

MICROBE-LIFT®

2nd edition

AQUARIUM PRODUCTS CATALOG

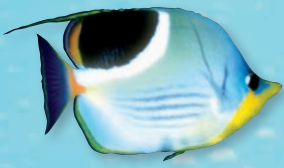


Providing Aquatic Solutions Since 1976



 **Ecological Laboratories** INC.
www.MicrobeLift.com





MICROBE-LIFT® and Ecological Laboratories

Introducing MICROBE-LIFT®. The number 1 water clarifier asked for by name is now available for aquariums.

Company Profile

Ecological Laboratories is a U.S. based international biotechnology company specializing in the development and production of microbial products for the natural treatment of environmental issues associated with the various uses of water and recycling of organic matter. **All of our research, development and manufacturing are done in the United States.**

The Ecological Difference

Our core technology is a one of a kind formula for use in a broad spectrum of aquarium applications. MICROBE-LIFT has a proven track record and is the leading product by name in the pond category. Our core technology is also used by governments and industry worldwide to provide environmentally friendly and cost effective solutions for polluted lakes, canals, ponds and has even cleaned a river in China. With 33 years' global experience and a recognized consumer brand, we can now bring to you a superior aquarium product line that your consumers will enjoy for years to come.

Our promise to you is that MICROBE-LIFT/Special Blend does differ from all other microbial products in culture type, fermentation process and oxidation performance. Give our products a try in your own tanks. You will see the difference. Our Nite-Out II Nitrifying Bacteria has a track record of performance and once you use it, you'll see that our special formula for rapid ammonia and nitrite reduction really works. Also focus your attention on our Gravel & Substrate Cleaner, you'll see that it works wonders in aquariums and turtle tanks as well.

A Complete Product Line

Browse our catalog, talk to your representative, or give us a call. You'll see that we have created a comprehensive aquarium line which leverages our brand name and identity. Supported by a nationwide advertising campaign and in house support, our brand identity will reach your customers.

Philosophy



As a multi-generational, family-run business for over 33 years, we understand the challenges retailers face in a rapidly changing marketplace. We face similar challenges every day as most of our competitors are owned by large global corporations.

To the Consumer - At Ecological Laboratories, we are strongly aware of our responsibility to environmental stewardship and sustainable development. By providing safe, natural products we allow our customers to also be good stewards of the environment so that it will be suitable for our children and grandchildren. Unlike many other marketers of bacterial products, we grow our own bacterial cultures, so we can be assured that everything we put our name on is 100% safe and effective.

To Our Distributors and Retailers - We value the relationships with our partner distributors and retailers. We constantly look for ways to provide better training and support to those who sell our products. As a multi-generational, family-owned and operated business, we respect the importance of those retailers who can provide the knowledge and expertise to consumers, making sure that they understand the performance of the MICROBE-LIFT line of products.



MICROBE-LIFT®

The Nationally
Advertised Brand for
Independent Retailers

Experience the Miracle

With our Advertising Program in place,
Ecological Laboratories, Inc.
will bring more consumers
into your store.

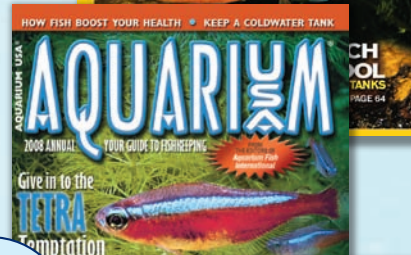
Since 1976, our commitment has
been to our ever-strengthening
relationships between
dealers and consumers.

Our
Aquarium
Consumer
Advertising
Program!

Advertisements



11,000
Readers
Monthly!



67,000
Readers
Annually!



Our full-color, full-page ads will reach over 2 million readers!

Since 1976, MICROBE-LIFT® products by Ecological Laboratories, Inc. have been the proven way to promote healthy fish and sparkling, clear water naturally.

And thanks to our great dealer and distributor network, we're spending **more advertising dollars** to reach **more customers** for you. Our full-page, color ads will reach millions of customers throughout a year-long campaign in major aquarium publications.

So, while many of these consumers cultivate beautiful aquariums and ponds, **you can cultivate new sales and higher profits!**



MICROBE-LIFT® The Nationally Advertised Brand for Independent Retailers

Experience the Miracle

3 Distinct Designs for Easy Identification



Saltwater Fish Shown on Top

Bullet Identifying Product is Made for use in Saltwater

Reef Safe Logo Where Applicable

Saltwater & Freshwater Fish Shown in the Center of the Label

Salt Water Design

Quantity Product Treats and Amount in Bottle Clearly Marked



Fresh & Salt Water Design

Bullet Identifying Product Made for use in Freshwater

Clear Brand Identification

Bullet Identifying Product is Made for use in Salt and Fresh Water

Freshwater Fish Shown on Bottom



Fresh Water Design

Made in the U.S.A. Logo on all Water Conditioners

Logo for Reef Safe Products

Art Code for Easy Shelf Identification

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BACTERIAL PRODUCTS REEF, MARINE & FRESH *Water Safe*

Cycles Aquariums Fast



MICROBE-LIFT®/Special Blend & MICROBE-LIFT®/Nite-Out II

is the only *natural* aquarium treatment program to cycle and balance your aquarium fast using a safe, microbial, non-chemical biological process which *naturally*: controls and eliminates organic waste matter; enhances water quality; and, reduces and controls toxic ammonia, nitrite and nitrate.

Just follow these simple steps.

Step #1: Add **MICROBE-LIFT®/Special Blend** to your aquarium to break down and degrade all organic waste matter, assuring an improved environment for aquatic life and plants. **MICROBE-LIFT®/Special Blend** seeds aquarium water, filters and establishes necessary bio-films in filters and on aquarium surfaces removing unwanted waste matter and clarifying aquarium water *fast!* **MICROBE-LIFT®/Special Blend** will also reduce and eliminate any aquarium odor.

As the organic waste matter in your aquarium—i.e., dead plant life, excessive fish food and fish waste—is broken down by aquarium biology, the waste matter is converted to ammonia in a process called *Ammonification*. As the ammonia levels build in your aquarium, it can become toxic to fish and marine life and must be biologically removed *quickly*. *Nitrification*—the natural, biological ammonia removal process—is done by a group of microbes called *nitrifying bacteria*. Nitrifying bacteria are very slow to grow (requiring as much as 18 hours for a single cell division compared to every 45 to 60 minutes for waste degraders) and often require weeks to naturally develop the necessary population to convert all the ammonia produced in your aquarium.

Step #2: Use **MICROBE-LIFT®/Nite-Out II** to quickly establish the necessary nitrifying cultures and the ammonia removal process in your aquarium. Just add **MICROBE-LIFT®/Nite-Out II** and these cultures will grow and convert the toxic ammonia to nitrite, and then to nitrate. **MICROBE-LIFT®/Nite-Out II** also contains *Nitrosomonas*—which convert ammonia to nitrite—and *Nitrobacter*—which convert nitrite to nitrate.

In addition, you should know the term *Carbonate Alkalinity* because the biological nitrification process that removes toxic ammonia from your aquarium in order for it to cycle properly requires a source of inorganic carbon. It takes 7.1 pounds of carbonate alkalinity for every pound of ammonia removed from your aquarium water. If carbonate alkalinity is *not* available in aquarium water, it's just like your car running out of gas! The nitrification process will stop, or may not even get started. To ensure toxic ammonia is removed by the necessary nitrifying bacteria, you must test your aquarium water for adequate carbonate alkalinity until there is a minimum of 50ppm. Then add **MICROBE-LIFT®/Nite-Out II** to ensure rapid and complete ammonia removal by the nitrifying microbes.

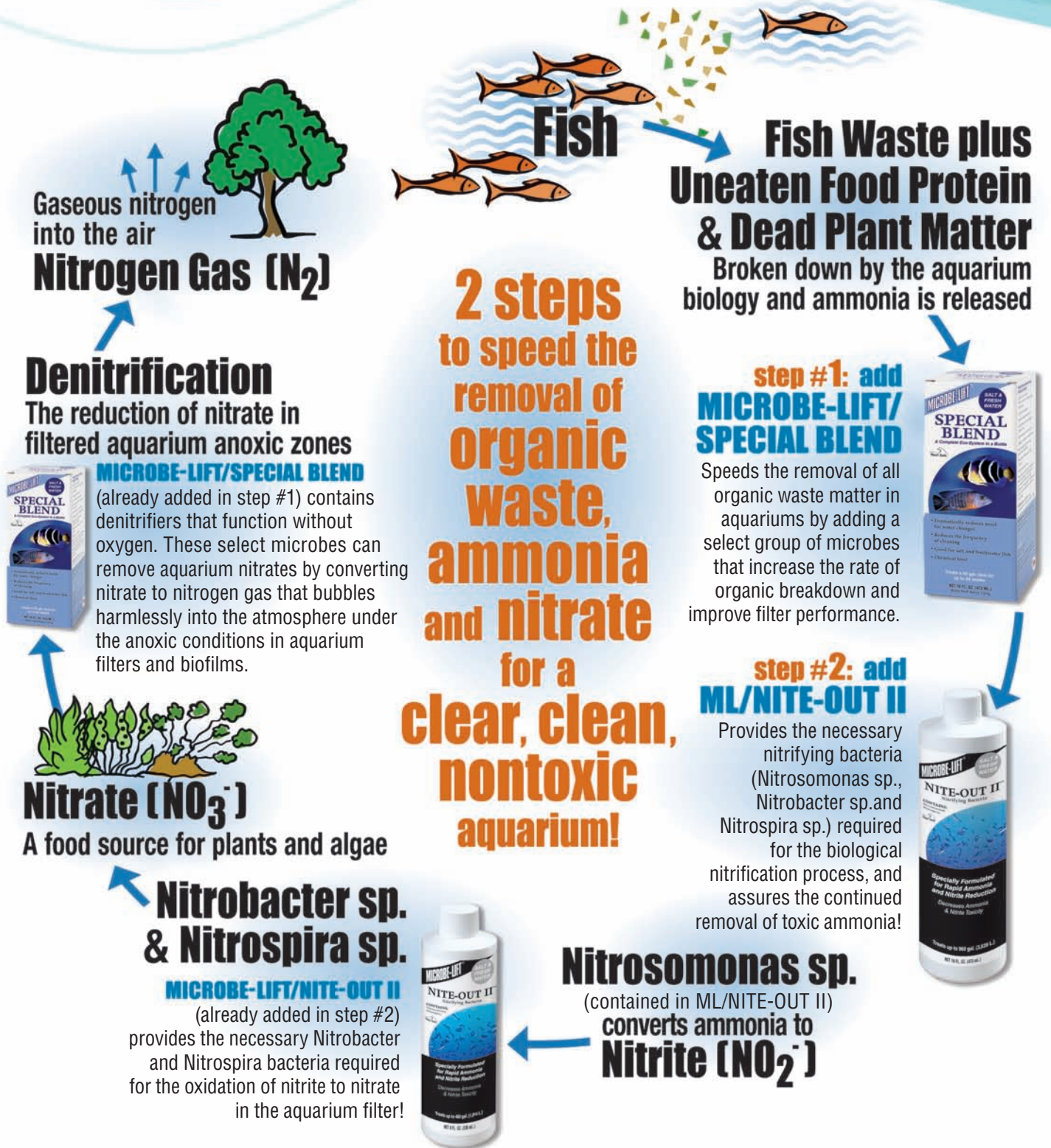
MICROBE-LIFT®/Special Blend & Denitrification

MICROBE-LIFT®/Special Blend provides a real value to your aquarium's environment. In addition to being one of the BEST products you can use to speed the biological removal of unwanted, slow-to-degrade organic matter from your aquarium environment, the novel cultures in **MICROBE-LIFT®/Special Blend** assist in the removal of nitrate from aquarium water via a process called *Denitrification*.

While some aquarium nitrate is removed by plants and partial water changes, the most effective way to control nitrate removal is by biological denitrification. In this process, nitrate removal takes place in the anaerobic areas, such as those found in aquarium filter bio-films. **MICROBE-LIFT®/Special Blend** cultures are also *denitrifying microbes* that provide an important nitrate removal pathway assisting in the removal of nitrate via denitrification. **MICROBE-LIFT®/Special Blend** includes high-rate denitrifiers that convert nitrate to nitrogen gas under an anaerobic condition that exists in filters and aquarium surface bio-films, reducing the nitrate level in you aquarium. It is noteworthy that algae can use nitrate as a nutrient.

MICROBE-LIFT®/Special Blend and MICROBE-LIFT®/Nite-Out II are the answer to a *Natural, Clean, Clear NON-TOXIC Aquarium Environment!* You can rely on these two novel, biological products to enhance water quality by removing slow-to-degrade waste matter, and removing and controlling ammonia, nitrite and nitrate via their natural, non-chemical biological process.

