



MICROBE-LIFT[®]

**DEMAND
THE
BRAND**



WHY

Use Microbe-Lift Aquarium Products?

see reverse for Chinese



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

2 steps
to a
natural,
clean,
clear,
non-toxic
aquarium
environment!

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	No	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)
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- 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!



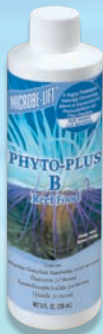
Reef Foods



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



E Ecological Laboratories INC.

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

ASIA OFFICE

Goh Kwang Beng
e-mail: MicrobeLift@ecological-asia.com

MIDDLE EAST OFFICE

Mohamad H. Nahhas
e-mail: mohamadnahhas@yahoo.com

Microbe-Lift Pond and Home Aquarium Catalogs are now Available!



POPFLIPCHNA



MICROBE-LIFT[®]

首选
品牌



为何

非用Microbe-Lift水族馆产品不可？

阅读英文说明请翻背页

迅速且自然地循环淡水 与咸水水族馆



鱼

氮气 (N₂)
氮气重回空气中
空气中氮气占盐 78%

反硝化

减少过滤水族馆内
缺氧区的硝酸盐

MICROBE-LIFT/Special Blend

(已经在步骤一中加入)含
反硝化眼氧菌水族馆过滤器
和它支撑的生物悬浮物提供
有利的环境给这些反硝化军
转化硝酸盐为氮气

硝酸盐 (NO₃⁻)

植物和藻类的重要养分

Nitrobacter sp. & *Nitrospira sp.*

MICROBE-LIFT/Nite-Out II

(已经在步骤中加入)提供所需的
Nitrobacter sp. 和 *Nitrospira sp.* 细菌,
用于转换亚硝酸盐至硝酸盐

只需
2步骤
为你还原
自然、干净、
清澈、无毒
的水族馆
环境!

氨氮的来源

除了鱼通过鳃释放的
氨氮, 还有排泄物,
吃剩的蛋白质鱼食以
及分解后的植物物质

步骤一: 加入

MICROBE-LIFT/Special Blend

注入特选组合的
菌种增进有机废物的
分解率并增强
过滤器的功效

步骤二: 加入

MICROBE-LIFT/Nite-Out II

提供所需的硝化菌
(*Nitrosomonas sp.*,
Nitrobacter sp., 和 *Nitrospira sp.*)
用于生物硝化作用,
确保持续性的氨氮消除

Nitrosomonas sp.

(**MICROBE-LIFT/Nite-Out II** 中的一员)

转换氨氮至亚硝酸盐

Nitrite (NO₂⁻)

Category of Products Available

- 水质调节剂
- 淡水专用产品
- 咸水专用产品
- 淡水、咸水两用产品
- 酸碱调节剂
- 礁石产品
- 斗鱼、金鱼和铁饼鱼产品
- 自然保健产品
- 生物活性过滤媒介
- 检测片

主要细菌产品

Special Blend

完整的瓶中生态系统



- 减少换水和清理的次数
- 保持浴缸洁净、清澈
- 淡水、咸水皆适用
- 不含化学物

Nite-Out II™

为迅速减少氨氮和硝酸盐而配制的
硝化菌种配方



- 减低氨氮和亚硝酸盐所引发的毒性

Gravel & Substrate Cleaner

自然且非腐蚀性



- 自然方法清除淤泥和腐殖土
- 清理率比纯细菌产品快 80%
- 减少及集合营养物质，包括用磷酸盐
- 有机产品且以细菌为主

Gel Filter Cartridge Inoculant



- 每4公升含540亿CFU (菌落形成单位)
- 注入后即刻活跃，没有停滞时段
- 快速稳定平衡水族馆生态
- 用于清理或换过滤器心时
- 每次加入新过滤媒介时使用

TheraP

加强对病菌和寄生虫的抵抗力



- 提供自然水族馆生态环境，维持鱼只的整体健康及水质的品质
- 淡水鱼、咸水鱼都适用
- 不含化学物

其它产品：

- Clarifier Plus
- Xtreme
- Aquatic Stress Relief
- Dechlorinator Plus
- Ammonia Remover
- Algaway 5.4
- Clarifier Plus Fresh

