



Foam Buster

Product Technical Data Sheet

Product Code: 07-FOAMBUS

Aquafix wastewater treatments are formulated for Australian conditions by a team of microbiologists working out of one of the world's leading biotechnology hubs - the University of Wisconsin, Madison. Aquafix microbiologists are intensive researchers of wastewater microbiology and develop ground breaking products that solve common wastewater problems in a cost-effective way without the need for major plant upgrades.

Uses and Applications

Foam Buster is a blend of micronutrients that improves settling, controls filaments and reduces foaming in wastewater. It also helps improve the degradation of emulsions, surfactants and petroleum hydrocarbon based products. It is especially effective against foam causing filaments like Microthrix Parvicella, Nocardia and type 1863. Foam Buster works by starving these harmful filaments of their food source – fats, oils, grease (FOG) and fatty acids.

The biological stimulants and vitamins formulated in Foam Buster enable the naturally occurring bacteria to quickly digest the grease that is keeping the foam causing filaments alive. Once the bacteria already present in the system are enriched with the biological stimulants and vitamins formulated in Foam Buster, they improve their functionality resulting in more balanced conditions in which the foam causing filaments can no longer survive.

Foam Buster's formulation also contains minerals, surface-tension depressants and natural buffering systems, all of which combine to rid the system of surfactant and emulsion chemistries, FOG and fatty acids. This improves settling in the system.

Foam Buster is suitable for use in sequencing batch reactors, oxidation ditches, extended aeration wastewater treatment plants, aerobic digestors, ponds and lagoons.

In situations where foaming and bulking are a problem, Foam Buster combines well with Qwik-Zyme L and is used in all types of municipal and industrial applications.

Ingredients

Foam Buster is not a defoaming bacterial supplement that just covers up the foam, it is a blend of vitamins, minerals, surface-tension depressants and natural buffering systems that help overcome filament foaming and settling issues at the root of the problem by providing bacteria the tools they need to digest and break it up. It contains no harsh chemicals and is environmentally safe.

Dose Rates

The following dose rates are guidelines that may need to be increased or decreased according to your individual conditions. It is recommended to treat, monitor results and adjust your dose based on these results. Foam Buster is supplied in water soluble packets that can be simply thrown into the wastewater.

DOSAGE RATES FOR FOAM LESS THAN 300mm – 60 DAY TREATMENT

<u>Daily Flow Rate</u>	<u>Initial Dose Per Day For 30 Days</u>	<u>Maintenance Dose For 30 Days</u>
40,000 Litres	250g	250g every other day
200,000 Litres	500g	250g daily
400,000+ Litres	1kg	500g daily
2 Megalitres	2kg	1kg daily
4 Megalitres	3kg	1.5kg daily

For faster results double these amounts. Works best with regular wasting.

DOSAGE RATES FOR FOAM GREATER THAN 300mm – 60 DAY TREATMENT

<u>Daily Flow Rate</u>	<u>Initial Dose Per Day For 30 Days</u>	<u>Maintenance Dose For 30 Days</u>
40,000 Litres	250g	250g every other day
200,000 Litres	500g	250g daily
400,000+ Litres	1kg	500g daily
2 Megalitres	5kg	2.5kg daily
4 Megalitres	10kg	5kg daily

For faster results double these amounts. Works best with regular wasting.