Understanding The Nitrogen Cycle & Your Stores Aquariums



WATER CYCLING & CONDITIONING KITS

1oz. Kits for tanks up to 20 gals:



Instant Water Conditioning Kit 2 Pack

Item #HA2PKWC1



CONTENTS	DOSAGE RATES
1 pc. - 1 oz. Aquatic Stress Relief	Use for tanks up to 20 gal.
1 pc. - 1 oz. Ammonia Remover	
2 pc. - 1 oz. bottles	



Immediate Water Cycling Kit 2 Pack

Item #HA2PKCYC1



CONTENTS	DOSAGE RATES
1 pc. - 1 oz. Special Blend	Use for tanks up to 20 gal.
1 pc. - 1 oz. Nite-Out II	
2 pc. - 1 oz. bottles	



Aquarium Cycling & Water Conditioning Kit 3 Pack

Item #HA3PKAQ1



CONTENTS	DOSAGE RATES
1 pc. - 1 oz. Aquatic Stress Relief	Use for tanks up to 20 gal.
1 pc. - 1 oz. Special Blend	
1 pc. - 1 oz. Nite-Out II	
3 pc. - 1 oz. bottles	

4oz. Kits for tanks up to 55 gals:



Instant Water Conditioning Kit 2 Pack

Item #HA2PKWC4



CONTENTS	DOSAGE RATES
1 pc. - 4 oz. Aquatic Stress Relief	Use for tanks up to 55 gal.
1 pc. - 4 oz. Ammonia Remover	
2 pc. - 4 oz. bottles	



Immediate Water Cycling Kit 2 Pack

Item #HA2PKCYC4



CONTENTS	DOSAGE RATES
1 pc. - 4 oz. Special Blend	Use for tanks up to 55 gal.
1 pc. - 4 oz. Nite-Out II	
2 pc. - 4 oz. bottles	



Aquarium Cycling & Water Conditioning Kit 3 Pack

Item #HA3PKAQ4



CONTENTS	DOSAGE RATES
1 pc. - 4 oz. Aquatic Stress Relief	Use for tanks up to 55 gal.
1 pc. - 4 oz. Special Blend	
1 pc. - 4 oz. Nite-Out II	
3 pc. - 4 oz. bottles	

BACTERIAL PRODUCTS REEF, MARINE & FRESH *Water Safe*



Bacterial Aquarium Balancer Odor Free

- Prevents "New Tank Syndrome"
- Helps to eliminate Ammonia and Nitrate
- Provides rapid reduction of organic waste
- Helps to clean power filters, ornaments and gravel
- Helps to reduce fish loss



ITEM #	SIZE	TREATS	DOSAGE RATES
BAB01	1 fl. oz. (30 mL)	treats up to 118 gal. (446 L.)	New Tanks: Add 1 tsp. for every 20 gal. (76 L.) Established Aquariums: Add 1 tsp. (5 mL.) per 10 gal. (38 L.)
BAB04	4 fl. oz. (118 mL)	treats up to 475 gal. (1,798 L.)	New Tanks: Add 1 tsp. for every 20 gal. (76 L.) Established Aquariums: Add 1 tsp. (5 mL.) per 10 gal. (38 L.)
BAB08	8 fl. oz. (236 mL)	treats up to 950 gal. (3,600 L.)	New Tanks: Add 1 tsp. for every 20 gal. (76 L.) Established Aquariums: Add 1 tsp. (5 mL.) per 10 gal. (38 L.)
BAB16	16 fl. oz. (473 mL)	treats up to 1,900 gal. (7,200 L.)	New Tanks: Add 1 tsp. for every 20 gal. (76 L.) Established Aquariums: Add 1 tsp. (5 mL.) per 10 gal. (38 L.)
BAB64	64 fl. oz. (1,893 L)	treats up to 7,600 gal. (28,728 L.)	New Tanks: Add 1 tsp. for every 20 gal. (76 L.) Established Aquariums: Add 1 tsp. per 10 gal. (38 L.)
BABG1	1 gal. (3.785 L.)	treats up to 15,200 gal. (57,456 L.)	



Bacterial Starter Kit 4 Pack

Item #HA4PKBAC



CONTENTS
1 pc. - 4 oz. Bacterial Aquarium Balancer
1 pc. - 4 oz. Gel Filter Cartridge Inoculant
1 pc. - 4 oz. Nite-Out II
1 pc. - 4 oz. Gravel and Substrate Cleaner
4pc - 4 oz bottles



Gel Filter Cartridge Inoculant

- Contains 54 billion CFU per 4 liters of gel
- Immediately establishes biological activity
- Quickly stabilizes aquarium environments
- Use when inserting a new cartridge in your filter or after every cartridge cleaning
- Use whenever placing new filter media in your aquarium filtering system decorations



ITEM #	SIZE	DIRECTIONS
GFCI04	4 fl. oz. (118 mL)	Spread directly to your filter cartridges, filter pad or media. The Gel will absorb into the filter cartridge, pads or media by letting it set for one to two hours before inserting back into the filter. After insertion, turn off recirculating pump for one to two hours.
GFCI08	8 fl. oz. (236 mL)	
GFCI16	16 fl. oz. (473 mL)	



Gravel & Substrate Cleaner Natural & Non-Caustic

- Provides rapid and natural sludge & muck removal
- 80% faster than bacterial products alone
- Reduces and binds nutrients including Phosphates
- Organic and microbial based



ITEM #	SIZE	TREATS	DOSAGE RATES
GSC01	1 fl. oz. (30 mL)	Variable depending on treatment or maintenance.	See package for details.
GSC04	4 fl. oz. (118 mL)		
GSC08	8 fl. oz. (236 mL)		
GSC16	16 fl. oz. (473 mL)		
GSC64	64 fl. oz. (1,893 L.)		
GSCG1	1 gal. (3.785 L.)		



Nite-Out II™ Nitrifying Bacteria Specially Formulated for Rapid Ammonia and Nitrite Reduction

- Decreases Ammonia & Nitrite toxicity



ITEM #	SIZE	TREATS	DOSAGE RATES
NITEH01	1 fl. oz. (30 mL)	Treats up to 59 gal. (233 L.)	New tanks: Add 1 tsp. (5 mL.) per 10 gal. (38 L.), every other day, until Ammonia level is acceptable.
NITEH04	4 fl. oz. (118 mL)	Treats up to 236 gal. (893 L.)	
NITEH08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,814 L.)	Established tanks: Add 1 tsp. (5 mL.) per 10 gal. (38 L.) of tank water after every partial water change as well as every time new fish are added to the tank.
NITEH16	16 fl. oz. (473 mL)	Treats up to 950 gal. (3,596 L.)	
NITEH64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,515 L.)	
NITEHG1	1 gal. (3.785 L.)	Treats up to 7,600 gal. (28,769 L.)	

BACTERIAL PRODUCTS



MICROBE-LIFT/ Bacterial Water Conditioners

40 Piece Display - Item #HAD40BAC

CONTENTS

4 pc. - 16 oz. Bacterial Aquarium Balancer
4 pc. - 16 oz. Gel Filter Cartridge Inoculant
4 pc. - 16 oz. Nite-Out II™
4 pc. - 16 oz. Gravel & Substrate Cleaner

16 pc. - 16 oz. bottles

6 pc. - 4 oz. Bacterial Aquarium Balancer
6 pc. - 4 oz. Gel Filter Cartridge Inoculant
6 pc. - 4 oz. Nite-Out II™
6 pc. - 4 oz. Gravel & Substrate Cleaner

24 pc. - 4 oz. bottles



MICROBE-LIFT/ Special Blend/TheraP

12 Piece Display - 8.5oz.

Item #SBTHD08

CONTENTS

6 pc. - 8.5 oz. Special Blend
6 pc. - 8.5 oz. TheraP

12 pc. - 8.5 oz. boxes

MICROBE-LIFT/ Special Blend/TheraP

12 Piece Display - 16oz.

Item #SBTHD16

CONTENTS

6 pc. - 16 oz. Special Blend
6 pc. - 16 oz. TheraP

12 pc. - 16 oz. boxes

MICROBE-LIFT/ Special Blend/TheraP

24 Piece Display - 4oz.

Item #SBTHD04

CONTENTS

12 pc. - 4 oz. Special Blend
12 pc. - 4 oz. TheraP

24 pc. - 4 oz. boxes

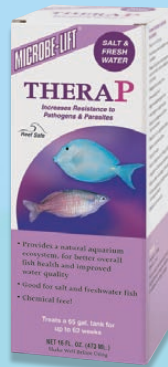


Special Blend A Complete Eco-System in a Bottle

- Dramatically reduces need for water changes & cleanings
- Keeps tanks clean and clear longer!
- Good for salt and freshwater fish
- Chemical free!

ITEM #	SIZE	TREATS	DOSAGE RATES
SBH04	4 fl. oz. (118 mL)*	Treats a 30 gal. tank for up to 16 weeks	see box for details.
SBH08	8.5 fl. oz. (251 mL)*	Treats a 65 gal. tank for up to 32 weeks	see box for details.
SBH16	16 fl. oz. (473 mL)*	Treats a 75 gal. tank for up to 46 weeks	see box for details.
SBHG1	1 gal. (3.785 L.)	Treats a 13,860 gal. tank for up to 2 weeks	see box for details.

* When you order the Special Blend or TheraP 4 oz., 8.5 oz., or 16 oz. boxes by the dozen, they are already packed in a display carton (as shown above).

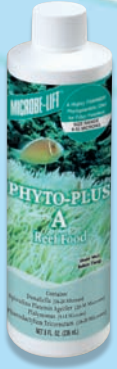


TheraP Increases Resistance to Pathogens & Parasites

- Provides a natural aquarium ecosystem, for better overall fish health and improved water quality
- Good for salt and freshwater fish
- Chemical free!

ITEM #	SIZE	TREATS	DOSAGE RATES
THERAPH04	4 fl. oz. (118 mL)*	Treats a 30 gal. tank for up to 16 weeks	see box for details.
THERAPH08	8.5 fl. oz. (251 mL)*	Treats a 65 gal. tank for up to 32 weeks	see box for details.
THERAPH16	16 fl. oz. (473 mL)*	Treats a 75 gal. tank for up to 46 weeks	see box for details.
THERAPHG1	1 gal. (3.785 L.)	Treats a 13,860 gal. tank for up to 2 weeks	see box for details.

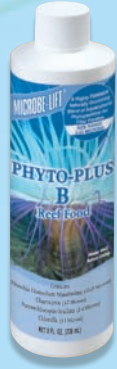
LIQUID FISH FOOD & FLAVOR ENHANCERS



Phyto-Plus A Reef Food

- A highly palatable phytoplanktic diet for filter feeders.
- SIZE RANGE 9-50 MICRONS

ITEM #	SIZE	DOSAGE RATES
PHYTOA04	4 fl. oz. (118 mL)	For every 50 gal. (189 L.) add 1-2 tsp. (can be 1-2 capfuls on our 8 and 16 oz. bottles) 1 capful/ 1 tsp. = 5mL. You can target feed (1 to 2 drops, 2 to 3 times weekly for each animal using a plastic syringe) or add to an area of high water flow.
PHYTOA08	8 fl. oz. (236 mL)	
PHYTOA16	16 fl. oz. (473 mL)	
PHYTOA64	64 fl. oz. (1.893 L.)	



Phyto-Plus B Reef Food

- A highly palatable naturally occurring blend of aquacultural phytoplankton for filter feeders
- SIZE RANGE 2-23 MICRONS

ITEM #	SIZE	DOSAGE RATES
PHYTOB04	4 fl. oz. (118 mL)	For every 50 gal. (189 L.) add 1-2 tsp. (can be 1-2 capfuls on our 8 and 16 oz. bottles) 1 capful/ 1 tsp. = 5mL. You can target feed (1 to 2 drops, 2 to 3 times weekly for each animal using a plastic syringe) or add to an area of high water flow.
PHYTOB08	8 fl. oz. (236 mL)	
PHYTOB16	16 fl. oz. (473 mL)	
PHYTOB64	64 fl. oz. (1.893 L.)	



Zoo-Plus Reef Food

- A highly palatable reef food for filter feeders
- A blend of mysis, daphnia, copepods, & artemia
- SIZE RANGE 800 MICRONS

ITEM #	SIZE	DOSAGE RATES
ZOO04	4 fl. oz. (118 mL)	For every 50 gal. (189 L.) add 1-2 teaspoons (can be 1-2 capfuls on our 8 and 16 oz. bottles) 1 capful/ 1 teaspoon = 5mL. You can target feed (1 to 2 drops, 2 to 3 times weekly for each animal using a plastic syringe) or add to an area of high water flow.
ZOO08	8 fl. oz. (236 mL)	
ZOO16	16 fl. oz. (473 mL)	
ZOO64	64 fl. oz. (1.893 L.)	



Highly Concentrated Phyto-Plus A Reef Food

- A highly palatable phytoplanktic diet for filter feeders.
- SIZE RANGE 9-50 MICRONS

ITEM #	SIZE	DOSAGE RATES
PHYTOA01	1 fl. oz. (30 mL)	Fill a container with 8 oz. of water from your aquarium. Add 1 drop of concentrate for every 50 gal. (189 L.) of water in your aquarium. This ready-to-use liquid food can be target-fed to each animal or added to an area of high water flow.



Highly Concentrated Phyto-Plus B Reef Food

- A highly palatable naturally occurring blend of aquacultural phytoplankton for filter feeders
- SIZE RANGE 2-23 MICRONS

ITEM #	SIZE	DOSAGE RATES
PHYTOB01	1 fl. oz. (30 mL)	Fill a container with 8 oz. of water from your aquarium. Add 1 drop of concentrate for every 50 gal. (189 L.) of water in your aquarium. This ready-to-use liquid food can be target-fed to each animal or added to an area of high water flow.



Highly Concentrated Zoo-Plus Reef Food

- A highly palatable reef food for filter feeders
- A blend of mysis, daphnia, copepods, & artemia
- SIZE RANGE 800 MICRONS

ITEM #	SIZE	DOSAGE RATES
ZOO01	1 fl. oz. (30 mL)	Fill a container with 8 oz. of water from your aquarium. Add 1 drop of concentrate for every 50 gal. (189 L.) of water in your aquarium. This ready-to-use liquid food can be target-fed to each animal or added to an area of high water flow.



Krill Enhance

- Compliment the range of essential fatty acids, vitamins & minerals in the diet.
- Enhance flavor of feeds with high protein content.
- Improve taste of oral medications and convalescent diets.

ITEM #	SIZE	DOSAGE RATES
KRILL04	4 fl. oz. (118 mL)	Use as desired to coat food.
KRILL08	8 fl. oz. (236 mL)	



Garlic Enhance

- Enhance flavor of feeds.
- Improve taste of oral medications and convalescent diets.

ITEM #	SIZE	DOSAGE RATES
GARLIC04	4 fl. oz. (118 mL)	Use as desired to coat food.
GARLIC08	8 fl. oz. (236 mL)	



Concentrated Krill Enhance

- Food source & attractant for tropical & marine fish

ITEM #	SIZE	DOSAGE RATES
KRILL01	1 fl. oz. (30 mL)	When mixing into fish food add at the rate of 2 drops per teaspoon of food. When added directly to water, add at the rate of 1 drop for every 10 gal. of tank water.



Concentrated Garlic Enhance

- Food source & attractant for tropical & marine fish

ITEM #	SIZE	DOSAGE RATES
GARLIC01	1 fl. oz. (30 mL)	When mixing into fish food add at the rate of 2 drops per teaspoon of food. When added directly to water, add at the rate of 1 drop for every 10 gal. of tank water.

SALT WATER Products



Products available in various sizes. See chart for details.



Vitamins & Amino Acids

A blend of all of the essential micronutrients and minerals required by many saltwater fish but which may not be present in all water sources or may be removed in some aquarium filtration systems.



