

MICROBE-LIFT[®]

**DEMAND
THE
BRAND**



WHY

Use Microbe-Lift Aquarium Products?

Naturally CYCLES *Freshwater & Saltwater* AQUARIUMS FAST



Nitrogen Gas (N_2)

Gaseous nitrogen bubbles harmlessly to the surface where it is released to the air, which is 78% nitrogen gas

Denitrification

The reduction of nitrate in filtered aquarium anoxic zones

MICROBE-LIFT/Special Blend

(already added in step #1) contains denitrifiers that function without oxygen. These select microbes can remove nitrate in the aquarium by converting it to nitrogen gas under the anoxic conditions that exist in aquarium filters and their biofilms

Nitrate (NO_3^-)

A nutrient source for plants and algae

Nitrobacter sp. & *Nitrospira sp.*

MICROBE-LIFT/Nite-Out II

(already added in step #2) provides the necessary *Nitrobacter sp.* and *Nitrospira sp.* bacteria required for the oxidation of nitrite to nitrate in the aquarium filter.

Nitrosomonas sp.

(contained in MICROBE-LIFT/Nite-Out II)

Converts ammonia to
Nitrite (NO_2^-)

Fish

Sources of Ammonia

In addition to the ammonia released by the fish through their gills, fish waste plus uneaten food protein and dead plant matter are broken down by the aquarium microbiota, generating ammonia

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

MICROBE-LIFT/Nite-Out II
Provides the necessary nitrifying bacteria (*Nitrosomonas sp.*, *Nitrobacter sp.*, and *Nitrospira sp.*) required for the biological nitrification process, and assures the continued removal of toxic ammonia.

Category of Products Available

- **Water Conditioning Kits**
- **Freshwater Products**
- **Saltwater Products**
- **Products for Salt & Freshwater Environments**
- **pH Conditioning Products**
- **Reef Products**
- **Betta, Goldfish, Discus Products**
- **Natural Health Care Products**
- **Bioactive Filter Media**
- **Test Strips**

Core Bacterial Products

Special Blend

A Complete Ecosystem in a Bottle



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

Nite-Out II™

Nitrifying Bacteria Specially Formulated for Rapid Ammonia and Nitrite Reduction



- Decreases ammonia & nitrite toxicity

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

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

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!

Also available (not shown):

- Clarifier Plus
- XTreme™
- Aquatic Stress Relief
- Dechlorinator + Water Conditioner
- Ammonia Remover
- Algaway 5.4
- Clarifier Plus Fresh

Water Conditioner Comparison



Benefits:	DECHLORINATOR + Water Conditioner	Super DECHLORINATOR + Water Conditioner	AQUATIC STRESS RELIEF	AMMONIA REMOVER	Supreme DRY AMMONIA REMOVER	XTreme™
Removes Chlorine	4 mg/L*	5 mg/L**	3.75 mg/L*	2.0 mg/L*	4.5 mg/L***	2.0 mg/L*
Destroys Chloramines	3.0 mg/L*	3.75 mg/L**	3.0 mg/L*	3.2 mg/L*	6.5 mg/L***	3.2 mg/L*
Removes Ammonia	No	No	No	1.0 mg/L*	2.1 mg/L***	1.0 mg/L*
Detoxifies Nitrite	No	No	No	No	Yes	Yes
Detoxifies Heavy Metals	Yes	Yes	Yes	Yes	No	Yes
Adds Multi Part Skin Slime Replacer	Yes	No	Yes	Yes	No	Yes
Adds Electrolytes	Yes	No	Yes	Yes	No	Yes
Boosts Alkalinity	Yes	No	Yes	Yes	No	Yes
Contains Aloe	No	No	Yes	No	No	No

* When used at 1 oz. per 60 gal. of water. ** When used at 1 oz. per 250 gal. of water. *** When used at 1 oz. per 500 gal. of water.

pH Conditioners



Buffer 6.5 pH

Sets Freshwater at a pH of 6.5

Use for:

- Tap water
- Tank water
- Change water



Buffer 7.0 pH

Sets Freshwater at a pH of 7.0

Use for:

- Tap water
- Tank water
- Change water



Buffer 7.5 pH

Sets Freshwater at a pH of 7.5

Use for:

- Tap water
- Tank water
- Change water



Buffer 8.5 pH

African Cichlids
Sets Freshwater at a pH of 8.5

Use for:

- Tap water
- Tank water
- Change water



pH Buffer/ Stabilizer and KH Alkalinity Supplement

Sets saltwater at a pH of 8.2



Aqua Alkaline Buffer

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



Aqua Acid Buffer

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

Natural Herbal Expellant



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



REEF &
MARINE

Herbtana™

Effective against these parasitic diseases:

- White spot (Ich)
- Costia
- Flukes (gill & skin)
- Trichodina
- Oodinium
- Chilodonella



FRESH
WATER

Herbtana™

Effective against these parasitic diseases:

- White spot (Ich)
- Costia
- Flukes (gill & skin)
- Trichodina
- Oodinium
- Chilodonella

Reef Care



All-In-One Master Supplement

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



Coralline Algae Accelerator

Contains:

- Fine powdered Aragonite
- Over 100,000 mg/L calcium
- Added magnesium and iodide



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!

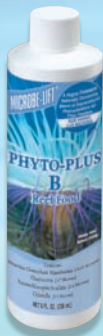
Reef Foods



Phyto-Plus A

Reef Food

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



Phyto-Plus B

Reef Food

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



Zoo-Plus

Reef Food

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



Providing Aquatic Solutions Since 1976

EXECUTIVE OFFICES

13 Hendrickson Ave. Lynbrook, NY 11563
Toll Free: 800-645-2976 • Fax: 866-389-7776
e-mail: dealers@MicrobeLift.com

SHIPPING

2525 N.E. 9th Ave.
Cape Coral, FL 33909

UNITED KINGDOM, IRELAND & SCOTLAND (exclusive distribution)

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

**Microbe-Lift Pond
and Home Aquarium
Catalogs are now
available!**



POPFLIPENG