

# MICROZYME LIQUID

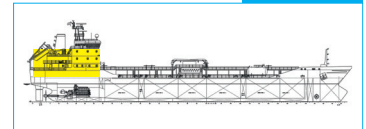
Environmentally Superior Sanitation Treatment and Cleaner

## Technical Information

### PHYSICAL DATA

Appearance:	Dark blue liquid culture Completely soluble in water, environmentally safe, completely biodegradable, Minimum aerobic bacterial count of 40 billion/gallon (3,785 liters)
Odour:	Lightly perfumed
Shelf life:	6 months to 1 year
Flash point:	none
pH range:	5,5 - 8,5

### USAGE AREAS



### DESCRIPTION

MICROZYME LIQUID is a concentrated blend of a liquid living aerobic and anaerobic bacteria specially selected for the unique ability to produce active enzymes which are required for degradation of sanitation wastes.

MICROZYME LIQUID, which is the fourth generation of bacteria sanitation treatments has been subjected to stringent antibiotic screening. MICROZYME LIQUID is naturally occurring and non-genetically engineered. Therefore, MICROZYME LIQUID is safe for usage under all types of applications.

With its unique ability to formulate bacterial strains which produce large amounts of amylase (starch), protease (protein), cellulase (cellulose), and lipase (grease), MICROZYME LIQUID if used on a routine basis will supplement the bacteria normally present and thereby degrade waste material more rapidly and with greater efficiency.

### ADVANTAGES

- Eliminates sanitation wastes, grease and fat accumulation
- Eliminates foul odors and deodorizes shipboard sanitation systems
- Eliminates the hazardous use of caustics and acid by utilizing an effective blend of concentrated surfactants
- Eliminates the need for manually cleaning sanitation system
- Eliminates emergency and costly piping repairs
- Prevents clogging and avoids any back-up throughout the shipboard system
- Maintains system for long term operational efficiency.
- Safe, non-caustic, non corrosive, non-combustible, non-toxic
- Bidegradable
- USDA approved for use in federally inspected food plants
- Approved by major sanitation system manufacturers

# MICROZYME LIQUID

## APPLICATIONS

MICROZYME LIQUID can be slug dosed or put directly into the sewage tank line (i.e. Marine Sanitation Device (M.S.D.), Collection, Holding and Transfer System (CHTS) or other types of holding tanks.) A more convenient method which ensures treatment throughout the system would be to apply the product directly to galley and toilet facilities (e.g. sinks, showers, commodes and scuppers). MICROZYME LIQUID with its specially designed surfactant system can be used as a neutral cleanser to replace harsh acid, caustic and bleach based products which are extremely detrimental to any type of biological system. Details of our automatic dosing system can be given to you by an Uniservice Unisafe service technician.

## DIRECTION FOR USE

1. A start up dosage of 1 gallon (3.785 liters of MICROZYME LIQUID per 1.200 gallons (4.542 liters) tank capacity and should be added directly to Holding Tank and be allowed a minimum of 24-36 hours after this initial application for the system to become properly activated.
2. Additional product should be added daily if used only as a tank treatment/cleaner in the amounts of 32 oz (1 liter) per 1.200 gallons of additional liquids.
3. MICROZYME LIQUID when used as a cleanser should be applied with about 3-4 ounces (75-100 ml) of product to each toilet, sink, drain in the same manner as with any previously used sanitorial type cleaner.

MICROZYME LIQUID performs within a pH range of 5,5 - 8,5 and at a temperature range of 10-44 °C (50-110 °F). Extreme variations of pH and temperature as well as wide shifts in either parameter over a short period of time should be avoided.

## STORAGE AND HANDLING

- Store in cool dry place
- Keep container closed when not in use
- Do not ingest
- Do not get in eyes
- Avoid prolonged skin contact
- For eye and skin contact, wash thoroughly with clean fresh water.
- UNIservice Global recommends that all supervising personnel and employees read Safety Data Sheet prior to using any product.

## IMPORTANT NOTICE

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.