

BP-1700 Series

Foaming / Bulking Control | Powder

OVERVIEW

REX-BAC-T BP-1700 is the natural solution for controlling filamentous growth. Why control filamentous growth? The numerous negative aspects of filamentous bacteria include:

- Poor settling of activated sludge
- Increased foaming
- Increased polymer consumption
- Increased solids production

Foams and sludge on the surface of aeration and settlement tanks may reduce oxygen transfer efficiencies; prevent cooling of high temperature effluents and trap waste gases – all indicative of poor waste treatment. The organisms typically responsible for this unsightly mess are filamentous

bacteria like *Nocardia* and *Microthrix*. Controlling these filaments by chemical means is only a temporary fix as the organisms will eventually return.

Our BP-1700 is a selectively chosen bacterial consortium which will reduce foaming and promote better settling of sludge by destabilizing filamentous organisms, while also reducing FOG levels, a key food source of filamentous bacteria.

APPLICATIONS

- Wastewater plants
- Holding tanks
- Reactors and Contractors
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- Waste Pumps
- Oxidation ditches
- Lift stations
- Activated Sludge
- Lagoons
- Others

ADVANTAGES:

- Greatly reduces labor time
- Enhances BOD/COD removal
- Reduces hydrogen sulfide
- Degrades a wide range of complex organics
- Cost effective & easy to use
- Reduces sludge buildup
- Contains no chemicals

- Eliminates odors at their source
- Increases system efficiency
- Breaks down fat and grease buildup
- No special equipment needed

EFFECTIVE AGAINST

- PHENOLS
- CELLULOSE
- PROTEINS
- SURFACTANTS
- SOAPS
- FOG'S
- SLUDGE VOLUME
- STARCHES
- ODOR SOURCES
- BTEX
- AMMONIA
- CHEMICALS

STRAINS

MULTI-STRAIN SPORE BLEND

TYPICAL PROPERTIES

Appearance: Tan Powder

Form: Powder

Effective pH Range: 5.0 – 10.0

Fragrance: Mild

Shelf Life: 24 Months

Effective Temperature range: 34° - 120°F

BACTERIA CONCENTRATION

- 5.1 BILLION CFU/GRAM

PACKAGING (CONTAINERS)

- 30, 50, 100, 400 and 2000 lb. Containers
- Also available in 2 oz., 4 oz., 8 oz. and 16 oz. Water-Soluble Bio- Packets

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