced accordingly, sludge must be treated separately from the liquid waste after the primary clarifier.

Aerobic Digester: Use 2 lbs per week per 1000 cubic feet of sludge. When a heavy scum blanket or grease layer us present, double the treatment amount.

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