

Frequently asked questions for MICROBE-LIFT® products

1. Why work MICROBE-LIFT® products as well?

MICROBE-LIFT® products contain photosynthetic, aerobic, anaerobic optionally, anaerobic and chemo synthetische bacteria that many problems in the Aquarium eliminate such as high ammonia and nitrite values, unverdauliche remains, algal growth, organic soil mud and bad smells. Photosynthetic bacteria reduce cloudy water Ausflockung and reduction of organic and inorganic debris.

MICROBE-LIFT® contains photosynthetic bacteria that are useful to achieve ecological balance in the Aquarium. These bacteria use sunlight as an energy source and make the work of the aerobic heterotroph bacteria. Photo-synthetic bacteria take ecologically speaking same place as the algae and become competitive this take their food and sunlight the algae. The photo-synthetic bacteria are the reason why it has the typical purple/red color. We add with no artificial colouring the product. And all photo-synthetic organisms need photosynthetic bacteria pigment material to sunlight to take. Green plants the pigment material is included in chlorophyll, which provides for the green color. Carotene are the pigment material in the photo-synthetic bacteria that produces the purple/red color. At the beginning of farming, the liquid is yet clear. A few days the sunlight exposed the color is purple/red if the bacteria implement this natural pigment. Some of our competitors remember that consumers and retailers are convinced of the photo-synthetic bacteria you claim that you use these bacteria. Unfortunately this is not the case for most products, because the liquid is clear.

2. Why is MICROBE-LIFT® differences than other biological products for the Aquarium?

There are several important differences why MICROBE-LIFT® is excellent over other bacterial products. Some examples:

Ecological Laboratories Inc. is itself the manufacturer of Hersteller von MICROBE-LIFT®. Many other companies not itself produce their bacteria but purchase at big companies, the so-called "standard bacteria" produce in large quantities and sold under different labels. Most of these products contain only aerobic heterotrophe and optionally anaerobic bacteria. Although these bacteria for the Aquarium are suitable, you can not create the ecological balance, as aerobic organisms from Microbe heterotrophe-, optionally anaerobe-, photosynthetic, anaerobe-and chemo synthetische-lift® can.

MICROBE-LIFT® bacteria are in the bottle bred, they are sold. The reason is that organisms grow dependent of each other. That means an "eco-system in the bottle". They are bred together because they make working together in your aquarium. Most bacteria of major manufacturers are bred as individual species in large tanks, or yeast-based, if dry products are. After the products are packaged regardless of their response in the Aquarium.

MICROBE-LIFT® is so versatile that it creates the same, what one would need normally 3 or 4 different products from other manufacturers. Although the price is slightly higher than other products, it may be that because of its focus and effectiveness in effect MICROBE-LIFT® is cheaper than other products.

3. Smell the bacterial products why Special Blend and TheraP after lazy eggs?

The smell is completely harmless and disappears quickly. The smell is created by the natural production of hydrogen sulfide. This ensures which 3-5 years the product is durable purple Schwefelbakterien energy source and as retention liquid which keeps the bacteria in Hibernation. If you MICROBE-LIFT® in the Aquarium will use the hydrogen sulfide for wake up and be active bacteria. After enabling (open the bottle causes activation) eat the bacteria from a culture medium applied to the inside wall of the bottle and then about 1 year are durable. Therefore the angebrochene bacterial solution umfüllen never in other bottles for storage.

4. Should I MICROBE-LIFT® before applying diluted with water?

No. Shake MICROBE-LIFT® before use and simply pour it in your aquarium.

5. How dosing I MICROBE-LIFT® bacterial products if I have a biological filter?

In the aquarium use leaflet.

6. Need MICROBE-LIFT® bacteria special environmental conditions?

MICROBE-LIFT® does not use pesticides or chemical algal Vernichter. UV-Lights and ozone devices please shutdown for 3 to 5 days, achieving optimal results.

7. Are MICROBE-LIFT® bacterial products harmless in the application?

MICROBE-LIFT® is harmless 100 % for people, animals and plants. It is not toxic or pathogen.

8. What is the difference between the MICROBE-LIFT® products Special Blend, Nite-Out II, Gravel & Substrate Cleaner and TheraP each other and in what situation do you use it best?

8.1 MICROBE-LIFT® Special Blend – “Nitratreducer u. Cyanokiller”

This product focuses on the first and last stage of nitrification. There are micro-organisms which crush detritus according to gröbere waste proteins, fats, so that the classic filter bacteria of Nitrosomonas sp., Nitrobacter sp. and Nitrospira sp. lighter work have to reduce these substances and work much more effectively. There are also optionally aerobic and anaerobic bacteria that appears above the nitrate to harmless nitrogen in sauerstoffarmen zones - most effectively in DSB systems but also in normal Aquarium systems with Lebendgestein. It also includes working photo synthetisch sulphur purpurbakterien come in the early stages to the dosage used displace Cyanos.

8.2 Helps MICROBE-LIFT® Special Blend against Cyanos and if so why?

Now, cyanobacteria have negative property to destroy the settlement area for filter bacteria and to inhibit their growth. So Sandkörnchen and surfaces of Lebendgesteins again with filter bacteria can be populated, the Cyanos must be removed first. Do the sulphur purpurbakterien which by itself to recede after some time and space for filter bacteria offering, by the second product of MICROBE-LIFT®, Nite-Out II, a few days later admitted. They represent a serious competition to days to the Cyanos and until filter bacteria are nachgewachsen inhibit because sulphur purpurbakterien live photo synthetisch. They represent no competition to filter bacteria because they operate photosynthesis as Zooxanthellen.