Clarifier Plus Polymeric Blend

- Clears cloudy and hazy water quickly
- Safe for aquatic life and plants
- Attracts and precipitates suspended particles
- Improves filtration
- Especially helpful after tank disturbances

ITEM #	SIZE	TREATS	DOSAGE RATES
VAAS04	4 fl. oz. (118 mL)	Treats up to 700 gal. (2,649 L.)	Add 1 capful (5 mL) per 30 gal. weekly.
VAAS08	8 fl. oz. (236 mL)	Treats up to 1,400 gal. (5,299 L.)	
VAAS16	16 fl. oz. (473 mL)	Treats up to 2,800 gal. (10,599 L.)	
VAAS64	64 fl. oz. (1,893 L.)	Treats up to 11,200 gal. (42,396 L.)	
VAASG1	1 gal. (3,785 L.)	Treats up to 22,400 gal. (84,793 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
CPS04	4 fl. oz. (118 mL)	Treats up to 470 gal. (1,779 L.)	Add 1/2 tsp. (2.5 mL) per 10 gal. (38 L.)
CPS08	8 fl. oz. (236 mL)	Treats up to 940 gal. (3,558 L.)	
CPS16	16 fl. oz. (473 mL)	Treats up to 1,875 gal. (7,098 L.)	
CPS64	64 fl. oz. (1,893 L.)	Treats up to 7,500 gal. (28,390 L.)	
CPSG1	1 gal. (3,785 L.)	Treats up to 15,000 gal. (56,781 L.)	



Mineral Balancer

Replaces trace minerals that are removed through filtration, Carbon and protein skimmers



pH Increase

- Combines:
- Two pH adjusters for buffered effectiveness
 - Three electrolytes to help maintain osmotic balance
 - One slime coat ingredient for skin protection and stress reduction



ITEM #	SIZE	TREATS	DOSAGE RATES
SWMB04	4 fl. oz. (118 mL)	Treats 700 up to gal. (2,649 L.)	Add 1 capful (5 mL) per 30 gal. (113 L.)
SWMB08	8 fl. oz. (236 mL)	Treats up to 1,400 gal. (5,299 L.)	
SWMB16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L.)	
SWMB64	64 fl. oz. (1,893 L.)	Treats 11,200 gal. (42,396 L.)	
SWMBG1	1 gal. (3,785 L.)	Treats 22,400 gal. (84,793 L.)	

ITEM #	SIZE	DOSAGE RATES
PHINS04	4 fl. oz. (118 mL)	Add 1/4 tsp. (1.25 mL) per gal. (3.8 L.) of water for each 0.1 degree of pH increase desired.
PHINS08	8 fl. oz. (236 mL)	
PHINS16	16 fl. oz. (473 mL)	
PHINS64	64 fl. oz. (1,893 L.)	Add 2 drops per gal. (3.8 L.), or 1 tsp. (5 mL.) per 50 gal. (189 L.), or 1 capful per 75 gal. (284 L.) for each 0.1 degree of pH increase desired.
PHINSG1	1 gal. (3,785 L.)	



MICROBE-LIFT/Salt Water Conditioners
40 Piece Display - Item #HAD40SW

CONTENTS
4 pc. - 16 oz. Vitamins & Amino Acids
4 pc. - 16 oz. Clarifier Plus
4 pc. - 16 oz. Mineral Balancer
4 pc. - 16 oz. pH Increase
16pc. - 16 oz. bottles
6 pc. - 4 oz. Vitamins & Amino Acids
6 pc. - 4 oz. Clarifier Plus
6 pc. - 4 oz. Mineral Balancer
6 pc. - 4 oz. pH Increase
24 pc. - 4 oz. bottles



Saltwater Starter Kit
4 Pack
 Item #HA4PKSW

CONTENTS
1 pc. - 4 oz. Vitamins & Amino Acids
1 pc. - 4 oz. pH Increase
1 pc. - 4 oz. Mineral Balancer
1 pc. - 4 oz. Clarifier Plus
4 pc. - 4 oz. bottles





NEW Aquarium Salt Crystals

- Helps to reduce the threat of parasite disease
- Improves gill function
- Reduces the effects of Nitrite toxicity
- Nitrate & Phosphate free
- Contains no additives

ITEM #	SIZE	TREATS	DOSAGE RATES
ASALISM	11 oz. (312 g.)	Treats up to 88 gal. (333 L.)	Tropical Fish: Add 1 tbs. (15 mL) per 5 gal. (19 L.) of tank water. Goldfish/ Koi Stress Relief: Add 1/2 tsp. (2.5 mL) per gal. (3.8 L.) of tank water. Tropical Fish Disease Treatment: Add 2 tbs. (30 mL) per 5 gal. (19 L.) of tank water.
ASALIMD	22 oz. (1 lb. 6 oz.) (624 g.)	Treats up to 176 gal. (666 L.)	Symptoms of Parasite diseases: labored breathing, scraping, flashing and clamped fins.
ASALILG	44 oz. (2 lb. 7.5 oz.) (1,25 kg.)	Treats up to 352 gal. (1,332 L.)	



NEW Therapeutic Salt

- Contains pure evaporated sea salt
- Reduces fish stress & the risk of osmotic shock
- Improves fish gill function
- Temporarily blocks Nitrite toxicity
- Helps to promote slime coat
- Contains Allantoin
- Adds essential electrolytes

ITEM #	SIZE	TREATS	DOSAGE RATES
TSALISM	10 oz. (283 g.)	Treats up to 22 gal. (83 L.)	Small Tanks: Add 1/2 cup (120 mL) per 10 gal. (38 L.) of tank water. Large Tanks: Add 2 1/2 cups (600 mL) per 55 gal. (208 L.) of tank water. For Stress Reduction: Add 2 tbs. (30 mL) per 10 gal. (38 L.) of tank water. Add 3/4 cups (180 mL) per 55 gal. (208 L.) of tank water.
TSALIMD	20 oz. (1 lb. 4 oz.) (567 g.)	Treats up to 44 gal. (166 L.)	
TSALILG	40 oz. (2 lb. 8 oz.) (1,13 kg.)	Treats up to 88 gal. (333 L.)	



pH Increase

Combines:

- Two pH adjusters for buffered effectiveness
- Three Electrolytes to help maintain osmotic balance
- One slime coat ingredient for skin protection and stress reduction

ITEM #	SIZE	DOSAGE RATES
PHINF04	4 fl. oz. (118 mL)	Add 2 drops per gal. (3.8 L.), or 1 tsp. (5 mL) per 50 gal. (189 L.) for each 0.1 unit of pH increase desired.
PHINF08	8 fl. oz. (236 mL)	
PHINF16	16 fl. oz. (473 mL)	
PHINF64	64 fl. oz. (1,893 L.)	
PHINFG1	1 gal. (3,785 L.)	

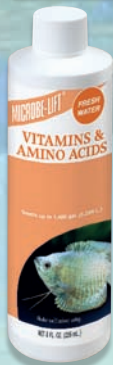


pH Decrease

Combines:

- Two pH adjusters for buffered effectiveness
- Three Electrolytes to help maintain osmotic balance
- One slime coat ingredient for skin protection and stress reduction

ITEM #	SIZE	DOSAGE RATES
PHDEF04	4 fl. oz. (118 mL)	Add 2 drops per gal. (3.8 L.), or 1 tsp. (5 mL) per 50 gal. (189 L.) for each 0.1 unit of pH decrease desired.
PHDEF08	8 fl. oz. (236 mL)	
PHDEF16	16 fl. oz. (473 mL)	
PHDEF64	64 fl. oz. (1,893 L.)	
PHDEFG1	1 gal. (3,785 L.)	



Vitamins & Amino Acids

A blend of all of the essential micro nutrients and minerals required by many freshwater fish but which may not be present in all water sources or may be removed in some aquarium filtration systems.

ITEM #	SIZE	TREATS	DOSAGE RATES
VAAF04	4 fl. oz. (118 mL)	Treats 700 gal. (2,649 L.)	Add 1 capful (5 mL) per 30 gals. of tank water weekly.
VAAF08	8 fl. oz. (236 mL)	Treats 1,400 gal. (5,299 L.)	
VAAF16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L.)	
VAAF64	64 fl. oz. (1,893 L.)	Treats 11,200 gal. (42,396 L.)	
VAAF64	64 fl. oz. (1,893 L.)	Treats 22,400 gal. (84,793 L.)	



Clarifier Plus Polymeric Blend

- Clears cloudy and hazy water quickly
- Safe for aquatic life and plants
- Attracts and precipitates suspended particles
- Improves filtration
- Especially helpful after tank disturbances

ITEM #	SIZE	TREATS	DOSAGE RATES
CPF01	1 fl. oz. (30 mL)	Treats up to 120 gal. (454 L.)	Add 5 drops per gal. (3.8 L.) or 1/2 tsp. (2.5 mL) per 10 gal. (38 L.)
CPF04	4 fl. oz. (118 mL)	Treats up to 470 gal. (1,779 L.)	
CPF08	8 fl. oz. (236 mL)	Treats up to 940 gal. (3,558 L.)	
CPF16	16 fl. oz. (473 mL)	Treats up to 1,875 gal. (7,098 L.)	
CPF64	64 fl. oz. (1,893 L.)	Treats up to 7,500 gal. (28,390 L.)	
CPFG1	1 gal. (3,785 L.)	Treats up to 15,000 gal. (56,781 L.)	

FRESH
WATER
Products



MICROBE-LIFT/Fresh Water Conditioners
40 Piece Display - Item #HAD40FW

CONTENTS

4 pc. - 16 oz. Vitamins & Amino Acids
4 pc. - 16 oz. Clarifier Plus
4 pc. - 16 oz. pH Increase
4 pc. - 16 oz. pH Decrease

16 pc. - 16 oz. bottles

6 pc. - 4 oz. Vitamins & Amino Acids
6 pc. - 4 oz. Clarifier Plus
6 pc. - 4 oz. pH Increase
6 pc. - 4 oz. pH Decrease

24 pc. - 4 oz. bottles



Algaway 5.4

E.P.A. Registered

- Controls Algae in aquariums
- Fast acting
- Will not harm fish or live ornamental plants
- Freshwater aquariums

ITEM #	SIZE	TREATS
ALGAA01	1 fl. oz. (30 mL.)	Treats up to 355 gal. (1,344 L.)
ALGAA04	4 fl. oz. (118 mL.)	Treats up to 1,419 gal. (5,371 L.)
ALGAA08	8 fl. oz. (236 mL.)	Treats up to 2,839 gal. (10,745 L.)
ALGAA16	16 fl. oz. (473 mL.)	Treats up to 5,678 gal. (21,491 L.)
ALGAA64	64 fl. oz. (1,893 L.)	Treats up to 22,712 gal. (85,981 L.)
ALGAAG1	1 gal. (3.785 L.)	Treats up to 45,424 gal. (171,948 L.)

DOSAGE RATES

Volume of water to treat	Unit of Measure		
5 gallons / 18.9 liters	3 drops	-	-
10 gallons / 37.8 liters	6 drops	-	-
25 gallons / 94.5 liters	15 drops	-	-
30 gallons / 114 liters	18 drops	1/2 tsp.	1/2 cap
50 gallons / 189 liters	30 drops	-	-
120 gallons / 454.2 liters	10 mL.	2 tsp.	2 caps
360 gallons / 1360 liters	30 mL.	2 tbsp.	6 caps



Freshwater Starter Kit
4 Pack

Item #HA4PKFW

CONTENTS

1 pc. - 4 oz. Vitamins & Amino Acids
1 pc. - 4 oz. pH Increase
1 pc. - 4 oz. pH Decrease
1 pc. - 4 oz. Clarifier Plus

4 pc. - 4 oz. bottles





NEW
**Super Dechlorinator +
Water Conditioner**

- Removes Chlorine (up to 5 mg./L. total Chlorine)
- Destroys Chloramines
- Detoxifies heavy metals



**Bloom & Grow™
Aquatic Plant Supplement**
Nitrate and Phosphate-Free Formula
A specialized formula of micro and macro nutrients for aquarium plants.

- Contains:
- Essential primary and secondary nutrients
 - Vitamins
 - Amino acids



ITEM #	SIZE	TREATS	DOSAGE RATES
SDCHLA04	4 fl. oz. (118 mL)	Treats up to 1,000 gal. (3,785 L.)	Add 1 tsp. (5 mL) per 41.66 gal. (157.7 L.) of water. Larger Applications: Add 1 fl.oz. per 250 gal. (946 L.) of water.
SDCHLA08	8 fl. oz. (236 mL)	Treats up to 2,000 gal. (7,571 L.)	
SDCHLA16	16 fl. oz. (473 mL)	Treats up to 4,000 gal. (15,142 L.)	
SDCHLA64	64 fl. oz. (1,893 L.)	Treats up to 16,000 gal. (60,566 L.)	
SDCHLAG1	1 gal. (3.785 L.)	Treats up to 32,000 gal. (121,133 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
BNGA02	2 fl. oz. (59 mL)	Treats up to 780 gal. (2,950 L.)	Add 1 tsp. (5 mL) per 65 gal. (246 L.), Add 1 capful (9 mL) per 100 gal. (379 L.)
BNGA08	8 fl. oz. (236 mL)	Treats up to 3,120 gal. (11,810 L.)	
BNGA16	16 fl. oz. (473 mL)	Treats up to 6,240 gal. (23,620 L.)	
BNGA64	64 fl. oz. (1,893 L.)	Treats up to 25,000 gal. (94,500 L.)	
BNGAG1	1 gal. (3.785 L.)	Treats up to 50,000 gal. (189,000 L.)	



**Dechlorinator +
Water Conditioner**

- Removes Chlorine (up to 4 mg./L. total Chlorine)
- Destroys Chloramines
- Detoxifies heavy metals
- Adds a multi-part skin-slime replacer
- Adds essential electrolytes
- Boosts Alkalinity



**Salt & Freshwater
Starter Kit
4 Pack**

Item #HA4PKFSW



ITEM #	SIZE	TREATS	DOSAGE RATES
DPWC01	1 fl. oz. (30 mL)	Treats up to 60 gal. (227 L.)	Add 1 tsp. (5 mL) per 10 gal. (38 L.), or 5 capfuls per 60 gal. (227 L.)
DPWC04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	
DPWC08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
DPWC16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
DPWC64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,536 L.)	
DPWC61	1 gal. (3.785 L.)	Treats up to 7,680 gal. (29,071 L.)	

