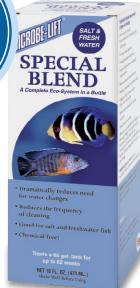
## The Nationally The Nationally Advertised Brand for Advertised Brand flow Independent Retailers

Experience the Miracle

Special **Blend** in the Marine **Aquarium** 

**MICROBE-LIFT**/Special Blend is a mix of bacterial strains that were chosen to help maintain a healthy environment for aquarium inhabitants at the same time keeping the tank clean, and clear.

The bacteria in **Special Blend** function as waste degraders, breaking down hard to degrade substances like grease, long chain fatty acids, and glycerol that are found in fish food. With their ability to keep up with the waste you can prevent the build-up of detritus on the substrate and in pockets of low water flow in a reef. These bacteria also work anaerobically to remove nitrate (NO<sub>3</sub>) by converting it to nitrogen gas. Nitrate (NO3) is toxic to some inhabitants of the aquarium as well as being a major contributing factor for algae growth. By removing nitrate (NO3-) you can reduce the amount of algae in the aquarium significantly. In an established system, nitrate (NO<sub>3</sub>) removal can be seen within hours.





**Understanding The Nitrogen Cycle & Your Aquarium!** 



Denitrification The reduction of nitrate in

filtered aquarium anoxic zones BE-LIFT/SPECIAL BLEND (already added in step #1) contains denitrifiers that function without oxygen. These select microbes can remove aquarium nitrates by converting nitrate to nitrogen gas that bubbles

the anoxic conditions in aquarium

filters and biofilms.

A food source for plants and algae

Nitrobacter sp. & Nitrospira sp.

MICROBE-LIFT/NITE-OUT II (already added in step #2) provides the necessary Nitrobacter and Nitrospira bacteria required for the oxidation of nitrite to nitrate in the aquarium filter!



harmlessly into the atmosphere under

aquarium!



**Fish Waste plus** & Dead Plant Matter

Broken down by the aquarium biology and ammonia is released

410

NITE-OUT II

step #1: add MICROBE-LIFT/ SPECIAL BLEND

Speeds the removal of all organic waste matter in aquariums by adding a select group of microbes that increase the rate of organic breakdown and improve filter performance.

step #2: add ML/NITE-OUT II

Provides the necessary nitrifying bacteria MEROF UT (Nitrosomonas sp., Nitrobacter sp.and Nitrospira sp.) required for the biological nitrification process, and assures the continued removal of toxic ammonia!



The bacteria in **Special Blend** will also break down the excess proteins eliminating the need for a skimmer. No protein skimmer means less electricity used, less heat generated by an additional pump, and more room in your sump or behind your tank. And let's not forget the benefit of not having to empty a dirty, smelly collection cup.

> Used together with the live nitrifying bacteria found in MICROBE-LIFT/ Nite-Out II you can cycle a new aquarium instantly. Just set-up the tank, adjust pH, KH, Salinity, and Temperature, add your fish along with Special Blend and Nite-Out II, and begin feeding. The bacterial combination will cycle the tanks while preventing dangerous spikes in ammonia (NH<sub>3</sub>/NH<sub>4</sub>+) and nitrite (NO<sub>2</sub>). In a new system, once the bacteria have time to establish bio-films the nitrate (NO<sub>3</sub>) will also be removed.