

REBIOTIC



HOW TO USE REBIOTIC

FINALLY, A CLEAN AQUARIUM!

- REBIOTIC is 100% natural, containing neither antibiotics nor fillers, allowing the full power of bacteria to work in the aquarium.
- In addition to the freeze-dried bacteria, REBIOTIC also contains minerals and nutrients for the bacteria, which get to work immediately after dosing.



FINALLY, A CLEAN AQUARIUM!

Our latest development in the field of bacterial biotechnology addresses the issue of aquarium restoration after the Old Tank Syndrome or a system change.

This often leads to a collapse of biofilms or a significant change in the bacterial fauna in order to perform all tasks in the nutrient cycles.

The reasons for this are diverse. Carbon dosages, trace elements, and effect agents in many products have a significant impact on bacterial stability and diversity.

FAUNA MARIN REBIOTIC addresses precisely these issues and is unique in composition and effectiveness.

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- REBIOTIC is 100% NATURAL and consists of freeze-dried bacterial strains that need to be activated before use in the reef aquarium.
 - In simplified terms, the bacteria are in a kind of „sleep phase,“ which makes them extremely long-lasting. By activating them with water, which is then used for dosing, the awakened bacteria also survive the dosage in seawater almost completely.
 - REBIOTIC contains not only freeze-dried bacteria but also minerals and nutrients for the bacteria, which start working immediately after dosing.
 - REBIOTIC is 100% natural, containing neither antibiotics nor fillers, allowing the full power of bacteria to work in the aquarium.



WHAT IS REBIOTIC FOR?

REBIOTIC is not a normal bacterial product. It is neither used to start an aquarium nor is it a regular bacterial dosing for nutrient reduction.

With REBIOTIC, the goal is to renature aquariums, restore a healthy biology, and prevent or reverse problems caused by the collapse of biofilms.

Various dosages over time change the biological system in an aquarium. Simple carbon dosages inhibit certain types of bacteria while benefiting others.

The result is a disrupted nitrogen cycle and associated problems such as shifted nutrient levels, excessive detritus production, bacterial and algae blooms, as well as algae and parasite overgrowth.

REBIOTIC does not target the problems directly but addresses the cause:

The bacterial strains contained in REBIOTIC compensate for the affected biofilms with their enormous mass and the minerals and nutrients they contain, rebuilding them in a healthy manner.

These renatured biofilms then displace unwanted deposits.

■ Furthermore, REBIOTIC displaces pathogenic germs and removes various organic substances that accumulate in the water over time. These dissolved organic carbon (DOC), assimilable organic carbon (AOC), and total nitrogen-bound (TnB) compounds sustainably burden the water, and your corals visibly improve once they are removed from the cycle. REBIOTIC bacteria settle in the decorations and also in the substrate, forming a healthy biofilm together. In doing so, they extract nutrients and minerals from the water.

The aquarium develops a healthy smell and appears clear and clean.



HOW DOES REBIOTIC WORK?

REBIOTIC is obtained from real biofilms. The bacteria are gently dried and immobilized through freeze-drying.

In this way, the bacteria can survive for 3 years without any problems and can be reactivated by water and oxygen.

As REBIOTIC consists of dried bacteria, it is extremely concentrated and contains trillions of bacteria, which are also extremely active.

The different bacteria in REBIOTIC are tailored to reactivate nutrient cycles and support existing biofilms, allowing them to fully develop again.

Healthy biofilms then naturally displace unwanted bacteria or algae.

Another very important point is the breakdown of long-chain organic substances that accumulate in the aquarium from remnants of food and coral excretions.

As the first company, we reported on this already in the early 2000s and developed corresponding tests (Depotest, Hitzetest). Now we have succeeded in finding the right bacteria that split and degrade these breakdown products.

To maintain the corresponding effect, dosing the bacteria once a week after the initial treatment is sufficient.

Since it exclusively involves natural bacteria, there is no danger to humans or animals.

REBIOTIC



APPLICATION AND DOSAGE:

Application:

- Place the bacterial cultures in a separate container with about 1 liter of aquarium water
- Stir the water several times to activate the bacterial cultures.
- After about an hour, slowly add the activated bacterial solution directly into the aquarium in a well-flowing area.
- **Turn off the skimmer for the next 6 hours.**
- **Leave UV and OZONE turned off for approximately 48 hours.**

Dosage:

- 1 heaped teaspoon (approx. 5 grams) / 400 liters of aquarium volume. Twice a week for 4 - 6 weeks.
- **Afterward, it is sufficient to administer a maintenance dose every 4 weeks.**



HOW CAN REBIOTIC BE COMBINED?