CONTENTS			
1 pc.	- 4 oz.	Aquatic Stress Relief	
1 pc.	- 4 oz.	Ammonia Remover	
1 pc.	- 4 oz.	Dechlorinator + Water Conditioner	
1 pc.	- 4 oz.	Bacterial Aquarium Balancer	
4 pc.	- 4 oz.	bottles	



R/O Water Conditioner

Specially formulated to recondition, R/O, deionized or distilled water



**XTreme™
A Full-function, Buffered, Water
Conditioner For Ponds And Aquariums**

- Detoxifies Nitrite
- Destroys and removes Chloramines
- Removes Ammonia
- Removes Chlorine
- Detoxifies heavy metals
- Adds a multi-part skin-slime replacer
- Adds essential electrolytes
- Boosts Alkalinity



ITEM #	SIZE	TREATS	DOSAGE RATES
ROWC04	4 fl. oz. (118 mL)	Treats up to 238 gal. (900 L.)	Add 1-2 capfuls (5-10 mL) per 30 gal. (113 L.) of water.
ROWC08	8 fl. oz. (236 mL)	Treats up to 475 gal. (1,798 L.)	
ROWC16	16 fl. oz. (473 mL)	Treats up to 950 gal. (3,596 L.)	
ROWC64	64 fl. oz. (1,893 L.)	Treats up to 3,800 gal. (14,384 L.)	
ROWCG1	1 gal. (3.785 L.)	Treats up to 7,600 gal. (28,769 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
XTA01	1 fl. oz. (30 mL)	Treats up to 60 gal. (227 L.)	Add 1 tsp. (5 mL) per 10 gal. (38 L.), or 5 capfuls per 60 gal. (227 L.)
XTA04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	
XTA08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
XTA16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
XTA64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
XTAG1	1 gal. (3.785 L.)	Treats up to 7,680 gal. (29,071 L.)	

Products that work in both
SALT & FRESH WATER



Ammonia Remover

- Removes Ammonia
- Removes Chlorine
- Removes Chloramines

Works immediately and will not delay or interrupt biological filtration.



NEW Phosphate Remover

- Instantly removes Phosphate
- Improves turbidity
- Harmless to all fish and invertebrates
- Amino acids



ITEM #	SIZE	TREATS	DOSAGE RATES
AR01	1 fl. oz. (30 mL)	Treats up to 60 gal. (227 L.)	Add 1 tsp. (5 mL.) per 10 gal. (38 L.), or 5 capfuls per 60 gal. (227 L.)
AR04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	
AR08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
AR16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
AR64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
ARG1	1 gal. (3,785 L.)	Treats up to 7,680 gal. (29,071 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
PR04	4 fl. oz. (118 mL)	Fresh Water: Treats up to 400 gal. (1,514 L.) at a removal rate between 1.0 to 1.5 ppm Salt Water: Treats up to 200 gal. (757 L.) at a removal rate between 1.0 to 1.5 ppm	Fresh Water: To remove between 1.0 ppm to 1.5 ppm of Phosphate: Add 4.5 mL. per 15 gal. (57 L.) Add 15 mL. per 50 gal. (189 L.) Add 30 mL. per 100 gal. (378 L.)
PR08	8 fl. oz. (236 mL)	Fresh Water: Treats up to 800 gal. (3,028 L.) at a removal rate between 1.0 to 1.5 ppm Salt Water: Treats up to 400 gal. (1,514 L.) at a removal rate between 1.0 to 1.5 ppm	Salt Water: To remove between 1.0 ppm to 1.5 ppm of Phosphate: Add 7.2 mL. per 12 gal. (45 L.) Add 30 mL. per 50 gal. (189 L.) Add 60 mL. per 100 gal. (378 L.)
PR16	16 fl. oz. (473 mL)	Fresh Water: Treats up to 1,600 gal. (6,056 L.) at a removal rate between 1.0 to 1.5 ppm Salt Water: Treats up to 800 gal. (3,028 L.) at a removal rate between 1.0 to 1.5 ppm	
PR64	64 fl. oz. (1,893 L.)	Fresh Water: Treats up to 6,400 gal. (24,226 L.) at a removal rate between 1.0 to 1.5 ppm Salt Water: Treats up to 3,200 gal. (12,113 L.) at a removal rate between 1.0 to 1.5 ppm	
PRG1	1 gal. (3,785 L.)	Fresh Water: Treats up to 12,800 gal. (48,453 L.) at a removal rate between 1.0 to 1.5 ppm Salt Water: Treats up to 6,400 gal. (24,226 L.) at a removal rate between 1.0 to 1.5 ppm	



MICROBE-LIFT/ Salt & Freshwater Water Conditioners

40 Piece Display - Item #HAD40WC

CONTENTS

- 4 pc. - 16 oz. Dechlorinator + Water Conditioner
- 4 pc. - 16 oz. Ammonia Remover Plus Buffer
- 4 pc. - 16 oz. XTreme™
- 4 pc. - 16 oz. Aquatic Stress Relief

16 pc. - 16 oz. bottles

- 6 pc. - 4 oz. Dechlorinator + Water Conditioner
- 6 pc. - 4 oz. Ammonia Remover Plus Buffer
- 6 pc. - 4 oz. XTreme™
- 6 pc. - 4 oz. Aquatic Stress Relief

24 pc. - 4 oz. bottles



Aquatic Stress Relief

- Reduces stress
- Aids in fish transport
- Promotes healing
- Removes Chlorine (up to 3.75 mg/L. total Chlorine)
- Destroys Chloramines
- Detoxifies heavy metals
- Adds a multi-part skin-slime replacer
- Adds essential electrolytes
- Boosts Alkalinity



ITEM #	SIZE	TREATS	DOSAGE RATES
SRA01	1 fl. oz. (30 mL)	Treats up to 60 gal. (227 L.)	Add 1 tsp. (5 mL.) per 10 gal. (38 L.), or 5 capfuls per 60 gal. (227 L.)
SRA04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	
SRA08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
SRA16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
SRA64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
SRAG1	1 gal. (3,785 L.)	Treats up to 7,680 gal. (29,071 L.)	



Products available in various sizes. See chart for details.

DRY BUFFER/ STABILIZER Products



Buffer 6.5 pH Sets Freshwater at a pH of 6.5

Use for:

- Tap water
- Tank water
- Change water

ITEM #	SIZE	TREATS	DOSAGE RATES
PH6.5SM	8.8 oz. (250 g.)	Treats up to 500 gal. (1,890 L.)	To LOWER/HOLD a pH at 6.5: Add 1 scoop (5 g.) per 10 gal. (37.8 L.)
PH6.5MD	17.6 oz. (500 g.)	Treats up to 1,000 gal. (3,780 L.)	To RAISE/HOLD a pH at 6.5: Add 1 scoop (5 g.) per 10 gal. (37.8 L.)
PH6.5LG	64 oz. (4 lb.)	Treats up to 3,628 gal. (13,714 L.)	



Buffer 7.5 pH Sets Freshwater at a pH of 7.5

Use for:

- Tap water
- Tank water
- Change water

ITEM #	SIZE	TREATS	DOSAGE RATES
PH7.5SM	8.8 oz. (250 g.)	Treats up to 500 gal. (1,890 L.)	To LOWER/HOLD a pH at 7.5: Add 1 scoop (5 g.) per 10 gal. (37.8 L.)
PH7.5MD	17.6 oz. (500 g.)	Treats up to 1,000 gal. (3,780 L.)	To RAISE/HOLD a pH at 7.5: Add 1 scoop (5 g.) per 10 gal. (37.8 L.)
PH7.5LG	64 oz. (4 lb.)	Treats up to 3,628 gal. (13,714 L.)	



pH Buffer/Stabilizer and KH Alkalinity Supplement

Sets saltwater at a pH of 8.2



ITEM #	SIZE	TREATS	DOSAGE RATES
PH8.2SM	8.8 oz. (250 g.)	Treats up to 1,250 gal. (4,725 L.)	Use the enclosed teaspoon-scoop and add 1 tsp. (5 g.) per 25 gal. (95 L.).
PH8.2MD	17.6 oz. (500 g.)	Treats up to 2,500 gal. (9,450 L.)	
PH8.2LG	64 oz. (4 lb.)	Treats up to 9,080 gal. (34,322 L.)	



Buffer 7.0 pH Sets Freshwater at a pH of 7.0

Use for:

- Tap water
- Tank water
- Change water

ITEM #	SIZE	TREATS	DOSAGE RATES
PH7.0SM	8.8 oz. (250 g.)	Treats up to 500 gal. (1,890 L.)	To LOWER/HOLD a pH at 7.0: Add 1 scoop (5 g.) per 10 gal. (37.8 L.)
PH7.0MD	17.6 oz. (500 g.)	Treats up to 1,000 gal. (3,780 L.)	To RAISE/HOLD a pH at 7.0: Add 1 scoop (5 g.) per 10 gal. (37.8 L.)
PH7.0LG	64 oz. (4 lb.)	Treats up to 3,628 gal. (13,714 L.)	



Buffer 8.5 pH African Cichlids Sets Freshwater at a pH of 8.5

Use for:

- Tap water
- Tank water
- Change water

ITEM #	SIZE	TREATS	DOSAGE RATES
PH8.5SM	8.8 oz. (250 g.)	Treats up to 1,500 gal. (5,670 L.)	To RAISE/HOLD a pH at 8.5: Add 1 scoop (5 g.) per 30 gal. (113.5 L.)
PH8.5MD	17.6 oz. (500 g.)	Treats up to 3,000 gal. (11,340 L.)	To LOWER/HOLD a pH at 8.5: Add 1/2 scoop (2.5 g.) per 30 gal. (113.5 L.)
PH8.5LG	64 oz. (4 lb.)	Treats up to 10,884 gal. (41,141 L.)	



MICROBE-LIFT/pH Buffers #1

12 Piece Display - Item #PHDISP1

CONTENTS

- 4 pc. - 6.5 Fresh Water Buffer/Stabilizer
- 4 pc. - 7.0 Fresh Water Buffer/Stabilizer
- 4 pc. - 7.5 Fresh Water Buffer/Stabilizer
- 12 pc. - 17.6 oz (500 g.) jars



MICROBE-LIFT/pH Buffers #2

12 Piece Display - Item #PHDISP2

CONTENTS

- 6 pc. - 8.2 Reef & Marine Buffer/Stabilizer
- 6 pc. - 8.5 Fresh Water Buffer/Stabilizer
- 12 pc. - 17.6 oz (500 g.) jars



Aqua Alkaline Buffer

- Adjusts pH higher to any range between 6.0 - 8.7*
- Raises Carbonate Hardness (KH)

*When used in conjunction with Aqua Acid Buffer

ITEM #	SIZE	TREATS	DOSAGE RATES
ALKB04	4 fl. oz. (118 mL)	Treats up to 59 gal. (223 L.)	Add 5 mL for every 2.5 gal. (10 L.) of tank volume on a daily basis until the desired pH is obtained. At this dosage, Alkalinity will be raised by about 0.4 meq/L (1.2 dKH).
ALKB08	8 fl. oz. (236 mL)	Treats up to 118 gal. (446 L.)	
ALKB16	16 fl. oz. (473 mL)	Treats up to 236 gal. (893 L.)	
ALKB64	64 fl. oz. (1,893 mL)	Treats up to 944 gal. (3,573 L.)	
ALKBG1	1 gal. (3,785 L.)	Treats up to 1,888 gal. (7,146 L.)	



Aqua Acid Buffer

- Adjusts pH lower to any range between 8.7 - 6.0*
- Converts Carbonate Hardness (KH) to CO₂

*When used in conjunction with Aqua Alkaline Buffer

ITEM #	SIZE	TREATS	DOSAGE RATES
ACIDB04	4 fl. oz. (118 mL)	Treats up to 59 gal. (223 L.)	Add 5 mL for every 2.5 gal. (10 L.) of tank volume on a daily basis until the desired pH is obtained. At this dosage, Alkalinity will be lowered by about 0.08 meq/L (0.3 dKH).
ACIDB08	8 fl. oz. (236 mL)	Treats up to 118 gal. (446 L.)	
ACIDB16	16 fl. oz. (473 mL)	Treats up to 236 gal. (893 L.)	
ACIDB64	64 fl. oz. (1,893 mL)	Treats up to 944 gal. (3,573 L.)	
ACIDBG1	1 gal. (3,785 L.)	Treats up to 1,888 gal. (7,146 L.)	

REEF & MARINE

Products



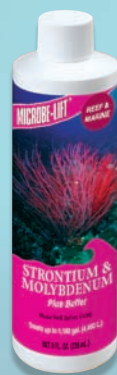
Products available in various sizes. See chart for details.



Clarifier Plus Show Tank Water Clarifier Polymeric Blend

Quickly clears cloudy water

ITEM #	SIZE	TREATS	DOSAGE RATES
CPR04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	For cloudy water: Add 2 tsp. or 1 1/2 capfuls (10 mL.) per 50 gal. (189 L.). For "polishing" water: Add 1 1/2 tsp. or 1 capful (7 mL.) per 50 gal. (189 L.) weekly.
CPR08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
CPR16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
CPR64	64 fl. oz. (1,893 L.)	Treats up to 9,600 gal. (36,290 L.)	
CPRG1	1 gal. (3,785 L.)	Treats up to 19,200 gal. (72,580 L.)	



Strontium & Molybdenum Plus Buffer

ITEM #	SIZE	TREATS	DOSAGE RATES
SM04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	Add 1-2 capfuls (7-14 mL.) per 50 gal. (189 L.) 1-2 times per week. Each 7 mL. capful restores 0.018 mg./L. (ppm) of Strontium, and 0.003 mg./L. (ppm) of Molybdenum.
SM08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
SM16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
SM64	64 fl. oz. (1,893 L.)	Treats up to 9,600 gal. (36,290 L.)	
SMG1	1 gal. (3,785 L.)	Treats up to 19,200 gal. (72,580 L.)	



Calcium Concentrate Plus Buffer

Contains over
100,000 mg/L. Calcium

ITEM #	SIZE	TREATS	DOSAGE RATES
CC04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	Add 1-2 capfuls (7-14 mL.) per 50 gal. (189 L.) 1-2 times per week. Each 7 mL. capful restores 3.5 mg/L (ppm) of Calcium.
CC08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
CC16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
CC64	64 fl. oz. (1,893 L.)	Treats up to 9,600 gal. (36,290 L.)	
CCG1	1 gal. (3,785 L.)	Treats up to 19,200 gal. (72,580 L.)	



