



**PROTECT.
SUSTAIN.
PERFORM.**

NAMIA DeFoam

Defoamer Designed for Biological Wastewater Systems

NAMIA DeFoam is a 100% concentrated formula designed to eliminate foam rapidly by producing a monomolecular film. This film is spread across the water surface, causing the foam to collapse quickly. NAMIA DeFoam is safe and effective in biological wastewater processes since it does not include any emulsifiers. It can be applied in aerobic or anaerobic processes to control foam formation.

NAMIA DeFoam is created using a concentrated mixture of vital oils that swiftly reduces foam. Due to its potency, even a small amount of NAMIA DeFoam can tackle significant amounts of foaming. To obtain optimal results, it should be administered directly onto the foam surface.

Avoid Silicone Defoamers

Silicone based defoaming agents are commonly used in industrial applications, but they should be avoided in biological systems. Silicone based formulas can harm bacterial life and interfere the settling process. We strongly recommend against the use of silicone based defoamers. NAMIA DeFoam, on the other hand, is free from silicone and works in harmony with the biology of your wastewater plant.



NAMIA DeFoam disrupts the surface tension of foam bubbles, releasing trapped gases and effectively eliminating foam.

Use NAMIA DeFoam in:

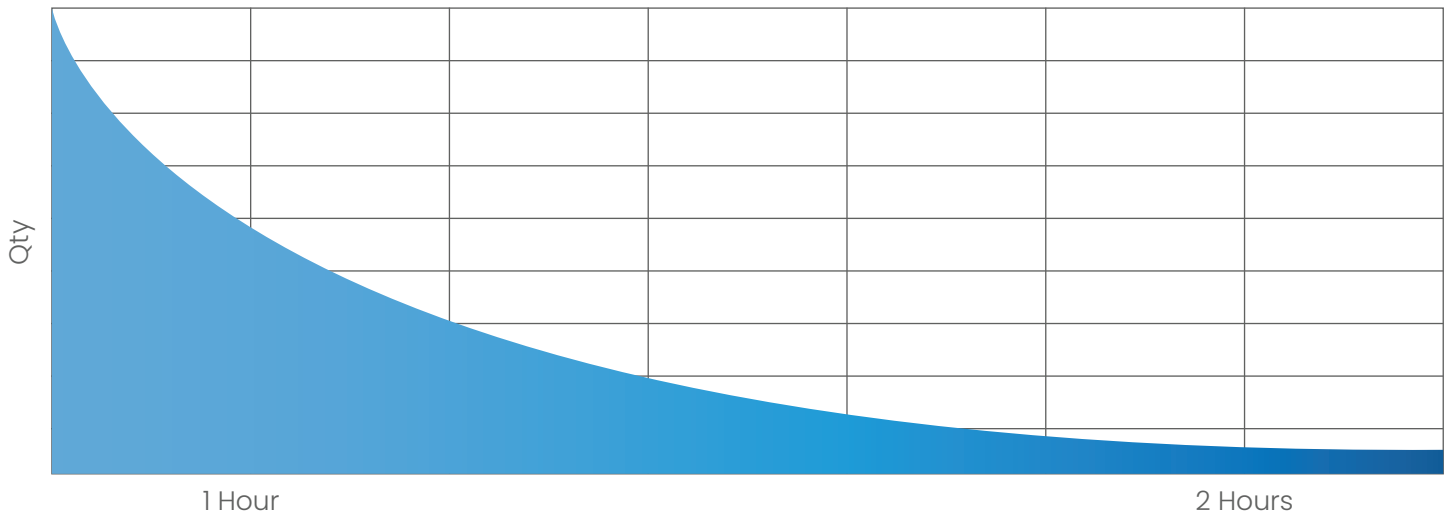
**Anaerobic
Digesters**

**Aeration
Basins**

**Anywhere
with Foam**

Figure 1:

Upon adding NAMIA DeFoam to your system, foam is quickly eliminated.





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Dose Rates

NAMIA DeFoam

NAMIA DeFoam dosing rates:

- It begins working immediately and brings foam under control within just 1-2 hours.
- Pour the product directly onto the foam, or as close as possible
- Reapplication is typically necessary every 8-24 hours.
- Dosing charts are a common starting point; adjust as necessary to achieve the 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 us for assistance with maintenance dosing in anaerobic digesters

Notes