8.3 MICROBE-LIFT® Nite-Out II – “The classic filter bacteria”

This product delivers classic filter bacteria (Nitrosomonas sp., Nitrobacter sp, Nitrospira sp.). It contains more subspecies of these roots and has been developed to build of a natural filter bacteria monolayer which ensures a fast reduction of ammonium and nitrite and therefore greatly reduce the lead phase of a neweingerichteten aquarium or transport and aquariums moves or conversion measures reduce fish loss helps. Works immediately and reliably! Remains active to 4° C! (Optimal 13° c). Suitable also for cold water aquariums (Atlantic, Mediterranean, etc.).

The bacteria act immediately if used without are only "to be awake" in contrast to products based on trace elements.

It is odourless and safe in the application.

Important: Explanation of Nite-Out II application and starting the nitrifizierenden process combined with Special blend:

It is advisable, that before the application of Nite-Out II first MICROBE-LIFT® special blend (see above) to use to eliminate the remaining organic waste because a high concentration of organic waste can restrict the nitrifizierenden process or even prevent. Use Nite out II only one or two days after the application of MICROBE-LIFT® special blend so that it can only do its work. It is also important that first the pH (this must be between 7.9 and 8.5) is tested and whether enough carbonate hardness exists. KH-must be at least 3dH °. This is important because the nitrifizierenden bacteria consume this as fuel. For one ammonium consumed seven parts carbonate hardness! No nitrification is possible without good KH values! Increase the value of KH can e.g. MICROBE-LIFT® 8.2 buffer pH / use stabilizer so that they reach a value of at least 3-6 dH °.

8.4 MICROBE-LIFT® Gravel & Substrat Cleaner – “Sludge, detritus and PO4 removal”

Contains natural brackish water-mud from mangrove areas, containing abbauende natural cellulose, mud, bind phosphate iron oxides and special detritus and bind PO4 vaults filter bacteria. Proportion of mud ago of consistency with miracle mud related. Dosage is immediately first dark brown trüb, then light brown clear and the next day – no later than on the third day extremely crystal clear water in the Aquarium and is generally poorer at PO4. Gröberer soil Basic is clean and apprehension disappears gradually. Straight in the programs lecken.

Recommended for use with all other MICROBE LIFT bacterial and enzyme products.

It is also odourless and safe in the application

8.5 MICROBE-LIFT® TheraP – “Fish Therapeutikum”

MICROBE-LIFT® TheraP stimulates the immune system of the fish by probiotic bacteria strains which supposed the intestinal tract of fish and thus ensuring a healthy intestinal flora. Just fresh imported fish (especially acanthuridae and some sensitive Gobies), which often weakened by long en route and/or have an intestinal flora heavily damaged by antibiotics can be treated successfully with Microbe lift TheraP. Failures can be reduced to a minimum. In addition the entire Aquarium environment is stabilized biodegradable, since it about 50 % of the product MICROBE-LIFT® special blend contains which reduces waste, food remnants and nitrate. Long since it is a product used in the United States in the fish farming. We in this country a specimen recommended seahorse breeders and breeders of discussion. By the double action, it is recommended as there many animals meet

shortly to limited space in breeding pool or merchant pool. It contains also a herbal anti stress-funds and other selected bacteria that eat again pathogenic organisms or inhibit in their propagation.

Note: Because it a little special blend contains, smells also a bit of hydrogen sulphide. You can avoid prophylaktisch some diseases. Some foods have treated this week Weißkehldoktoren when the acclimation in their reef Aquarium. The doctors are now for a year in the aquariums without ever having had dots or other complaints. You are well ernährt. The acclimation, both later no UV attachment or ozone were used. This is already a substantial result for us because most of these doctors in the merchant pool allegedly had dots - despite UV.

Seahorse farmers are surprised by the low loss rate of their Seahorses Offspring (Progeny) using MICROBE-LIFT® TheraP.

9. You must add in Nite-Out II if one Special Blend used?

Because in the Microbe - lift® special blend a little bacterial strains of the Microbe - lift® Nite-Out II contained, is it although not essential, but we want to point out that by Nite-Out II, the effectiveness of special blend significantly increase be can - just to combat a cyano-Plage (lubrication algae plague).

Nite-Out II builds off also prepress (ammonium nitrite) of nitrate that total is an excellent water quality when using both products to achieve.

10. How and when should you products MICROBE-LIFT® Special Blend and MICROBE-LIFT® Dosing Nite-Out II in Combination?

Special blend best morning dosing the photo-synthetic bacteria therein can develop their full effect. The Nite-Out II approximately two days after the dosage of special blend evening dosing. This method can be reached the greatest success against cyanobacteria and stable biological conditions in an aquarium tanks moving re-establish.

At the dosage you abide by please package leaflet. An overdose is not possible.

To conclude:

When one of our best dealers asked the best seller why it MICROBE-LIFT® should use: "It halves the time you need to maintain". Simply but true!