Vitamins & Amino Acids Plus Buffer

ITEM #	SIZE	TREATS	DOSAGE RATES
VAAR04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	Add 1-2 capfuls (7-14 mL.) per 50 gal. (189 L.) 1-2 times per week.
VAAR08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
VAAR16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
VAAR64	64 fl. oz. (1,893 L.)	Treats up to 9,600 gal. (36,290 L.)	
VAARG1	1 gal. (3,785 L.)	Treats up to 19,200 gal. (72,580 L.)	



Magnesium Supplement

Designed to raise the level of Magnesium safely in a marine system and will not upset the ionic balance.

ITEM #	SIZE	DOSAGE RATES
MAG04	4 fl. oz. (118 mL)	Add at the rate of 1 mL per gal. of aquarium or reef capacity daily to bring the level between 1,250 and 1,350 ppm. This will raise the level by 19 ppm on a daily basis as a regular supplement. When not testing add at the rate of 2 capfuls (14 mL.) per 50 gal. (189 L.) every week for all marine systems.
MAG08	8 fl. oz. (236 mL)	
MAG16	16 fl. oz. (473 mL)	
MAG64	64 fl. oz. (1,893 L)	
MAGG1	1 gal. (3,785 L)	



Chelated Iron Plus Buffer

Contains Thiamine (B-1)/Cyanocobalamin (B-12)

ITEM #	SIZE	TREATS	DOSAGE RATES
IRON04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	Add 1- 2 capfuls (7-14 mL.) per 50 gal. (189 L.) 1-2 times per week.
IRON08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
IRON16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
IRON64	64 fl. oz. (1,893 L)	Treats up to 9,600 gal. (36,290 L.)	
IRONG1	1 gal. (3,785 L)	Treats up to 19,200 gal. (72,580 L.)	



Essential Minerals & Trace Elements Plus Buffer

ITEM #	SIZE	TREATS	DOSAGE RATES
EMTE04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	Add 1- 2 capfuls (7-14 mL.) per 50 gal. (189 L.) 1-2 times per week.
EMTE08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
EMTE16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
EMTE64	64 fl. oz. (1,893 L)	Treats up to 9,600 gal. (36,290 L.)	
EMTEG1	1 gal. (3,785 L)	Treats up to 19,200 gal. (72,580 L.)	



Iodide & Bromide Plus Buffer

ITEM #	SIZE	TREATS	DOSAGE RATES
IODIDE04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,196 L.)	Add 1- 2 capfuls (7-14 mL.) per 50 gal. (189 L.) 1-2 times per week. Each 7 mL. capful restores 0.006 mg./L. (ppm) of Iodide, and 0.0006 mg./L. (ppm) of Bromide.
IODIDE08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,660 L.)	
IODIDE16	16 fl. oz. (473 mL)	Treats up to 2,360 gal. (8,920 L.)	
IODIDE64	64 fl. oz. (1,893 L)	Treats up to 9,600 gal. (36,290 L.)	
IODIDEG1	1 gal. (3,785 L)	Treats up to 19,200 gal. (72,580 L.)	



All-In-One Master Supplement

A convenient way of dosing all of our reef & marine supplements in one application

ITEM #	SIZE	TREATS	DOSAGE RATES
ALL04	4 fl. oz. (118 mL)	Treats up to 300 gal. (1,136 L.)	Add 2-4 capfuls (14-28 mL.) per 50 gal. (189 L.), 1-2 times per week as a broad spectrum total-supplement of over 60 components of sea water. Usage may safely be double if desired.
ALL08	8 fl. oz. (236 mL)	Treats up to 600 gal. (2,268 L.)	
ALL16	16 fl. oz. (473 mL)	Treats up to 1,200 gal. (4,536 L.)	
ALL64	64 fl. oz. (1,893 L)	Treats up to 4,800 gal. (18,144 L.)	
ALLG1	1 gal. (3,785 L)	Treats up to 9,600 gal. (36,288 L.)	





MICROBE-LIFT/Reef & Marine #1
40 Piece Display - Item #HAD40R1

CONTENTS

- 4 pc. - 16 oz. Clarifier Plus
- 4 pc. - 16 oz. Calcium Concentrate
- 4 pc. - 16 oz. Chleated Iron
- 4 pc. - 16 oz. Strontium & Molybdenum
- 16 pc. - 16 oz. bottles
- 6 pc. - 4 oz. Clarifier Plus
- 6 pc. - 4 oz. Calcium Concentrate
- 6 pc. - 4 oz. Chleated Iron
- 6 pc. - 4 oz. Strontium & Molybdenum
- 24 pc. - 4 oz. bottles



Reef & Marine Starter Kit #1
4 Pack
 Item #HA4PKR1

CONTENTS

- 1 pc. - 4 oz. Chelated Iron
- 1 pc. - 4 oz. Essential Minerals & Trace Elements
- 1 pc. - 4 oz. Iodide & Bromide
- 1 pc. - 4 oz. Clarifier Plus
- 4 pc. - 4 oz. bottles



MICROBE-LIFT/Reef & Marine #2
40 Piece Display - Item #HAD40R2

CONTENTS

- 4 pc. - 16 oz. All-in-One Master Supplement
- 4 pc. - 16 oz. Vitamins & Amino Acids
- 4 pc. - 16 oz. Essential Minerals & Trace Elements
- 4 pc. - 16 oz. Iodide & Bromide
- 16 pc. - 16 oz. bottles
- 6 pc. - 4 oz. All-in-One Master Supplement
- 6 pc. - 4 oz. Vitamins & Amino Acids
- 6 pc. - 4 oz. Essential Minerals & Trace Elements
- 6 pc. - 4 oz. Iodide & Bromide
- 24 pc. - 4 oz. bottles



Reef & Marine Starter Kit #2
4 Pack
 Item #HA4PKR2

CONTENTS

- 1 pc. - 4 oz. Vitamins & Amino Acids
- 1 pc. - 4 oz. Calcium Concentrate
- 1 pc. - 4 oz. Magnesium Supplement
- 1 pc. - 4 oz. Strontium Molybdenum
- 4 pc. - 4 oz. bottles

REEF & MARINE Products



pH Buffer and KH Alkalinity Supplement
Sets saltwater at a pH of 8.2

ITEM #	SIZE	TREATS	DOSAGE RATES
PH8.2SM	8.8oz. (250 g.)	Treats up to 1,250 gal. (4,725 L.)	Use the inpacked teaspoon-scoop and add 1 tsp. (5 g.) per 25 gal. (95 L.).
PH8.2MD	17.6 oz (500 g.)	Treats up to 2,500 gal. (9,450 L.)	
PH8.2LG	64oz. /4 lb. (1.81 kg.)	Treats up to 9,080 gal. (34,322 L.)	



Nano Complete

- Automatically sets pH to 8.2 - 8.3
- An aqueous Nano reef buffer system & an ionically balanced combination of necessary trace elements in one simple system!

ITEM #	SIZE	TREATS	DOSAGE RATES
COMN02	2 fl. oz. (59 mL.)	Treats up to 236 gal. (893 L.)	Add 1/2 cap (2.5 mL.) per 10 gal. (38 L.) each day in the highest flow area in the tank until target Alkalinity is reached.



Complete

- Automatically sets pH to 8.2 - 8.3
- An aqueous reef buffer system & an ionically balanced combination of necessary trace elements in one simple system!

ITEM #	SIZE	TREATS	DOSAGE RATES
COM04	4 fl. oz. (118 mL.)	Treats up to 118 gal. (446 L.)	Add 2 tsp. (10 mL.) per 10 gal. (38 L.) each day in the highest flow area in the tank until target Alkalinity is reached.
COM08	8 fl. oz. (236 mL.)	Treats up to 236 gal. (892 L.)	
COM16	16 fl. oz. (473 mL.)	Treats up to 472 gal. (1,784 L.)	
COM64	64 fl. oz. (1,893 L.)	Treats up to 1,888 gal. (7,136 L.)	
COMG1	1 gal. (3,785 L.)	Treats up to 3,776 gal. (14,272 L.)	



NEW Coralline Algae Accelerator

Contains:

- Fine powdered Aragonite
- Over 100,000 mg/L. Calcium
- Added Strontium and Molybdenum

ITEM #	SIZE	TREATS	DOSAGE RATES
CAA04	4 fl. oz. (118 mL.)	Treats up to 1,180 gal. (4,467L.)	Add 5 mL. per 50 gal. (189 L.)
CAA08	8 fl. oz. (236 mL.)	Treats up to 2,360 gal. (8,934L.)	
CAA16	16 fl. oz. (473 mL.)	Treats up to 4,720 gal. (17,867L.)	
CAA64	64 fl. oz. (1,893 L.)	Treats up to 18,880 gal. (71,468L.)	
CAAG1	1 gal. (3,785 L.)	Treats up to 37,760 gal. (142,937L.)	



Kalkwasser

- Adds Calcium ions required by most reef inhabitants
- Increases Alkalinity
- Encourages growth of pink, purple and green Calcareous Algae
- Elevates pH
- Precipitates Phosphate

ITEM #	SIZE	TREATS	DOSAGE RATES
KALKSM	1 lb. (454 g.)	Treats up to 255 gal. (964 L.)	In a bucket of 1 gal. of R/O water, mix 1 - 2 tsp. of powder. Use 4 tsp. for 2 gal. etc. Let the solution settle. The super saturated solution may be poured into the tank in an area of high water flow or preferably dripped in through a dosing system.
KALKMD	4 lb. (1,814 g.)	Treats up to 1,020 gal. (3,861 L.)	



Products available in various sizes. See chart for details.



Beginner Goldfish Care

- Conditions goldfish water to protect and maintain delicate fins and skin.
- Provides soothing topical emollients and slime coat conditioners.
- Supplies essential electrolytes.
- Neutralizes Chlorine, Chloramines, Ammonia and heavy metals.

ITEM #	SIZE	TREATS	DOSAGE RATES
CAREG02	2 fl. oz. (59 mL)	Treats 12 gal. (45 L)	Add 1 capful (5 mL) per 1 gal. (3.75 L) of tap water.



Goldfish Color Enhancer Vitamins & Amino Acids

Brings out color and vigor, as well as, providing essential vitamins & amino acids

ITEM #	SIZE	TREATS	DOSAGE RATES
GCE04	4 fl. oz. (118 mL)	Treats 700 gal. (2,649 L)	Add 1 capful (5 mL) per 30 gal. (113 L) of tank water weekly.
GCE08	8 fl. oz. (236 mL)	Treats 1,400 gal. (5,299 L)	
GCE16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L)	
GCE64	64 fl. oz. (1,893 L)	Treats 11,200 gal. (42,396 L)	
GCEG1	1 gal. (3,785 L)	Treats 22,400 gal. (84,793 L)	



Goldfish Water Conditioner

- Provides triple slime coat protection
- Neutralizes Chlorine

ITEM #	SIZE	TREATS	DOSAGE RATES
GWCO4	4 fl. oz. (118 mL)	Treats 480 gal. (1,817 L)	Add 1/4 tsp. (1.25 mL) which neutralizes 4 ppm of Chlorine per 5 gal. (19 L), or 1 capful per 15 gal. (57 L) of all new or replacement water.
GWCO8	8 fl. oz. (236 mL)	Treats 960 gal. (3,634 L)	
GWC16	16 fl. oz. (473 mL)	Treats 1,920 gal. (7,268 L)	
GWC64	64 fl. oz. (1,893 L)	Treats 7,680 gal. (29,072 L)	
GWCG1	1 gal. (3,785 L)	Treats 15,360 gal. (58,144 L)	



Cichlid Proper Water Chemistry

Replaces trace minerals: Sodium, Magnesium, Calcium and Potassium Salts and all necessary minor and trace minerals.

ITEM #	SIZE	TREATS	DOSAGE RATES
CPWC04	4 fl. oz. (118 mL)	Treats 700 gal. (2,649 L)	Add 1 capful (5 mL) per 30 gal. (113 L) of tank water weekly.
CPWC08	8 fl. oz. (236 mL)	Treats 1,400 gal. (5,299 L)	
CPWC16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L)	
CPWC64	64 fl. oz. (1,893 L)	Treats 11,200 gal. (42,396 L)	
CPWCG1	1 gal. (3,785 L)	Treats 22,400 gal. (84,793 L)	



Cichlid Vitamins & Amino Acids

Replaces vitamins & amino acids

ITEM #	SIZE	TREATS	DOSAGE RATES
VAAC04	4 fl. oz. (118 mL)	Treats 700 gal. (2,649 L)	Add 1 capful (5 mL) per 30 gals. (113 L) of tank water weekly.
VAAC08	8 fl. oz. (236 mL)	Treats 1,400 gal. (5,299 L)	
VAAC16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L)	
VAAC64	64 fl. oz. (1,893 L)	Treats 11,200 gal. (42,396 L)	
VAACG1	1 gal. (3,785 L)	Treats 22,400 gal. (84,793 L)	

SPECIALTY PRODUCTS

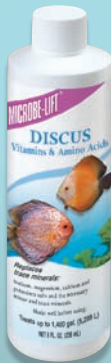
for *Betta, Goldfish, Cichlids, & Discus*



Beginner Beta Care

- Provides soothing topical emollients and slime coat conditioners.
- Supplies essential electrolytes.
- Neutralizes Chlorine, Chloramines, Ammonia and heavy metals.

ITEM #	SIZE	TREATS	DOSAGE RATES
CAREB02	2 fl. oz. (59 mL)	Treats 12 gal. (45 L.)	Add 1 capful (5 mL) per 1 gal. (3.75 L.) of tap water.



Discus Vitamins & Amino Acids

Replaces vitamins & amino acids

ITEM #	SIZE	TREATS	DOSAGE RATES
VAAD04	4 fl. oz. (118 mL)	Treats 700 gal. (2,649 L.)	Add 1 capful (5 mL) per 30 gal. (113 L.) of tank water weekly.
VAAD08	8 fl. oz. (236 mL)	Treats 1,400 gal. (5,299 L.)	
VAAD16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L.)	
VAAD64	64 fl. oz. (1,893 L.)	Treats 11,200 gal. (42,396 L.)	
VAADG1	1 gal. (3.785 L.)	Treats 22,400 gal. (84,793 L.)	



