

# BioBooster Micro

The ultimate micronutrient - trace element - biostimulant  
- vitamin combo for every microbiological application



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water

## PRODUCT DESCRIPTION:

BioBooster Micro contains the essential micronutrient, trace element, vitamin, and biostimulant sources in the correct ratio to ensure all natural, and bio-augmented systems to operate with full metabolic capacity, and optimum pace. The nutrient microbial system enhances the production of enzymes which supply the system with more enzymes in a shorter period of time. These materials are needed for the microbial system in low amounts, but it is key essential to have them: their deficiency makes the systems sluggish, bad nutrition has a dismal effect for the purification process. BioBooster Micro has a broad range of minerals to help as co-enzymes in some of the more complex sequences. Besides some macronutrients like Ca, Fe, K, Mg, BioBooster Micro contains Co, Cu, Mn, Mo, Ni, Se, Zn, synergists, and phytochemical stimulants to enable your system running with maximum achievable efficiency, and performance.

The product is supplied as a solid powder form which dissolves well in pure water. We recommend the aqueous solution of the product to be dosed to the system on a continuous basis. Dosing of the product is recommended to be executed by our [Malatech-C Dosing Unit](#), or by a simple metering pump from any container, if the application is indoor, or does not require temperature control.

## FIELDS OF APPLICATION:

- Industrial, and municipal activated sludge wastewater treatment plants
- Industrial, and municipal fixed film wastewater treatment plants
- UASB, EGSB, IC high-rate anaerobic reactors
- Anaerobic digesters
- Wastewater lagoons, effluent holding tanks, tertiary treatment ponds
- Livestock waste streams (lagoons, pre-treatment plants, etc.)



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## BENEFITS OF BIOBOOSTER MICRO:

- Optimizes all biological treatment processes which endures micronutrient, trace element or vitamin deficiency
- Easy to use solid that quickly dissolves in water
- Compact size for easy storage
- Long shelf life
- Works effectively without introducing environmentally hazardous chemicals
- Safe, and easy to incorporate into your normal treatment routine
- 100% biodegradable, non-toxic, non-hazardous

## APPLICATION OF BIOBOOSTER MICRO – DOSING, PLANT SETUP, TECHNICAL INFORMATION

### IMPORTANT INFORMATION:

Recommended daily dosages are given in ppm based on  $m^3/d$  average hydraulic raw wastewater load.

For determining exact dosages for your WWTP, please provide us information by sending us our questionnaire filled with information as much as possible: [Click here for questionnaires!](#)

Dosage of BioBooster Micro is preferably continuous by mixing the product with pure water, and pour the content into our Malatech-C Dosing Unit. Our dosing units are easy to install, and use, consume low amount of space, isolated, and have a heating function for outdoor operations at winter. [Click here](#) for more information on the Malatech-C Dosing Unit!

Whenever you have any questions, do not hesitate to [contact us!](#)





## DOSAGE INFORMATION:

Usually 1-2 ppm, depending on raw wastewater/feed characteristics.

**Dosing location:** First biological reactor of the system is recommended, or the product can be dosed directly into the primary treated wastewater entering the first bioreactor of the system.

In case of plants running with generally high MLSS, and sludge age, or extremely high MLSS, and sludge age (UF membrane systems), please contact us for further assistance, also please [contact us](#) for Complete Process Engineering Assistance service to extract the most of your WWTP with BioBooster Micro!



## PACKAGING INFORMATION:

The product is available in 20 kg safety pails which is the lowest unit for ordering.

## STORAGE INFORMATION:

Keep the product in a cool and dry place below 35 Celsius. Avoid exposure to direct sunlight.