

# Odor End-Zyme

TRIPLE ACTING Enzyme Producing Bacteria for ODOR CONTROL

Product # 479

## DESCRIPTION

**Eats Up Organic Residues.** One of the most important steps in odor control is removal of the source of odors. Odor End-Zyme uses a blend of enzymes specially selected to handle organic residues, the most troublesome of odor sources! Since Odor End-Zyme eliminates these residues, it often also removes some of the staining that is due to the presence of those organic products.

**Odor End-Zyme** digests and liquefies organic waste, grease and food by-products. It digests the odors and their source the way nature does. Leaves a pleasant fresh smell, is non-polluting, harmless to animal and marine life, reduces suspended solids, non-corrosive and upgrades the effluent quality.

**Odor End-Zyme** is a live bacteria/enzyme culture which eliminates and controls malodor and helps maintain the easy flow of drain lines, down pipes and sewage systems.

**Odor End-Zyme** processes waste material, then builds a colony population of bacteria and go dormant. When new waste come into their presence the bacteria swing back into action and processes it. As long as you continue the treatment the colony will stay and keep working and processing wastes.

## USAGE

**RECOMMENDED FOR:** Hospitals, nursing homes, prisons, schools, apartments, funeral homes, kennels, clinics, grease traps, industries, drain lines, down pipes, porta-toilets, septic tanks, recreational vehicles, carpets, rest rooms, marinas, dump pump, wet wells.

## DIRECTIONS

**General Odor Control:** To eliminate odors caused by vomit, spoiled foods, decomposed animals, animal waste in areas as garbage cans, waste receptacles, locker rooms, carpets, etc.: Simply remove as much of the source as possible with the usual cleaning methods and spray Odor End-Zyme to the residues for complete deodorizing. Allow the bacterial action to ingest the material while the pleasant fragrance immediately neutralizes the odor.

**Carpet Deodorizing:** 1) Spot clean and vacuum carpet thoroughly. Mix ½ to 1 pint product per gallon of water. Apply with pump or hand sprayer. Keep moist at least 30 minutes. Repeat if odor persists. 2) Use in conjunction with carpet cleaning equipment and methods, including tank, brush, bonnet and extraction cleaning.

**Smoke Damage:** Clean affected areas completely with *Sani-Zone Disinfectant Cleaner* and hot water. Remove all evident sources of odor and organic material. Apply *Odor-End Zyme* directly to surfaces almost to the point of run-off with pump sprayer or electric mister. Ventilate area for several hours after application. Use high volume exhaust fans to remove stale air and bring in fresh air.

### Municipal Waste Processing Plant & Sewage Systems

When applied to municipal waste processing plants and sewage system, this product will reduce Hydrogen Sulfide, Biological Oxygen Demand (BOD) and Chemical Oxygen Demand (COD). For best results, apply to wet well which is the last point where the sewage is pumped for distribution (or the first point where it enter the plant).

If waste processing plants and sewage systems do not have wet wells and have only settling tanks, apply directly to setting tanks for these types of systems. Many problems often arise in other areas of waste treatment plants. For example if a problem should exist in the digester or the trickling filter it is recommended that it be applied directly to that area. Use on a 3 to 1 ratio for the first 3 days ( 3 gallons to each 1 million gallons of flow per day). After the 3<sup>rd</sup> day a ratio of 1 part per million should be used on a regular daily schedule.

**Food Processing & Industrial Manufacturing Plants:** There are many processing plants and industrial manufacturing plants that have ponds, lagoons and other retention areas. These plants should be using this product for treatment and there after 1 part per million.

**Porta-Toilets:** Add 1 gallon (4 quarts) directly and cover the solids to aid digestion. Every time the toilet is pumped, start treatment again with 1 gallon of product.

**Recreational Vehicles & Boats:** Add 2 oz. Per gallon of water in hold tank. Thereafter, use 1 gallon as needed. For use at a dump station, add 1 gal. per 50 gallons of tank capacity. Then use 1 pint per week for maintenance.

**Septic Tanks:** Add 2 pints per 25 cu. ft. capacity for the initial treatment. Thereafter, use 8 oz. per week. This product may be poured directly into a toilet and flushed. If septic tank has become clogged and odorous, add 1 gallon of product directly to the tank through the manhole.

**Grease Traps:** For traps less than 20 cu. ft. capacity, add 4-5 oz. of product daily by pouring into a sink or pipeline closest to the trap. This should be done at night or when the traps are used the least. After adding, flush down with a cup of lukewarm water. For grease traps larger than 20 cu.ft add 8-10 oz. daily using the same procedure.

**Drain Lines & Down Pipes:** Use product a minimum of 2 times weekly, to a maximum of 4 times depending on the usage of the building. Add 4 oz. of the product for each 2 inches of pipe size by pouring directly into the drain pipe. Begin on the lowest floor and work up one floor at a time. When top floor is reached, continue treatment from the top floor only.

## PRODUCT SPECIFICATIONS

<b>APPEARANCE</b>	Milky white liquid
<b>FRAGRANCE</b>	Floral
<b>FOAMING</b>	None
<b>BIODEGRADABLE</b>	Yes
<b>EMULSIFICATION</b>	Yes
<b>PHOSPHATES</b>	None
<b>FLASH POINT</b>	None
<b>WATER SOLUBILITY</b>	100%
<b>pH RANGE</b>	5.0 - 8.0
<b>SHELF LIFE</b>	1 Year plus in unopened container
<b>PACKAGING</b>	55, 35, 15 gallon drums 5 Gallon pails Cases of 6/1 and 4/1 gallon jugs

## SAFETY INFORMATION

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

Avoid all contact with open wounds. Keep container closed when not using. Keep out of direct sunlight. NOTE: Do not subject product to extremely hot or boiling water.

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