

- DRAINS
- GREASE TRAPS
- SEPTIC TANKS
- RECREATIONAL VEHICLES
- SEWER LINES
- LIFT STATIONS
- DIGESTORS
- SETTLING TANKS
- IMHOFF TANKS
- TRICKLING FILTERS

## FEATURES

**MARC MICRO-ZYME** is a unique combination of non-pathogenic natural aerobic and anaerobic bacteria plus free enzymes and emulsifiers for fast action against all types of organic wastes. It quickly breaks down protein, fat, grease, starch, carbohydrate and cellulose materials. It eliminates undesirable odors, as well as having its own pleasant fragrance. **MARC MICRO-ZYME** will not attack metals or plastics. It is non-corrosive and non-flammable.

The free enzymes in **MARC MICRO-ZYME** allow the product to go to work immediately, while the bacteria become established and multiply for long term performance.

Use of **MARC MICRO-ZYME** will open up drain lines and keep them free flowing. It will liquefy materials in grease traps and septic tanks. In sewer treatment plants it will reduce the volume of solids, the B.O.D. and the suspended solids. In lagoons it will reduce sludge accumulation, improve clarification and control odors.

Although **MARC MICRO-ZYME** contains a unique stabilization system, do not store at freezing or hot temperatures.

## DIRECTIONS FOR USE

Contents should be thoroughly mixed before using.

**DRAINS, SINKS, TOILETS, URINALS:** Use 4 ounces (1/2 cup) once a week and allow to work overnight. For large kitchen, floor and laundry drains use 8 ounces (1 cup) every other day. For best results, add during period of lowest flow, such as at night. **Treat lowest floor first and proceed upward.** Do not use with very hot water, caustic drain openers, bleach or disinfectants, as these will destroy bacterial action.

**GREASE TRAPS:** Add one quart per 25 cubic feet (200 gallons) of capacity directly to the trap. As a preventive maintenance dose, add one pint per week thereafter.

Net Contents \_\_\_\_\_



# MICRO-ZYME

## NATURAL BACTERIA and FREE ENZYMES



- Contains Natural Aerobic and Anaerobic Bacteria
- Contains Free Protease, Amylase, Lipase and Cellulase Enzymes
- Controls Grease and Slime
- Fast Acting - Goes to Work Immediately
- Digests a Broad Spectrum of Wastes
- Destroys Odors
- Non-Pathogenic - Safe to Use
- Pleasant Fragrance - Easy to Use
- Contains No Acids or Caustics
- Environmentally Safe

**WARNING:** Contains bacterial cultures, enzymes and mixed emulsifiers. May cause allergic skin reaction. Causes eye irritation. May be harmful if swallowed. Do not get into eyes, on skin, in mouth or on to clothing. Wear eye and skin protection. Wash hands thoroughly after handling. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation persists, seek medical advice. If swallowed, seek medical advice if you feel unwell. Rinse mouth with plenty of water. If on skin, wash area with plenty of soap and water. Store in a cool, dry and well-ventilated area. Dispose of contents in accordance with all applicable local and regional regulations.

KEEP OUT OF REACH OF CHILDREN!

An Exclusive Formula of



**M-77**

MID-AMERICAN RESEARCH CHEMICAL CORP.  
P. O. BOX 927 COLUMBUS, NE 68602-0927  
800-228-8508

- LAGOONS
- SCHOOLS
- RESTAURANTS
- KITCHENS
- HOMES
- TRAILERS
- BUILDINGS
- TREATMENT PLANTS
- MUNICIPALITIES
- INDUSTRIES

## DIRECTIONS FOR USE (continued)

**SEPTIC TANKS:** Initially add one quart per 500 gallons of capacity. Use a monthly maintenance dose of 10 ounces the first month and 2 ounces per month thereafter. Drain fields and beds may be treated by adding the product directly to the distribution box.

**RECREATIONAL VEHICLES:** Add 2 ounces (4 tablespoons) per gallon of water in the holding tank. Thereafter, use one ounce (2 tablespoons) per gallon as needed. Repeat after each cleanout.

**SEWER LINES:** Use 4 ounces per inch of pipe diameter per block. (For example, use 32 ounces per block of 8 inch line.)

**LIFT STATIONS AND WET WELLS:** Initially add 2 to 4 gallons. Thereafter use 1 gallon weekly.

**PARK PRIVIES:** Add 2 gallons at beginning of season. Moisten solids if necessary. If odorous conditions develop, add 1 gallon every 14 days. At the end of the season, add 2 to 5 gallons per privy.

### -SEWAGE TREATMENT PLANTS-

**PRIMARY DIGESTOR:** Add 1 to 2 gallons per week per 50,000 gallons of sludge. Use a double dose for heavy scum or grease buildups.


**SETTLING AND IMHOFF TANKS:** Use 1 gallon per week per 50,000 gallons of capacity.

**TRICKLING FILTERS:** Initially use 3 gallons per million gallons of flow for 7 days. In extreme cases, use 10 to 20 parts per million the first day. As a preventive maintenance dose, add 1 gallon per million gallons weekly.

**LAGOONS AND PONDS:** Initially use 3 gallons per million gallons for 7 days, then 1 part per million weekly. Try to obtain even dispersion or add through a wet well.

In all cases, individual conditions may require additional or lesser amounts of **MARC MICRO-ZYME**.

Made in USA 

HMIS Ratings	Health	0	NFPA Rating	
	Flammability	0		
	Reactivity	0		

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