

VIB X



HOW TO USE VIB X

For stabilizing the microbiota,

- With the help of VIB X, the natural balance of the microbiome of corals and fish is restored.
- VIB X significantly increases the resilience of corals and fish. Through the special carrier material, the bacterial strains are directly absorbed by the animals.



VIB X marine is a probiotic water conditioner for stabilizing the bacterial microbiome of fish and corals in marine aquaria.

The term „microbiome“ refers to the bacterial community that lives on and in the body of a host organism. In the case of marine aquaria, this refers to fish and corals as well as other invertebrates.

The right species composition of this symbiotic bacterial community is essential for the survival of fish and corals. If there are disturbances here, fish, corals and other invertebrates can fall ill and lose resistance to harmful influences and suboptimal environmental conditions.

The composition of these bacterial films is species-specific and also individually adapted to the respective habitat and environmental conditions. For aquarium care, it is essential to maintain the natural balance between the individual beneficial species of microorganisms.

However, the transportation of these animals and the introduction of foreign bacterial strains into the aquarium can affect this biofilm. Harmful bacteria and viruses disrupt the community and important species are displaced, resulting in gaps in the natural protective barriers. Frozen foods such as artemia, for example, introduce germs such

as vibrios into the aquarium water, which can damage numerous bacterial species in the biofilm.

VIB X marine takes a completely new approach to water treatment. VIB X consists of a specifically adapted carrier material and spores of selected probiotic bacteria attached to it, which are able to displace harmful toxic or pathogenic germs. The composition of these probiotic germs is specifically geared towards corals and marine fish and is absolutely harmless to other animals and humans.

Pathogenic germs such as vibrios, on the other hand, are displaced from biofilms. The mixture of probiotic germs used is highly effective and works without the use of problematic antibiotics. This prevents the developing of antibiotic resistance or other problems when using the product.



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VIB X PROBIOTIC BACTERIA DISTRIBUTED PRECISELY.

VIB X marine is the smart way to distribute probiotic bacteria precisely in the aquarium.

A special dosing method ensures that the selected bacterial strains also reach the inside of the corals in order to develop their beneficial effect.

The lime-based carrier material is specially pre-treated. The finest lime particles with a roughened surface offer the spores of the bacteria a perfect means of transportation to reach the body tissue of the corals and, in the case of fish, the stomach/intestinal area. The particles are directly absorbed by bacterial biofilms. The spores are activated shortly after contact with water.

In addition to absorbing nutrients, the bacteria that develop from the spores displace pathogenic protozoa from biofilms on all surfaces of the aquarium and also from the body tissue of fish, corals and other invertebrates.

This process takes a few days, but positive developments can usually be seen after the first dose.

The corals stretch their tissue more, the formation of mucous secretions is reduced, polyps open up further and, in general, corals and fish appear much more vital and their behaviour normalizes.



DOSAGE:

To prepare the bacteria mixture correctly, you need a sufficiently large container, e.g. a measuring cup with a volume of 1,000 ml. However, please only use this measuring cup on the aquarium and do not bring it into contact with food or drinking water.

Adjust the quantity to the size of your aquarium: Add 10 g of VIB X marine to the measuring cup with a spoon for every 100 l of aquarium volume. Then add approx. 500 ml of aquarium water and stir the solution well several times during a waiting time of two minutes.

The heavy components of the mixture sediment at the bottom of the measuring cup. Pour the liquid above, together with the suspended fine sediment,

into your aquarium at a point with a strong current, but without including the sediment at the bottom. However, make sure that the solution does not get near a overflow, skimmer, UV sterilizer, ozone supply or fleece filter.

Leave the settled material in the measuring cup and fill it with aquarium water again. Then stir again and pour into the aquarium after waiting two minutes. Repeat the process several times until the water in the measuring cup remains almost clear. The material is then exhausted and can be safely disposed of with household waste.

