



TECHNICAL DATA LACTO-BAC™

FOR DAIRY AND FOOD PROCESSING

General Description

Lacto-Bac™ is a proprietary combination of specially selected, waste digesters used to accelerate biodegradation of milk derived wastes. It is effective on unsaturated fat, oil, milk, starch, protein, and other processing derived waste. The metabolic processes of Lacto-Bac™ produce specific enzymes and biochemicals that break down targeted wastes into harmless byproducts. Lacto-Bac™ comes as a ready-to-use liquid formulation.

Product Formula

Lacto-Bac™ includes proprietary strains of facultative microbes which remain active in aerobic or anaerobic conditions.

Product Specifications

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

Lacto-Bac™ can be applied manually or by feed pumps. Lacto-Bac™ performs within a pH range of 5 to 9, with best activity at a pH of

7. The temperature range for treatment with Lacto-Bac™ is 50°F to 110°F (10°C to 45°C).

Handling and Safety

Lacto-Bac™ is a non-engineered biological product that meets EPA requirements for release into the environment and is approved for use in facilities regulated by the USDA. Special clothing or equipment are not required for handling Lacto-Bac™. Routine hygiene should be observed.

Shipping

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

Services

Micro-Bac International, Inc.® provides analytical and technical support services to its customers.