**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.

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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.
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

<table>
<thead>
<tr>
<th>Daily Average Flow</th>
<th>Daily Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>100,000 GPD</td>
<td>1 pt - 1 qt</td>
</tr>
<tr>
<td>500,000 GPD</td>
<td>1 qt - 1 gal</td>
</tr>
<tr>
<td>1 MGD</td>
<td>2 qt - 2 gal</td>
</tr>
</tbody>
</table>

### Anaerobic Digester

<table>
<thead>
<tr>
<th>Digester Capacity</th>
<th>Initial Dose*</th>
</tr>
</thead>
<tbody>
<tr>
<td>500,000 gal</td>
<td>1-5 gal</td>
</tr>
<tr>
<td>1,000,000 gal</td>
<td>5-10 gal</td>
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*Contact your Technical Rep for assistance with maintenance dosing in anaerobic digesters.

### Notes:

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