水质调整剂之比较



益处:	DECHLORINATOR + Water Conditioner	Super DECHLORINATOR + Water Conditioner	AQUATIC STRESS RELIEF	AMMONIA REMOVER	Supreme DRY AMMONIA REMOVER	XTreme™
去除氯	4 毫克/公升*	5 毫克/公升**	3.75 毫克/公升*	2.0 毫克/公升*	4.5 毫克/公升***	2.0 毫克/公升*
去除氯氨	3.0 毫克/公升*	3.75 毫克/公升**	3.0 毫克/公升*	3.2 毫克/公升*	6.5 毫克/公升***	3.2 毫克/公升*
去除氨	不能	不能	不能	1.0 毫克/公升*	2.1 毫克/公升***	1.0 毫克/公升*
减除亚硝酸盐	不能	不能	不能	不能	能	能
减除重金属	能	能	能	能	不能	能
增加多层表层软泥替代物	能	不能	能	能	不能	能
增加电解质	能	不能	能	能	不能	能
加强碱性	能	不能	能	能	不能	能
含芦荟	不能	不能	能	不能	不能	不能

* 服用量: 每60加仑水, 1盎司

** 服用量: 每250加仑水, 1盎司

*** 服用量: 每500加仑水, 1盎司

酸碱度调节剂



Buffer 6.5 pH

稳定淡水酸碱度为 6.5

用在:

- 自来水
- 鱼缸水
- 换水时



Buffer 7.0 pH

稳定淡水酸碱度为 7.0

用在:

- 自来水
- 鱼缸水
- 换水时



Buffer 7.5 pH

稳定淡水酸碱度为 7.5

用在:

- 自来水
- 鱼缸水
- 换水时



Buffer 8.5 pH

非洲慈鲷

稳定淡水酸碱度为 8.5

用在:

- 自来水
- 鱼缸水
- 换水时



pH Buffer/ Stabilizer

and KH Alkalinity
Supplement

稳定海水酸碱度为 8.2



Aqua Alkaline Buffer

- 调高酸碱度至
6.0-8.7 之间
- 增加水质硬度



Aqua Acid Buffer

- 调高酸碱度至
8.7-6.0 之间*
- 增加水质硬度

自然草本驱除剂



礁石及
海水

Artemiss™

有效地消除这些
细菌病患:

- 水肿
- 霉菌
- 乳白色皮肤病
- 鱼鳍、鱼尾腐烂
- 凸眼
- 溃疡
- 口腔溃烂



淡水

Artemiss™

有效地消除这些
细菌病患:

- 水肿
- 霉菌
- 乳白色皮肤病
- 鱼鳍、鱼尾腐烂
- 凸眼
- 溃疡
- 口腔溃烂



礁石及
海水

Herbtana™

有效地消除这些
寄生虫病患:

- 白斑
- 漂游口丝虫
- 吸虫(鳃 & 皮肤)
- 车轮虫
- 鞭毛虫
- 斜管虫



淡水

Herbtana™

有效地消除这些
寄生虫病患:

- 白斑
- 漂游口丝虫
- 吸虫(鳃 & 皮肤)
- 车轮虫
- 鞭毛虫
- 斜管虫

礁石维护



All-In-One

全面添加剂
方便单一剂量使用



Coralline Algae Accelerator

内含:

- 粉状文石
- 每公升超过 100,000 毫克钙
- 内加锰和碘化物



Complete

- 自动调节酸碱度至 8.2 - 8.3
- 含平衡状态的所需微量元素，乃可靠的单一礁石缓冲溶液

礁石食物



Phyto-Plus A

礁石食物

- 特别适合滤过觅食者的浮游生物配方
- 大小介于 9-50 微米



Phyto-Plus B

礁石食物

- 特别适合滤过觅食者的浮游生物自然配方
- 大小介于 2-23 微米



Zoo-Plus

礁石食物

- 特别适合滤过觅食者
- 配合糠虾、水蚤、桡足类及丰年虾
- 大小介于 800 微米

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

ASIA OFFICE
Goh Kwang Beng
e-mail: MicrobeLift@ecological-asia.com

MIDDLE EAST OFFICE
Mohamad H. Nahhas
e-mail: mohamadnahhas@yahoo.com

Microbe-Lift 水族馆及池塘 产品目录 经已面市!



POPFLIPCHNA

