



# ORGANIC DEFOAMER

Enviro-Tech's **Organic Defoamer** is a 100 percent-active synthetic defoamer that effectively controls biologically-generated foam in activated sludge, BNR, ENR, and MBR wastewater treatment processes. **Organic Defoamer** will also control foaming in the aerobic or anaerobic sludge digestion process. **Organic Defoamer** does not contain mineral oil, silicones, nitrogen or phosphorous-based materials. **Organic Defoamer** does not inhibit removal of nitrogen or phosphorous in BNR/ENR processes.

## Recommended Usage Levels:

For aeration basins, ENVIRO-TECH recommends addition of 1 to 10 ppm **Organic Defoamer** based on the daily flowrate of the system (influent + R.A.S.). The product may be metered on a continuous basis or added as a batch process. Product should be added neat – do not dilute with water. **Organic Defoamer** should be added to the influent prior to aeration or into the R.A.S. line. If foam blanket is greater than twelve inches, the concentration of **Organic Defoamer** required may need to be increased to 25 – 50 ppm until the foam blanket is reduced to three to four inches, then 1 to 5 ppm is all that is needed.

For sludge digestion, **Organic Defoamer** is most effective when added within the heat-exchange loop for all anaerobic designs, or at the perimeter of the digester for floating-cover units. ENVIRO-TECH recommends batch addition of **Organic Defoamer** at liquid surface for aerobic digesters. ENVIRO-TECH recommends a dosage of 1 to 5 gal **Organic Defoamer** per million gallons of digester volume. Higher dose may be required initially with decreased feed rate to a maintenance concentration once foam is returned to acceptable levels.

For secondary clarifier foaming, **Organic Defoamer** may be added in the post-aeration effluent. However, foam control at this point is best achieved when **Organic Defoamer** is added to the aeration process to minimize foam generation before transferring wastewater to the clarifiers.

## Specifications:

Appearance: Tan Translucent liquid  
Weight p/gal: 8.18 pounds  
Pour Point: > 10°F  
Flash Point: > 400°F  
Water Solubility: Dispersible

## VISCOSITY PROFILE

TEMPERATURE (°F)	VISCOSITY (cps)*
5	<200,000 (#3/0.5RPM)
10	60,000 (#3/0.5RPM)
20	6,400
30	300
40	150
50	125
60	100
70	75
80	60
90	50
100	50

\*Used spindle #3 at 20rpm unless otherwise specified

## Benefits of Organic Defoamer:

- Natural organic product
- Renewable resource
- Naturally reduces foam
- Proven Field Results
- Non-toxic, non-corrosive natural organic product



715 NE 19th PLACE UNIT 22  
CAPE CORAL, FL 33909

(239) 997-6300

The information presented in this Data Sheet is believed to be reliable. This information is provided as representative only and there are no warranties, expressed or implied, regarding its performance. Since neither distributor nor manufacturer has any control over handling, storage, use and application conditions, neither distributor nor manufacturer shall be responsible for loss, damage or expense arising out of or in any way connected with the handling, storage, or use of the product described. It is the customer's responsibility to use our products in a manner that does not infringe on local laws, regulations, and third party rights.