Amazon Black & Soft Water Conditioner

Specially formulated to reproduce the soil rich benefits of the Amazon water conditions.

ITEM #	SIZE	TREATS	DOSAGE RATES
ABWC04	4 fl. oz. (118 mL)	Treats 118 gal. (446 L.)	Add 2 capfuls (10 mL) per 10 gal. (38 L.) of tank water weekly.
ABWC08	8 fl. oz. (236 mL)	Treats 236 gal. (893 L.)	
ABWC16	16 fl. oz. (473 mL)	Treats 472 gal. (1,786 L.)	
ABWC64	64 fl. oz. (1,893 L.)	Treats 1,888 gal. (7,146 L.)	
ABWCG1	1 gal. (3.785 L.)	Treats 3,776 gal. (14,294 L.)	



Discus Proper Water Chemistry

Replaces trace minerals: Sodium, Magnesium, Calcium and Potassium Salts and all necessary minor and trace minerals.

ITEM #	SIZE	TREATS	DOSAGE RATES
DWC04	4 fl. oz. (118 mL)	Treats 700 gal. (2,649 L.)	Add 1 capful (5 mL) per 30 gal. (113 L.) of tank water weekly.
DWC08	8 fl. oz. (236 mL)	Treats 1,400 gal. (5,299 L.)	
DWC16	16 fl. oz. (473 mL)	Treats 2,800 gal. (10,599 L.)	
DWC64	64 fl. oz. (1,893 L.)	Treats 11,200 gal. (42,396 L.)	
DWCG1	1 gal. (3.785 L.)	Treats 22,400 gal. (84,793 L.)	



Amazon Bio-Colorant

Specially formulated to reproduce the darker waters of the Amazon.

ITEM #	SIZE	DOSAGE RATES
ABC04	4 fl. oz. (118 mL)	Add 1 mL to a bucket of water for every gal. of tank water.
ABC08	8 fl. oz. (236 mL)	
ABC16	16 fl. oz. (473 mL)	





Goldfish Starter Kit 4 Pack

Item #HA4PKGf

CONTENTS

- 1 pc. - 4 oz. Goldfish Color Enhancer
- 1 pc. - 4 oz. Goldfish Water Conditioner
- 1 pc. - 4 oz. pH Decrease
- 1 pc. - 4 oz. pH Increase
- 4 pc. - 4 oz. bottles



Cichlid Starter Kit 4 Pack

Item #HA4PKCIC

CONTENTS

- 1 pc. - 4 oz. Cichlid Vitamins & Amino Acids
- 1 pc. - 4 oz. Cichlid Proper Water Chemistry
- 1 pc. - 4 oz. Amazon Black & Soft Water Conditioner
- 1 pc. - 4 oz. Amazon Bio-Colorant
- 4 pc. - 4 oz. bottles



Discus Starter Kit

4 Pack - Item #HA4PKDIS

CONTENTS

- 1 pc. - 4 oz. Discus Vitamins & Amino Acids
- 1 pc. - 4 oz. Discus Proper Water Chemistry
- 1 pc. - 4 oz. Amazon Bio-Colorant
- 1 pc. - 4 oz. Amazon Black & Soft Water Conditioner
- 4 pc. - 4 oz. bottles



Discus 40 Piece Display MICROBE-LIFT/ Water Conditioners

Item #HAD40DIS



Cichlid 40 Piece Display MICROBE-LIFT/ Water Conditioners

Item #HAD40CIC



Goldfish 40 Piece Display MICROBE-LIFT/ Water Conditioners

Item #HAD40GF

CONTENTS

- 4 pc. - 16 oz. Discus Vitamins & Amino Acids
- 4 pc. - 16 oz. Discus Proper Water Chemistry
- 4 pc. - 16 oz. Amazon Black & Soft Water Conditioner
- 4 pc. - 16 oz. Amazon Bio-Colorant
- 16 pc. - 16 oz. bottles

- 6 pc. - 4 oz. Discus Vitamins & Amino Acids
- 6 pc. - 4 oz. Discus Proper Water Chemistry
- 6 pc. - 4 oz. Amazon Black & Soft Water Conditioner
- 6 pc. - 4 oz. Amazon Bio-Colorant

24 pc - 4 oz bottles

CONTENTS

- 4 pc. - 16 oz. Cichlid Vitamins & Amino Acids
- 4 pc. - 16 oz. Cichlid Proper Water Chemistry
- 4 pc. - 16 oz. Amazon Black & Soft Water Conditioner
- 4 pc. - 16 oz. Amazon Bio-Colorant
- 16 pc. - 16 oz. bottles

- 6 pc. - 4 oz. Cichlid Vitamins & Amino Acids
- 6 pc. - 4 oz. Cichlid Proper Water Chemistry
- 6 pc. - 4 oz. Amazon Black & Soft Water Conditioner
- 6 pc. - 4 oz. Amazon Bio-Colorant

24 pc - 4 oz bottles

CONTENTS

- 8 pc. - 16 oz. Goldfish Color Enhancer
- 8 pc. - 16 oz. Goldfish Water Conditioner
- 16 pc. - 16 oz. bottles

- 6 pc. - 4 oz. Goldfish Color Enhancer
- 6 pc. - 4 oz. Goldfish Water Conditioner
- 12 pc. - 2 oz. Beginner Goldfish Care

24 pc. - 12- 2 oz., and 12- 4 oz. bottles

SPECIALTY FISH CARE PRODUCTS

Instructions on the back of the hang cards are in 6 languages: English, Dutch, German, French, Spanish and Italian.



Salt Water Check

- Check the salt levels in your water

SALT WATER

ITEM #	SIZE	DIRECTIONS
TESTSALT	Contains 50 Test Strips	TEST PROCEDURE: 1) Dip one test strip into water sample (with a pH between 5.5 and 9.5) for 2 seconds. 2) Remove the strip and shake once, briskly, to remove excess water. Wait 20 seconds. 3) Match with the closest color within the next 30 seconds. Read salt concentration.



5 in 1

- Nitrate
- Nitrite
- Total Hardness
- Total Alkalinity
- pH

FRESH WATER

ITEM #	SIZE	DIRECTIONS
TEST5	Contains 50 Test Strips	TEST PROCEDURE: 1) Dip one test strip into water for 2 seconds. 2) Remove the strip and shake once, briskly, to remove excess water. Wait 25 seconds. 3) Match pH, Total Alkalinity, & Total Hardness (in this order). Match Nitrite & Nitrate colors at 1 minute.



Ammonia

- Allows you to easily monitor Ammonia levels to keep the water quality safe for fish and other aquatic life

FRESH WATER

ITEM #	SIZE	DIRECTIONS
TESTAMM	Contains 50 Test Strips	TEST PROCEDURE: 1) Add 2 mls. of water sample to be tested to vial. 2) Dip one Microbe-Lift® Ammonia ReagentStrip™ into the sample for 30 seconds with a gentle, steady up and down motion. 3) Remove and discard the strip. 4) After 3 minutes, using the enclosed color chart card, match vial to closest color.



Nitrate/Nitrite

- Helps to determine if aquarium water is cycling
- Helps easily monitor fluctuating levels of:
Nitrate which can stimulate unwanted algae growth and Nitrite which can be harmful to fish

SALT & FRESH WATER

ITEM #	SIZE	DIRECTIONS
TESTNITR	Contains 50 Test Strips	Freshwater: Dip one test strip into the water sample for 2 seconds. Remove and hold level, do not shake. Wait 1 minute and match to best color on the color chart. Complete matching within 15 seconds. Saltwater: Dip one test strip into the water sample for 2 seconds. Remove and hold level, do not shake. Wait 1 minute and match Nitrite (second pad) to best color on the color chart. At 2 minutes match Nitrate (first pad) to best color on the color chart. Complete all matching within 15 seconds.

WATER TEST KITS



Test 3

- For Nitrite, pH & total Alkalinity

SALT WATER

ITEM #	SIZE	DIRECTIONS
TEST3	Contains 50 Test Strips	TEST PROCEDURE: 1) Dip one test strip into water for 2 seconds. 2) Remove the strip and shake once, briskly, to remove excess water. Wait 20 seconds. 3) Compare the test strips with the color chart on the bottle within the next minute.



Chlorine/Chloramine

Allows you to safely:

- Use tap water for water changes
- Top off your pond and aquarium
- Reduces the potential for toxicity due to Chlorine or Chloramine

FRESH WATER

ITEM #	SIZE	DIRECTIONS
TESTCHLR	Contains 50 Test Strips	TEST PROCEDURE: 1) Dip one test strip into water sample for 10 seconds with constant, gentle, back-and-forth motion. 2) Remove the strip and shake once briskly, to remove excess water. 3) Wait an additional 10 seconds. Match the green and blue pads to the closest color blocks on the color chart shown on the bottle. Complete within 25 seconds.



Phosphate

- Managing Phosphate levels is the most natural way to avoid Algae blooms

SALT & FRESH WATER

ITEM #	SIZE	DIRECTIONS
TESTPHOS	Contains 50 Test Strips	TEST PROCEDURE: 1) Add the water sample to be tested to the top line of one vial. Dip one (1) phosphate strip for freshwater or two (2) strips for saltwater into the vial for 30 seconds with a constant, gentle up and down motion. Remove the strip from the vial and discard. 2) The sample water in the vial will be yellow (0.0 ppm), green (0.2-1.0 ppm) or blue (>2.0 ppm), depending on the concentration of phosphate. Place the sample vial on the white circles. Viewing from the top, slide the vial between the color spots until the best color match is found. The best color match equals the phosphate concentration. Complete the color matching within 30 seconds.

Introducing two New 100% ALL NATURAL HERBAL EXPELLANT Water Conditioners for a Natural Aquatic Environment!



MICROBE-LIFT/Artemiss™

MICROBE-LIFT/Artemiss is a unique, herbal, immune-enhancing stimulant, which reduces bacterial and fungal infections in fish showing symptoms, such as: fin and tail rot, ulcers, bulging eyes (Exophthalmia), milky skin, raised scales, mouth rot/fungus and dropsy (Ascites). MICROBE-LIFT/Artemiss will help boost the natural immune system of the fish with no risk of building up future resistance, as can occur when antibiotics are used.

MICROBE-LIFT/Artemiss will help to drive pathogenic bacteria off the fish and, without a host, ultimately results in the death of the bacteria. MICROBE-LIFT/Artemiss is effective at reducing bacterial infections as well as ulcers and wounds, which often occur on goldfish. Regular antibiotics may kill non-resistant bacteria, but will not heal ulcers and will leave an open wound or ulcer sensitive to reinfection. Even with deep ulcers— and in a surprisingly short time span— MICROBE-LIFT/Artemiss additionally stimulates and accelerates regeneration of damaged tissue until no trace of the wound remains. So even if an antibiotic treatment is used you should also use MICROBE-LIFT/Artemiss to minimize reinfection.

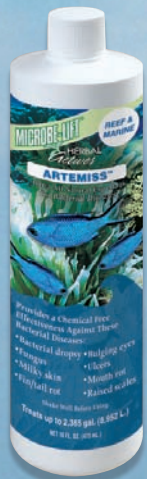
MICROBE-LIFT/Artemiss can be used directly in any tank and is safe for all aquatic life. It is also a great aide to use when acclimating fish to a new environment.

Antibiotic treatments pose many problems for water quality as well as kill nitrifying bacteria in the biofilter so that daily water changes become necessary in order to prevent ammonia poisoning.

Q: If MICROBE-LIFT/Herbtana and Artemiss do not kill off nitrifying bacteria in the filter, how are they still affective against pathogenic bacteria?

A: MICROBE-LIFT/Herbtana and Artemiss are not biocides! They are natural immune system stimulants. Being such, when either product is used, no bacterial populations are affected in the water or filtration system.

MICROBE-LIFT/Herbtana and Artemiss do not degrade water quality— saving you both time and money. During treatment with these products, your fish can be fed normally and filtration can remain in normal operation, all aiding the well-being and recovery of your fish. Although using a quarantine tank will always be safer and more economical. MICROBE-LIFT/Herbtana and Artemiss can be safely used in community tanks.

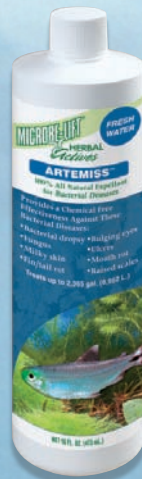


REEF & MARINE

Artemiss™

Effective against these bacterial diseases:

- Bacterial dropsy
- Fungus
- Milky skin
- Fin/tail rot
- Bulging eyes
- Ulcers
- Mouth rot



FRESH WATER

Artemiss™

Effective against these bacterial diseases:

- Bacterial dropsy
- Fungus
- Milky skin
- Fin/tail rot
- Bulging eyes
- Ulcers
- Mouth rot

ITEM #	SIZE	TREATS	DOSAGE RATES
ARTSW04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,233 L.)	Add 1 mL for 5 gal. (19 L.), or add 5 mL for 25 gal. (95 L.), for 10 days.
ARTSW08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,467 L.)	
ARTSW16	16 fl. oz. (473 mL)	Treats up to 2,365 gal. (8,952 L.)	
ARTSW64	64 fl. oz. (1,893 L)	Treats up to 9,465 gal. (35,829 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
ARTFW04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,233 L.)	Add 1 mL for 5 gal. (19 L.), or add 5 mL for 25 gal. (95 L.), for 10 days.
ARTFW08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,467 L.)	
ARTFW16	16 fl. oz. (473 mL)	Treats up to 2,365 gal. (8,952 L.)	
ARTFW64	64 fl. oz. (1,893 L)	Treats up to 9,465 gal. (35,829 L.)	

Caution:

Do not use with any other medications or treatments.
Do not use with any algacides or copper based products.
Remove any carbon in your system as carbon will filter out the Natural Expellants.

MICROBE-LIFT/Herbtana

MICROBE-LIFT/Herbtana is a unique, herbal, immune-enhancing stimulant, which reduces: skin flukes (Gyrodactylus), gill flukes (Dactylogyus), Ich (Ichthyophthirius Multifillis), Oodinium, Costia (Ichthyobodo Necater), Chilonella and Trichodina. Parasite infections are characterized by symptoms, such as: milky skin, flashing and heavy breathing. However, they can only be diagnosed with certainty through microscopic examination.