REBIOTIC is intended to be used as a treatment course. It is not a problem to use it in any system and does not require any special precautions other than those already described in the application. Typically, **success is achieved within 2 - 6 weeks.**

Older aquariums with a high nutrient load may require a longer dosage or an increase in dosage amount. We have extensively tested

REBIOTIC in our coral breeding facilities and in the laboratory, and in over **97% of all applications during this time, we observed significant success.**

However, REBIOTIC should NOT be combined with external bacteria products.

During the treatment phase, discontinue the use of any other bacterial products. After the treatment course, you can continue dosing with Fauna Marin bacterial products. The usual aquarium maintenance remains unaffected by this.



MORE QUESTIONS...

How long is REBIOTIC shelf life?

When stored cool and dry, REBIOTIC bacteria are shelf-stable for 2 to 3 years.

How long do I need to use the bacteria?

Typically, a treatment course lasts 2 - 6 weeks - additional dosages are rarely necessary.

Can REBIOTIC be overdosed?

Not really. Even dosing up to 5 times the recommended amount won't harm the animals initially. However, if you do exceed the dosage, ensure that the water is oxygenated and restart the skimmer immediately. Nevertheless, always adhere to the recommended dosage amounts. If larger problems arise, the dosage can be doubled without any issues. Always monitor the water parameters and remember that the introduced bacteria also consume nutrients and trace elements. Avoid limitations.

Why do UV systems and skimmers need to be turned off after dosing?

After addition, the freshly activated bacteria need some time to settle on the substrate. During this time, the bacteria should not be skimmed off or killed by UV. Therefore, turn off UV and skimmers during treatment. Filter socks should also be bypassed, as the components that do not dissolve immediately should not be filtered out.

Why doesn't REBIOTIC dissolve completely?

Bacteria should not completely dissolve. The enzymes and minerals contained in REBIOTIC slowly dissolve in the system and supply the bacteria until the next dosage.

Are REBIOTIC bacteria good for starting a new tank?

REBIOTIC can indeed be used for starting a new tank. However, we recommend using live rocks. If starting without live rocks, our BACTO BLEND or REEF START PRO BAC would be more suitable.

<https://www.fauamarinacorals.de/Bacto-Blend/14145-VH>

<https://www.fauamarinacorals.de/Reef-Start-Pro-Bac/12171-VH>

Do I need to dose REBIOTIC permanently?

No! After a successful treatment course, administering a maintenance dose once a month is sufficient - if necessary. For long-term dosing after a treatment course, our BACTO BALLS are available.

<https://www.fauamarinacorals.de/Bacto-Balls/14405-VH>



OVERVIEW OF BACTERIAL PRODUCTS:



1. BACTO BLEND

Liquid mixed bacterial preparation

for general use in

- starting a reef tank
- nutrient reduction
- general support for all types of reef aquariums.

<https://www.faunamarincorals.de/Bacto-Blend/14145-VH>



2. BACTO THERAPY

Liquid mixed bacterial preparation,

which works against

- pathogenic microorganisms,
- unwanted deposits, odors, or areas of decay.

<https://www.faunamarincorals.de/Bacto-Therapy/14175-VH>



3. BACTO BALLS

Gel balls containing reef bacteria

are used

- to dissolve nutrient deposits
- and clarify water in all types of fish or reef aquariums.
- Bacto Balls only need to be dosed every 2-3 weeks
- to support nutrient reduction.

<https://www.faunamarincorals.de/Bacto-Balls/14405-VH>



4. REEF START PRO BAC

Liquid mixed bacterial preparation with the innovative substrate matrix B-29.

Its use is

- ideal for starting a reef aquarium.
- ensures good water parameters.
- sustainably inhibits the growth of unwanted algae.

<https://www.faunamarincorals.de/Reef-Start-Pro-Bac/12171-VH>



5. REBIOTIC

Freeze-dried specialized bacteria for use as a 4-6 week course and rebuilding a healthy biofilm.

REBIOTIC is used for

- degrading unwanted organic substances and nutrient compounds.
- removing and preventing unwanted deposits and algae growth.

<https://www.faunamarincorals.de/ReBiotic-100-natural/14420-VH>



EFFECTIVE!

REBIOTIC is a highly effective product and should only be used selectively. Biological processes in reef aquariums are very complex, and in every case, the application of bacteria is not necessarily sufficient or advisable.

Especially in highly nutrient-limited systems, one should be cautious with the addition of such aids and seek advice beforehand.

ADVICE:

You can find support for the product in our Facebook group:

<https://www.facebook.com/groups/1490705804549503/>

or via our support contact:

Support@faunamarin.de

and on our  YouTube channel:

https://www.youtube.com/@FaunaMarin_Official/videos

Further information: www.faunamarin.de

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