



# TECHNICAL DATA MICRO-BAC® BIOLOGICAL WASTE DIGESTANT

## General Description

Micro-Bac® is a proprietary combination of biologicals and biochemicals used to accelerate biodegradation of wastes in municipal wastewater systems, ponds, and lagoons, and animal waste collection systems. It is effective on unsaturated fat, oil, starch, protein, and other biologically-derived waste. The metabolic processes of Micro-Bac® bacteria produce enzymes that break down targeted wastes. Micro-Bac® comes as a ready-to-use liquid formulation.

## Product Formula

Micro-Bac® includes multiple strains of facultative bacteria. These bacteria remain active in aerobic or anaerobic conditions.

## Product Specifications

Color	light pink to tan
pH	6.5 to 8
Weight per gallon	8.51 lbs.
Specific gravity	1.02
Freeze point	32°F
Viscosity	1.30 cps - 60°
Odor	mild

## Dosage

The technical staff of Micro-Bac International, Inc.® can provide dosage recommendations based on the design and volume requirements of the system to be treated.

## Application

Micro-Bac® can be applied manually or by metering pumps. Micro-Bac® performs within a pH range of 5 to 9, with best activity at a pH of 7. The temperature range for treatment with Micro-Bac® is 50°F to 110°F (10°C to 45°C).

## Handling and Safety

Micro-Bac® is a natural, non-pathogenic, non-engineered biological product that meets EPA requirements for release into the environment. Special clothing or equipment is not required for handling Micro-Bac®. Routine hygiene should be observed.

## Shipping

Micro-Bac® is shipped in two sizes: in 5-gallon containers (45 lbs.), and in 55-gallon containers (495 lbs.), F.O.B. Round Rock, Texas.

## Services

When the use of Micro-Bac® is indicated, Micro-Bac International, Inc.® provides technical support services to its customers.