Naturally controlled by the fish's immune system, parasites are present on most fish in very low levels at all times. When stress levels increase, the ability of the immune system to respond to its requirement to control the natural level of parasites is directly affected. This poor response allows parasites to increase in number, thus causing any of the serious, above mentioned health issues in the host fish. MICROBE-LIFT/Herbtana supports the fish's immune system, driving off the excess parasites. Since they cannot return to the fish during that treatment, the majority of the parasites will starve without a host. So, although MICROBE-LIFT/Herbtana does not directly kill parasites, it is ultimately responsible for their death.



Q: Why should I use MICROBE-LIFT/Herbtana and MICROBE-LIFT/Artemiss instead of antibiotics and other treatments?

A: Antibiotics, antiparasitics or chemotherapeutics:

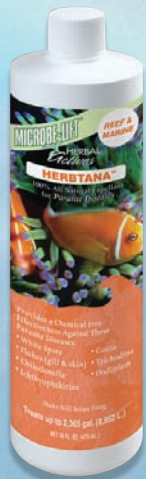
- Can kill the nitrifying (biofilter which results in water quality problems)
- May result in the development of resistant bacteria
- Can lower the activity of the fish's immune system
- May have negative impact on sensitive fish species and plants
- Can affect silicone sealing

Benefits of MICROBE-LIFT/Herbtana and MICROBE-LIFT/Artemiss

- 100% Natural
- Does not result in resistance
- Nontoxic
- Environmentally friendly
- Artemiss is effective against pathogenic bacteria such as Aeromonas sp., Pseudomonas sp., Cytophaga/ Flavobacterium/ Flexibacter sp., and also many antibiotic-resistant bacteria strains
- Herbtana is effective against parasites such as Gyrodactylus sp., Dactylogyus sp., Chilodonella sp., Trichodina sp., Ichthyophthirius Multifillis, Ichthyobodo Nectar and Oodinium sp.,
- When used as directed is safe for all salt, fresh and brackish water fish. Also reef safe and safe for plants.
- Does not affect nitrifying bacteria (biofilter bacteria)
- Does not color the water or stain or affect silicone sealings
- No harmful residues MICROBE-LIFT/Herbtana and Artemiss are completely biodegradable
- More effective than home remedies

In most cases, fish diseases are caused by bad living conditions, such as: overcrowding, poor water quality or an improper biotope. To prevent recurrence, examine the underlying cause of the problem. Quarantine new fish for at least 4 weeks. A single dose of Artemiss will help the fish quickly acclimate to its new environment.

When water is poor, the immune system of the fish cannot be enhanced by MICROBE-LIFT/Herbtana or Artemiss. Ammonia and Nitrite should not be above 0.4 ppm and the pH must be on a level suitable for the particular species of fish.



REEF & MARINE

Herbtana™

Effective against these parasite diseases:

- White spots
- Costia
- Flukes (gill & skin)
- Trichodina
- Oodinium
- Chilodenella
- Ichthyophthirius

**Reef Safe
Against
Saltwater
Ick!**



FRESH WATER

Herbtana™

Effective against these parasite diseases:

- White spots
- Costia
- Flukes (gill & skin)
- Trichodina
- Oodinium
- Chilodenella
- Ichthyophthirius

ITEM #	SIZE	TREATS	DOSAGE RATES
PLANSW04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,233 L.)	Add 1 mL for 5 gal. (19 L.), or add 5 mL for 25 gal. (95 L.), for 10 days.
PLANSW08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,467 L.)	
PLANSW16	16 fl. oz. (473 mL)	Treats up to 2,365 gal. (8,952 L.)	
PLANSW64	64 fl. oz. (1,893 L.)	Treats up to 9,465 gal. (35,829 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
PLANFW04	4 fl. oz. (118 mL)	Treats up to 590 gal. (2,233 L.)	Add 1 mL for 5 gal. (19 L.), or add 5 mL for 25 gal. (95 L.), for 10 days.
PLANSW08	8 fl. oz. (236 mL)	Treats up to 1,180 gal. (4,467 L.)	
PLANSW16	16 fl. oz. (473 mL)	Treats up to 2,365 gal. (8,952 L.)	
PLANSW64	64 fl. oz. (1,893 L.)	Treats up to 9,465 gal. (35,829 L.)	

LIQUID FISH HEALTH CARE

Products for Salt & Fresh Water



Protectant

- Protects fish, amphibians & invertebrates
- Eases stress
- Adds a multi-part skin-slime replacer



NEW

Lice & Anchor Worm

Not recommended for use with Crustaceans

For the treatment of conditions caused by:

- Fish lice (Argulus)
- Anchor worm (Lerea) fish and tetras

ITEM #	SIZE	TREATS	DOSAGE RATES
PROA04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	Add 1 tsp. (5 mL.) per 10 gal. (38 L.), or 1 fl.oz. per 60 gal. (227 L).
PROA08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
PROA16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
PROA64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
PROAG1	1 gal. (3,785 L.)	Treats up to 7,680 gal. (29,071 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
LAW04	4 fl. oz. (118 mL)	Treats up to 480 gal. (1,817 L.)	Add 1 tsp. (5 mL.) per 20 gal. (76 L.), or 1 fl.oz. per 120 gal. (454 L.).
LAW08	8 fl. oz. (236 mL)	Treats up to 960 gal. (3,633 L.)	
LAW16	16 fl. oz. (473 mL)	Treats up to 1,920 gal. (7,268 L.)	
LAW64	64 fl. oz. (1,893 L.)	Treats up to 7,680 gal. (29,071 L.)	
LAWG1	1 gal. (3,785 L.)	Treats up to 15,360 gal. (58,144 L.)	



Restore

- Reduces losses
- Protects fish
- May be used during transportation and handling
- Complements bath treatments
- Adds a multi-part skin-slime replacer
- Adds vitamin B12



Ich-Out

- Treats "ich" diseases in freshwater and saltwater
- Safe for use on most scaleless fish and tetras

ITEM #	SIZE	TREATS	DOSAGE RATES
RESTA04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	To condition water add 1 tsp. (5 mL.) for each 10 gal. (38 L.) of water.
RESTA08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
RESTA16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
RESTA64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
RESTAG1	1 gal. (3,785 L.)	Treats up to 7,680 gal. (29,071 L.)	

ITEM #	SIZE	TREATS	DOSAGE RATES
ICHA04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	Add 1 tsp. (5 mL.) per 10 gal. (38 L.), or 1 fl.oz. per 60 gal. (227 L.).
ICHA08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
ICHA16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
ICHA64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
ICHAG1	1 gal. (3,785 L.)	Treats up to 7,680 gal. (29,071 L.)	



Defend

Treatment for disease of aquarium fish caused by fungi, protozoans, bacterial and more.

ITEM #	SIZE	TREATS	DOSAGE RATES
DEFA04	4 fl. oz. (118 mL)	Treats up to 240 gal. (908 L.)	Add 1 tsp. (5 mL.) per 10 gal. (38 L.), or 1 fl.oz. per 60 gal. (227 L.).
DEFA08	8 fl. oz. (236 mL)	Treats up to 480 gal. (1,817 L.)	
DEFA16	16 fl. oz. (473 mL)	Treats up to 960 gal. (3,633 L.)	
DEFA64	64 fl. oz. (1,893 L.)	Treats up to 3,840 gal. (14,535 L.)	
DEFAG1	1 gal. (3,785 L.)	Treats up to 7,680 gal. (29,071 L.)	

MICROBE-LIFT/Liquid Fish Health Care Products

40 Piece Display -

Item #HAD40MED



CONTENTS

- 4 pc. - 16 oz. Restore
- 4 pc. - 16 oz. Ich-Out
- 4 pc. - 16 oz. Protectant
- 4 pc. - 16 oz. Defend

16 pc. - 16 oz. bottles

- 6 pc. - 4 oz. Restore
- 6 pc. - 4 oz. Ich-Out
- 6 pc. - 4 oz. Protectant
- 6 pc. - 4 oz. Defend

24 pc. - 4 oz. bottles

Liquid Fish Health Care Starter Kit

4 Pack - Item #HA4PKMED



CONTENTS

- 1 pc. - 4 oz. Restore
- 1 pc. - 4 oz. Defend
- 1 pc. - 4 oz. Ich-Out
- 1 pc. - 4 oz. Protectant
- 4 pc. - 4 oz. bottles

DRY FISH HEALTH CARE

*Products for
Salt &
Fresh Water*



Praziquantel (Powder)

use for

- Treatment of Praziquantel-susceptible diseases of aquarium fish
- Tapeworm • Flatworm • Flukes

ITEM #	SIZE	TREATS	DOSAGE RATES
PRAZI3.5	3.5 oz. (100 g.)	Treats up to 360 gal. (1,363 L.)	Add 1 tsp. (5 mL) per 20 gal. (70 L.)



Metronidazole (Powder)

use for

- Hole-in-the-Head disease
- Head-and-Lateral-Line disease
- Treatment of "Ich"

ITEM #	SIZE	TREATS	DOSAGE RATES
METRO3.5	3.5 oz. (100 g.)	Treats up to 100 gal. (380 L.)	Add 1 capful per 10 gal. (38 L.)



Gram Negative/ Gram Positive (Powder)

use for

- Mouth "Fungus"
- Fin & tail rot
- Furunculosis
- Bacterial Gill disease
- "Black Molly" disease

ITEM #	SIZE	TREATS	DOSAGE RATES
NEGPOS3.4	3.4 oz. (97 g.)	Treats up to 100 gal. (380 L.)	Add 1 capful per 10 gal. (38 L.)



MICROBE-LIFT/Powdered Fish Health Care Products

18 Piece Display - Item #HAD18MED

CONTENTS

- 6 pc. - 3.5 oz. Praziquantel
- 6 pc. - 3.5 oz. Metronidazole
- 6 pc. - 3.4 oz. Gram Negative/Gram Positive
- 18 pc. - screw top jars

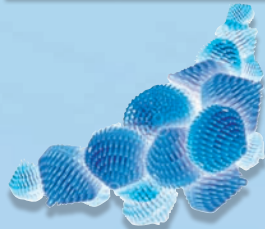




NEW Bulk Mini Pads No Liquid Bacteria

- Allows for high water flow without clogging
- Fits into most filters and skimmers
- Traps suspended dirt and debris
- Put into "Master" media bags for direct placement in the sump
- May be replaced or cleaned

ITEM #	SIZE	TREATS	DOSAGE RATES
BSPAD500	500 pc. box	See label	The quantity to use is limited only by the design and capacity of your filter.
BSPAD1000	1,000 pc. box		



NEW Bulk Pinballs No Liquid Bacteria

- Ideal for nitrifying bacteria to colonize and thrive on
- 2 gallons (148 pre-colonized balls) has over 22,000 pins, 40 sq. ft. of surface area
- Fits most skimmers and filters

ITEM #	SIZE	TREATS	DOSAGE RATES
BBALL125	125 pc. box	1 cubic ft. = 600 Pinballs	The quantity to use is limited only by the design and capacity of your filter.
BBALL250	250 pc. box		
BBALL500	500 pc. box		
BBALL1000	1,000 pc. box		
BBALL2000	2,000 pc. box		

NEW Biological Ceramic Rings In pre-packed media bags

- Porous structure gives these rings many times more surface area than other media
- Optimum surface area supports large bacterial colonies
- Does not break down like other media
- Pre-colonized with MICROBE-LIFT/Liquid Nitrifying Bacteria

ITEM #	SIZE	DOSAGE RATES
BCR	3- 2 lb. pre-colonized bags of ceramic rings, 64 oz. of liquid Nite-Out II Bacteria	The Biological Ceramic Rings may be recharged (recharge by cleaning monthly). After cleaning be sure to re-colonize the Biological Ceramic Rings by soaking in MICROBE-LIFT/Nite-Out II™, nitrifying bacteria for immediate nitrification. For best results change the bags every 4-6 months. Place at the final stage of filtration or place in "Master" Media Bags directly into your filter or sump. Use 1 bag for up to 150 gal. of water. Test your water weekly!



NEW Biological Pin Balls

- Ideal for nitrifying bacteria to colonize and thrive on
- 1 gallons (74 pre-colonized balls) has over 11,000 pins, 20 sq. ft. of surface area
- Fits most skimmers and filters
- Pre-colonized with MICROBE-LIFT/Liquid Nitrifying Bacteria

ITEM #	SIZE	DOSAGE RATES
BPB	74 pcs. of pre-colonized pin balls, 96 oz. Nite-Out II Bacteria	The quantity to use is limited only by the design and capacity of your filter.

NEW Biological Mini Pads

- Allows for high water flow without clogging
- Fits into most filters and skimmers
- Traps suspended dirt and debris
- May be replaced or cleaned and re-colonized
- Put into "Master" media bags for direct placement in your aquarium
- Pre-colonized with MICROBE-LIFT/Liquid Nitrifying Bacteria

ITEM #	SIZE	DOSAGE RATES
BMP	100 Biological Mini Pads, 96 oz. of Nite Out II Bacteria	After cleaning be sure to re-colonize the Biological Mini Pads by soaking in MICROBE-LIFT/Nite-Out II™, nitrifying bacteria for immediate nitrification. For best results change every 4 months.

EASY MAINTENANCE Products



Soy-Based Ornament & Rock Cleaner

- A special blend of soy-based chemistry cleans ornaments and rocks
- Uses renewable soybean resources
- Powerful and safe removal of organic debris and mineral deposits
- Environmentally friendly
- Not harmful to fish or other aquatic life

ITEM #	SIZE
ORC08	8 fl. oz. (236 mL)
ORC32	32 fl. oz. (946 mL)





NEW Carbon

- Removes odors & colors
- Removes medication & organic pollutants
- Removes liquified impurities
- Highest grade available
- Last twice as long as most Carbons
- Treats twice as much as most Carbons

ITEM #	SIZE	DOSAGE RATES
CARASM	5 oz. (141 g.)	Average use: Add 1- 1.5 oz. per 10 gal. (38 L.) of water
CARAMD	10 oz. (283 g.)	
CARALG	20 oz. (1 lb. 4 oz.) (567 g.)	



NEW Carbon & Zeolite

- Removes Ammonia
- Improves water quality
- Reduces fish stress
- Removes odors & colors
- Removes medication & organic pollutants
- Removes liquified impurities
- Helps clear turbid water

ITEM #	SIZE	DOSAGE RATES
CARZASM	7 oz. (198 g.)	Average use: Add 2-3 oz. per 10 gal. (38 L.) of water
CARZAMD	14 oz. (397 g.)	
CARZALG	28 oz. (794 g.) (1 lb. 12 oz.)	