After adding VIB X marine, switch off the skimmer, ozone supply and UV sterilizer for two to three hours if possible.

KEY POINTS:

- **1.** Mix 10 grams with 500ml of aquarium water per 100 liters.
 - Stir multiple times during a 2-minute waiting period.
 - Slowly add the excess to the aquarium.
 - Repeat this step at least 4 times until the water becomes nearly clear.
 - Please dispose of the insoluble residue afterward.
 - **2.** Afterward, dose 2 grams per 100 liters daily until the symptoms disappear.
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FOLGEDOSIERUNG:

Here, you dose 2 g per 100 liters of aquarium volume daily, repeating the process. With subsequent doses, skimmers, UV, and ozone can remain operational. If some of the larger

particles from VIB X Marine enter the aquarium, that's completely unproblematic. You can dose continuously or until the symptoms subside.

HINWEISE:

- The product can be dosed over a long period.
- A temporary cloudiness of the aquarium water is normal and even desirable.
- When using, turn off the skimmer as well as UV/ozone for at least 4 hours.
- The bacterial mixture has no negative effects on fish or invertebrates in the aquarium, including corals.
- **Shortly after adding VIB X Marine, no water samples should be taken from the aquarium for water tests,** as these may be disrupted by the carrier material. Wait until the water is completely clear again, at least four hours.
- To enhance the effectiveness of the product, you should check your water parameters before starting the treatment. Corals require a balanced supply of micro and trace elements to build their resistance. In particular, fluorine, iodine, bromine, zinc, strontium, and sulfur are important. Generally, well-adjusted measurements, as recommended in our ICP analyses, are indispensable and therefore the basis for healthy coral growth.

PROFI-TIP:

Feed mixture:

The water from the measuring cup can also be used to make food ice cubes.

The feed treated in this way is particularly valuable for fish. If VIB X Marine is to be used in this way, a dosage of 20 g can be added to every 1,000 ml of water.

BENEFITS OF THE TREATMENT:



- VIB X Marine is an exceptionally high-concentration probiotic with optimal effectiveness in saltwater.
- It works comprehensively against a wide spectrum of pathogenic microorganisms.
- Supports the immune defense of corals and fish.
- Increases vitality, growth, and polyp expansion.
- Improves protein uptake and nutrient utilization (RTN/STN).



The product is intended for use in seawater tanks or similar aquaria. It is NOT suitable for use in freshwater aquariums or ponds! Probiotic products should generally be kept away from children, pets and food! Bacterial spores are a permanent bacterial form and can survive for very long periods of time.

For this reason, products containing bacterial spores do not have a best-before date. Nevertheless, we indicate this because the activation rate of the bacteria can decrease over the course of long storage periods.

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- **The product should be sealed and stored in a dry place.**
 - **However, heat and cold within a normal range of minus 20 to plus 50 °C are unproblematic.**
 - **If the product becomes damp or even wet before use, you should no longer store it but dispose it.**
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AVAILABLE IN SIZES:

- 140g / 100ml can
- 350g / 250ml can
- 700g / 500ml can

INGREDIENTS:

- Probiotic bacteria mixture for fish and corals

SAFETY INSTRUCTIONS:

- Avoid dust formation.
- Intended for use only in saltwater aquariums.
- Always read the label and product information before use.

■ **Keep out of reach of children.**

STORAGE INSTRUCTIONS:

- The product has a shelf life of approximately 3 years when unopened.
- Consume within 6 months after opening.
- Store it dry, protected from light, at normal room temperature.
- Avoid contaminating the product with bacteria or dirt.
- Ensure that children do not have access to the used or stored products.

DISPOSAL:

- The empty can can be disposed of with household waste or at recycling collection points.
- Please observe your local regulations for waste disposal.

MANUFACTURING INFORMATION:

- VIB X is produced in-house in Germany.

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

MUCH SUCCESS

FAUNA MARIN GmbH