



High-Strength Biological Booster for Industrial & High-Load Wastewater Systems

Advanced biocatalyst technology designed to accelerate organic waste breakdown, restore biological stability, and enhance performance in high-strength industrial, food processing, meat/poultry, and, rendering wastewater systems.

PRODUCT OVERVIEW

BioReact™ is a concentrated biological booster engineered for wastewater systems facing extreme organic loading, inconsistent influent, or frequent process upsets. Using Drylet's patented porous carrier technology, BioReact delivers high-performance microbes deep into sludge layers where biological activity is needed most. This results in faster solids reduction, improved biological recovery, and stabilized treatment performance — without enzymes or process changes. Ideal for daily use or as a fast-acting solution during shock conditions.



APPLICATIONS

- High-strength industrial wastewater systems.
- Food & beverage processing facilities
- Meat & poultry processing wastewater
- Rendering facility waste streams
- DAF and pretreatment systems
- Anaerobic digesters (as a booster during load fluctuations)
- Emergency/rapid recovery scenarios after biological upset

PACKAGING OPTIONS

Typical packaging includes:

- 25 lb pails
- 25 lb bags
- 50 lb bags
- 1,000-lb supersacks

SDS INFORMATION

A Safety Data Sheet (SDS) is available and should be reviewed prior to use. Refer to www.drylet.com for safety, handling, and storage.

HOW IT WORKS

BioReact™ uses Drylet's patented porous silica carrier to protect and deliver high-performance microorganisms directly into the sludge layer where they multiply rapidly. The carrier acts as a "microhabitat," shielding the microbes from toxic shocks, temperature swings, and hydraulic stress, allowing them to thrive and break down organic solids more efficiently. This targeted delivery results in more predictable biological activity and stable system performance — even under challenging conditions.

KEY BENEFITS

- Rapid biological response in high-load wastewater conditions
- Enhances solids reduction and sludge digestion
- Improves biological stability and accelerates process recovery
- Helps maintain compliance through improved effluent quality
- Delivers microbes directly to the sludge layer using patented carrier technology
- Safe for humans, animals, water, and aquatic ecosystems
- No enzymes, chemicals, or equipment modifications required
- Non-pathogenic, non-GMO, and independently verified

DOSING GUIDANCE

Dosing is based on influent characteristics, system size, and loading conditions. Contact Drylet for site-specific dosing recommendations.