NEW Zeolite

- Removes Ammonia
- Improves water quality
- Reduces fish stress
- Protects against Ammonia spikes

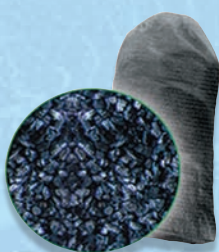
ITEM #	SIZE	DOSAGE RATES
ZEOASM	9 oz. (255 g.)	Average use: Add 2-3 oz. per 10 gal. of water.
ZEOAMD	18 oz. (1 lb. 2 oz.) (510 g.)	
ZEOALG	36 oz. (2 lb. 4 oz.) (1,021 g.)	



NEW Ceramic Rings

- Porous structures gives these rings many times more surface area than other media
- Optimum surface area supports large bacterial colonies
- Does not break down like other media

ITEM #	SIZE	DOSAGE RATES
CRINGAMD	12 oz. (340 g.)	The quantity to use is limited only by the design and capacity of your filter.
CRINGALG	24 oz. (1 lb. 5 oz.) (680 g.)	



NEW Super Activated Carbon In pre-packed media bags

- Removes odors & colors
- Removes medication & organic pollutants
- Removes liquified impurities
- Highest grade available
- Last twice as long as most carbons
- Treats twice as much as most carbons

ITEM #	SIZE	DOSAGE RATES
CAR1	20 pc.- 1 lb. pre-packed nylon bags	Typically: Add 5 oz. per 100 gal. of water for 2-3 months.



NEW Carbon Pellets & Zeolite In pre-packed media bags

- Removes Ammonia
- Improves water quality
- Reduces fish stress
- Removes odors & colors
- Removes medication & organic pollutants
- Removes liquified impurities
- Helps clear turbid water

ITEM #	SIZE	DOSAGE RATES
CARZ2	20 pc.- 2 lb. pre-packed nylon bags	Typically: Add 7 oz. per 100 gal. of water for 2-3 months.



NEW Zeolite In pre-packed media bags

- Removes Ammonia
- Improves water quality
- Reduces fish stress
- Protects against Ammonia spikes

ITEM #	SIZE	DOSAGE RATES
ZEO2	20 pc.- 2 lb. pre-packed nylon bags	Add 9 oz. per 100 gal.



NEW Ceramic Rings In pre-packed media bags

- Porous structures gives these rings many times more surface area than other media
- Optimum surface area supports large bacterial colonies
- Does not break down like other media
- **Pre-colonized with MICROBE-LIFT/Dry Heterotrophic Bacteria**

ITEM #	SIZE	DOSAGE RATES
CRING2	20 pc.- 2 lb. pre-packed nylon bags	The quantity to use is limited only by the design and capacity of your filter.

Pre-Packs & Endcaps

Our pre-packs provide you major discounts and saves you ordering time as well. Call for sell sheets which include item number, quantity, prices and discounts for each shelf pre-pack and endcap.



MICROBE-LIFT/ Master 12- 2' Shelf Display

Header card is *not* included*.
Item #HASDM2



MICROBE-LIFT/Reef & Marine- 3' Shelf Display

Header card is *not* included*.
Item #HASDR3



MICROBE-LIFT/Aquarium Specialty- 3' Shelf Display

Header card is *not* included*.
Item #HASDAS3



MICROBE-LIFT/ Master 12- 4' Shelf Display

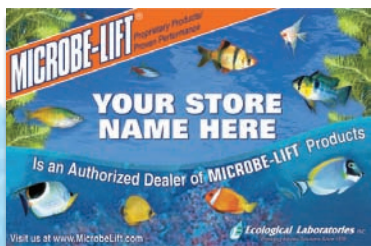
Header card is *not* included*.
Item #HASDM4



MICROBE-LIFT/Fresh Water- 3' Endcap Display

Header card *is* included.
Item #HAENDFW3

* Header cards, in several different sizes, are sold on page 38



**MICROBE-LIFT/
Custom Store
Window Sign
18" w x 12" h**

FREE store sign with a qualifying order- speak to your salesperson
Item #POPSGNCSW

**PRE-
PACKED
GROUPINGS**
THAT MAKE SENSE &
**SAVES
YOU DOLLARS**

**The MICROBE-LIFT
Independent look**



In addition to providing you with the best product technologies at Ecological Laboratories we are committed to help our dealers succeed in every way.

Product training, artwork, DVD's and attractive signage are only part of the program. Please call your local sales representative to see how we can help you.



**MICROBE-LIFT/Reef & Marine-
4' Endcap Display**

Header card *is* included.
Item #HAENDR4



**MICROBE-LIFT/Reef & Marine-
3' Endcap Display**

Header card *is* included.
Item #HAENDR3

Small Posters
Dimensions: 8" x 12"



MICROBE-LIFT
Salt & Fresh
Small Store Poster
Item #POPSGNHA08



MICROBE-LIFT
Reef Aquarium
Small Store Poster
Item #POPSGNHA06



MICROBE-LIFT
Reef Liquid Food
Small Store Poster
ITEM #POPSGNHA09



MICROBE-LIFT
Bacterial Additives
Small Store Poster
Item #POPSGNHA03



MICROBE-LIFT
Cycle Aquarium
Small Store Poster
Item #POPSGNHA01



MICROBE-LIFT
Fish Food Enhancers
Small Store Poster
ITEM #POPSGNHA05



MICROBE-LIFT
Salt Water
Small Store Poster
Item #POPSGNHA07



MICROBE-LIFT
Cichlid
Small Store Poster
Item #POPSGNHA02



MICROBE-LIFT
Fresh Water
Small Store Poster
ITEM #POPSGNHA04



**MICROBE-LIFT
Bacterial Additives
Medium Store Poster**

Dimensions: 12.5" x 16.375"
Item #POPSGNHABAC

Light Box Film

Item #POPFILMHABAC



**MICROBE-LIFT
Fish Health
Medium Store Poster**

Dimensions: 12.5" x 16.375"
Item #POPSGNHAMED

Light Box Film

Item #POPFILMHAMED



**MICROBE-LIFT
Reef Aquarium
Medium Store Poster**

Dimensions: 12.5" x 16.375"
Item #POPSGNHAREEF

Light Box Film

Item #POPFILMHAREF



**MICROBE-LIFT
Black Water Products
Medium Store Poster**

Dimensions: 12.5" x 16.375"
Item #POPSGNHABW

Light Box Film

Item #POPFILMHABW

Light Boxes & Back Lit Films

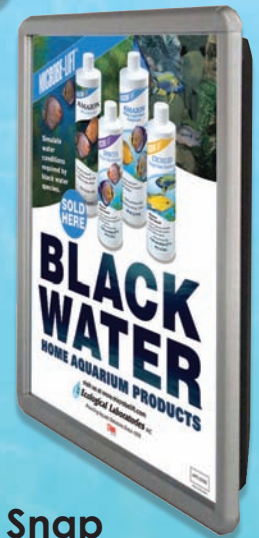
New, Fresh and Modern!
Ecological Laboratories Inc. brightens your sales with these striking light boxes and beautiful, full-color light films. Thin and efficient on space, they can be used two ways: free-standing, mounted upright on their matching stands or hung on a wall. Easily change their films and mountings to freshen your look as frequent as you want!

Home Aquarium
**IN STORE
DISPLAYS**



**Pedestal
Stand**

Item #POPSTANDTHIN



**Snap
Frame Only**

Item #POPLTEBXTHIN

Ultra Thin Snap Frame & Base

Exciting and modern, this sleek, curved base is paired with a versatile, ultra thin, 16" x 20" silver Snap-Frame lightbox, making film changes a snap! The lightbox easily screws onto its heavy-duty, weighted base in a VERTICAL position only!

Pre drilled recessed D-hooks on the 3" profile Snap-Frame lightbox also make it convenient for vertical or horizontal wall hanging!



MICROBE-LIFT Home Aquarium Sign

Dimensions: 24" x 12" - Item #POPHEADHA24
(Coroplast Board)



MICROBE-LIFT Home Aquarium Sign

Dimensions: 39" x 12" - Item #POPHEADHA39 - Fits the large aquarium display rack or it may be used alone.
(Coroplast Board)



MICROBE-LIFT Home Aquarium Sign

Dimensions: 48" x 24" - Item #POPHEADHA48 - Perfect header for a 4' section on a gondola. (Photo Paper)



MICROBE-LIFT Home Aquarium Sign

Dimensions: 48" x 12" - Item #POPHEADHA - Perfect header for a 4' section on a gondola. (Photo Paper)



MICROBE-LIFT Home Aquarium Vinyl Outdoor Banner

Dimensions: 60" x 24" - Item #POPBANHA (Indoor/Outdoor)

In-Store Signage

Ecological Laboratories Inc. has a whole new array of colorful, versatile and efficient MICROBE-LIFT aquarium product signage to help distinguish our brand and drive your in-store traffic to our nationally advertised products!



MICROBE-LIFT Flexible Stand

This convenient, light-weight, flexible stand is quick to set up, move, store, and/or take down! The 24" x 60" vertical, grommeted, plastic-coated vinyl banners easily attach. The banners can also be used for wall hanging!

Stand Only:

Item #POPSTANDFLEX

MICROBE-LIFT Home Aquarium Vertical Banner

Use with Flexible Stand.

Dimensions: 24" x 60"

Banner Only:

Item #POPBANHASOLD





Digital Imagery CD

As a service to our dealers, we offer a digital image library of the complete MICROBE-LIFT product line, conveniently available upon request. This CD set is formatted for both MAC & PC. All images are in: hi- & lo-resolutions; full-color & B/W; eps, tiff, bmp and jpg files for print or web use.

Item #POPCDARTHA



front



back

Lionfish T-Shirt

Available in:

- Small - Item #POPSHIRTASM
- Medium - Item #POPSHIRTAMD
- Large - Item #POPSHIRTALG
- XLarge - Item #POPSHIRTAXL
- XXLarge - Item #POPSHIRTAXXL



33rd Anniversary Pond Fountain & Birdbath Catalog

Our pond product line is featured in this full-color 32 page catalog, containing explicit product descriptions, dosage rates and other important information.

Item #POPLITCATP



Small Display Rack

Item #POPRACKSM4

Display

At your request - FREE DISPLAY with a qualifying order. Mix and match the items that best suit your location.

Header Card

Header Card must be specified on order.

Use with above rack.

Item #POPHEADHASM

Large Display Rack

Item #POPRACKHA

Display

At your request - FREE DISPLAY with a qualifying order. Mix and match the items that best suit your location.

Header Card

Header Card must be specified on order.

Item #POPHEADHA39



Authorized U.S. Distributors

- African Northwest, Seattle, WA
- All Seas Fisheries, Miami, FL
- All Seas Marine, Inc., Torrance, CA
- Aquarium Life Support, Knoxville, TN
- Blue Sky Pet Supply, Salt Lake City, UT
- Bradley Caldwell, Hazleton, PA
- Craigs Aquatic Specialties, Indian Orchard, MA
- DFW Aquarium Supplies, Arlington, TX
- Fedko Enterprises, Ransomville, NY
- First Coast Pet Supply, Inc., Jacksonville, FL
- General Pet, Milwaukee, WI
- G + G, Lorton, VA
- LeeMar, Vista, CA
- Lonestar Pet Supply, Scherz, TX
- Louis Barecca Pet Supply, Kenner, LA
- Loveland Pet Products, Mason, OH
- Mattson's Pet Supplies, Inc., St. Cloud, MN
- Naja Aquarium, Milwaukee, WI
- OFA Corals, Crystal Lake, IL
- Pan Ocean Aquarium, Hayward, CA
- Quality Pet Supply, Oklahoma City, OK
- R.J. Ray Distributing, Pontiac, MI
- Royal Pet Supply, Brentwood, NY
- Royal Pet Supply, FL
- Southeast Pet, Austell, GA
- S&S Supplies, Fairfield, CA
- Summit Pet Products, Greensboro, NC
- TFD of Indiana, Fishers, IN
- Trident Pet Supply, Edmonton, AB Canada
- Tropical Haven, Turlock, CA
- Wilson Pet Supply Inc., Hanover, IL
- Wolverton, Inc., Lansing, MI

Authorized Foreign Distributors

Brazil (exclusive)

Aquarium Alimentos Para Peixes
Phone: 011 5511 3660 3500
Fax: 011 5511 3666 1797
Email: contato@aquariumbr.com.br

Germany

U.S.- Aquarainer- Treff
Mr. Oliver Schultheiss
Phone: +49 0911/5405144
Email: mail@us-aquarium-products.de

Hong Kong/Macau

Wellon Aquarium & Pet Products Ltd.
Gilbert
Phone: 852-2436-1818
Email: wellon@netvigator.com

Israel (exclusive)

Global Pets
Mr. Yaron Cohen
Phone: 972 4 6308351
Email: g-pets@actcom.net.il

Mexico (exclusive)

Importadora y Exportadora Monzerrat de Mexico,
S.A. de C.V.
Mr. Roberto Ladron de Guevara Jara
Phone: 55 1794-0262 Mexico D.F.
Email: monzerrat@monzerrat.com

Poland

Zoofokus
Mr. Cezary Skatulski
Phone: (22) 855-45-19
Email: zoofokus@zoofokus.pl

Turkey (exclusive)

Kaya Pet Dis Tic Ltd Sti
Phone: 0216 327 18 82/94
Fax: 0216 545 26 71
Email: info@kayapet.com.tr

United Kingdom, Ireland & Scotland (exclusive)

J&K Aquatics Ltd.
Phone: 0044 1823 327227
Fax: 0044 1823 327226
Email: info@jnk-aquatics.co.uk



**Manufactured by
Ecological Laboratories INC.**

U.S.A. Corporate Office

Lynbrook, NY 11563
Email: info@microbelift.com,
for international inquiries,
Email: international@microbelift.com

Factory & Distribution

Cape Coral, FL. 33909

Middle East Office

Nahhas World Business Center
Email: mohamadnahhas@yahoo.com
Phone: 009626 5682137
Fax: 009626 5665352

MICROBE-LIFT[®]

Aquarium Products

Webstore

www.MicrobeLiftWebstore.com

for B2B (dealers only)

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