

# DeFoam 3000

Wastewater Defoamer Designed for Biological Plants



DeFoam 3000 is a 100% concentrated defoamer, formulated to rapidly deflate foam by creating a monomolecular film. This film spreads across the water surface, quickly collapsing foam. DeFoam 3000 does not contain any emulsifiers, making it safe and effective in biological wastewater processes. It can be used in aerobic or anaerobic processes, wherever foaming is a concern.

DeFoam 3000 is composed of a concentrated blend of essential oils that works to quickly flatten the foam. Its concentration means even a small dose of DeFoam will take care of large amounts of foaming. For best results, apply directly to the surface of the foam. To get rid of foaming filaments like *Microthrix* and *Nocardia*, our Foam Buster and Qwik-Zyme L address the root cause of foaming and eliminate problematic filaments.

## Say No to Silicone Defoamers

Industrial defoaming agents are often silicone-based, and we strongly recommend against them in biological systems. The silicone formulas are harmful to bacterial life, and interfere with settling. DeFoam 3000 does not contain silicone, and works with your wastewater plant's biology.



DeFoam 3000 breaks the surface tension of foam bubbles to release trapped gases and eliminate foam.

Use DeFoam 3000 in:

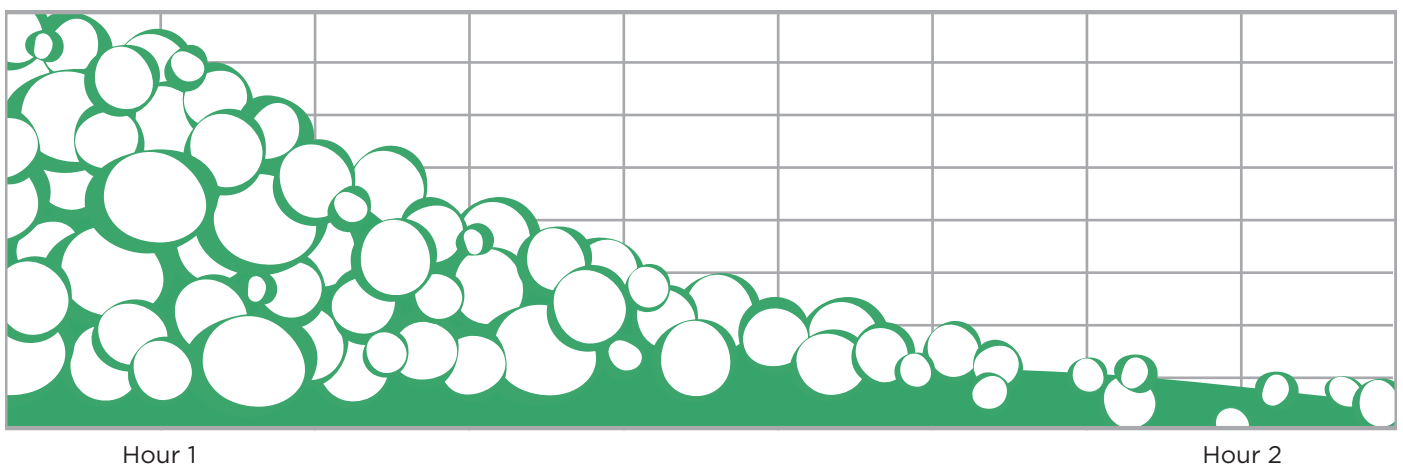
**Anaerobic  
Digesters**

**Aeration  
Basins**

**Anywhere  
with Foam**

## Figure 1:

DeFoam 3000, added at hour 1, works quickly to eliminate foam



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# Dose Rates

## DeFoam 3000



### DeFoam 3000 Dosing:

- Starts working immediately; brings foam under control within 1-2 hours
- Pour the product directly on top of foam, or as close as possible
- Typical applications will require reapplying every 8-24 hours
- Dose charts are a typical starting point; adjust as needed to meet desired results

### Available Sizes:

- 5 gal case
- 55 gal drum
- 275 gal tote

Wastewater Treatment Plant	
Daily Average Flow	Daily Dose
100,000 GPD	1 pt - 1 qt
500,000 GPD	1 qt - 1 gal
1 MGD	2 qt - 2 gal

Anaerobic Digester	
Digester Capacity	Initial Dose*
500,000 gal	1-5 gal
1,000,000 gal	5-10 gal

\*Contact your Technical Rep for assistance with maintenance dosing in anaerobic digesters.

### Notes:

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