

For A Healthier Aquarium®



"For A Healthier Aquarium®"

NATURE'S OCEAN®

Nutri-SeaWater®

Natural **LIVE** Ocean Saltwater®
Nutrient-Enriched For Your Aquarium



- Instant Saltwater® Changes
- No Mixing Required
- Instant New Marine Aquarium Setups
- **PLANKTONIC™** Natural **LIVE** Marine Bacteria, more than 11,000,000 Bacteria per gallon
- 100% Natural **LIVE** Ocean Saltwater – "Simply the Best"
- Fortified with **QX-23®** Enrichment Solution: Calcium, Iodine, Molybdenum, Strontium, Magnesium, Cobalt Potassium, Lithium, Aluminum, Vanadium, Chromium, Manganese, Nickel, Selenium, Silver, Cadmium, Zinc, Thallium, Stannus, Antimony.
- Maintains proper pH by providing improved buffering capacity

Advantages of Nutri-SeaWater®

- **NO WAITING... JUST ADD FISH!**
- Nutri-SeaWater® is Naturally Filtered® - Does not remove or modify what mother nature intended.
- Nutri-SeaWater® is 100% Natural **LIVE** Ocean Saltwater®.
- Contains natural **LIVE** marine Heterotrophic, Autotrophic and Chemolithotrophic bacteria to provide a proper inorganic balance.
- Fortified with **QX-23®** Enrichment Solution.
- Reduces the need for additional saltwater treatment products.

NOTE: Nutri-SeaWater® creates a healthier aquarium from the start.

- Freshly mixed synthetic Saltwater does not provide the proper chemical requirements provided by 100% Natural **LIVE** Ocean Saltwater®.
- Saltwater "treated with ozone or UV" is changed from its natural state. Those treatments alter the chemical nature of the water.
- Charcoal filtration removes required trace elements - Nutri-SeaWater® replaces missing natural **LIVE** marine bacteria, trace elements and critical nutrients.

Recommended Usage for Nutri-SeaWater®

- Nutri-SeaWater™ can be added to existing Synthetic Saltwater Aquariums to provide the missing natural **LIVE** heterotrophic marine bacteria, natural trace elements and natural critical nutrients needed "For a Healthier Aquarium™".
 - For Best Results use 100% Nutri-SeaWater®
 - For routine water changes: It is recommended to change a portion of your aquarium water 10-20% of volume regularly with Nutri-SeaWater™ to restore your marine system to *Nature's Ocean®*.
 - For New Aquarium Setups: To achieve Instant Cycling® use **Nature's Ocean® Bio-Activ Live® Aragonite Reef Sand** or **Substrate** along with Nutri-SeaWater™ to provide the perfect start.
- ORIGINAL PATENTED TECHNOLOGY • ACCEPT NO SUBSTITUTE!

U.S. PATENT # 6,376,229


THIS PRODUCT
HAS A SHELF LIFE
OF 12 MONTHS



★★★★★
**RATED
BEST
SALTWATER**
For Your System

Nutri-SeaWater®
Improves Synthetic Saltwater Aquariums
by providing missing Natural **LIVE®** Marine Bacteria,
Trace Elements and Critical Nutrients.

Used and Recommended by Leading Aquaculturist
"Dr. Mac" of PacificEast Aquaculture, Inc.,
a Licensed and Certified Aquaculture Facility in the State of Maryland.

 World Wide Imports Ent., Inc. FORT LAUDERDALE • FLORIDA • www.naturesocean.com
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WHY YOU NEED

NATURE'S OCEAN®

Nutri-SeaWater®

It is very important in the maintenance of a marine aquarium that the environment be replenished regularly. The best means of accomplishing this is to change 15 percent to 20 percent of the water once a month. The ideal replacement water is 100% natural ocean saltwater. Natural ocean saltwater contains all the essential elements and micronutrients required by fish, coral and invertebrates that inhabit your aquarium. In addition, natural ocean water contains **LIVE®** bacteria necessary for the rapid removal of biologic wastes.

A critical process in establishing a new marine aquarium system is the culturing of enough bacteria to adequately break down waste products. Nitrification is the first step in this very important process. **Nitrification** is carried out by unrelated groups of heterotrophic and chemolithotrophic bacteria. The first group converts ammonia to nitrite, which is then converted to nitrate by the second group. The best-known catalysts of these reactions are *Nitrosomonas* and *Nitrobacter*, respectively, although other groups have also been identified (Belsler 1979, Bergey's 1989). Taken together, these bacteria can be used to ameliorate damage to the aquarium environment by reducing the ammonia content, which is generated as biologic waste. Effective ammonia removal is extremely important as ammonia is toxic to aquatic life and it creates a large demand for oxygen (USEPA 1993).

Nature's Ocean® Live® Nutri-Seawater® contains live, naturally-occurring *Planktonic™* bacteria, which makes it the best product for monthly water changes. **Nutri-Seawater®** can immediately remove biologic waste products that have built up in the aquarium environment, and because it contains live bacteria, it can rapidly reduce the generation of new waste products.

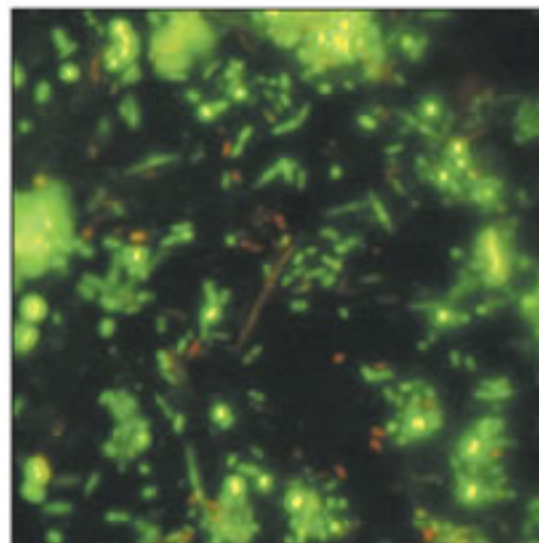
For New Aquarium Setups: To achieve *Instant Cycling®* use **Nature's Ocean® Bio-Activ Live® Aragonite Reef Sand** or **Substrate** along with **Nutri-SeaWater™** to provide the perfect start.

What keeps the bacteria alive in Nutri-Seawater®

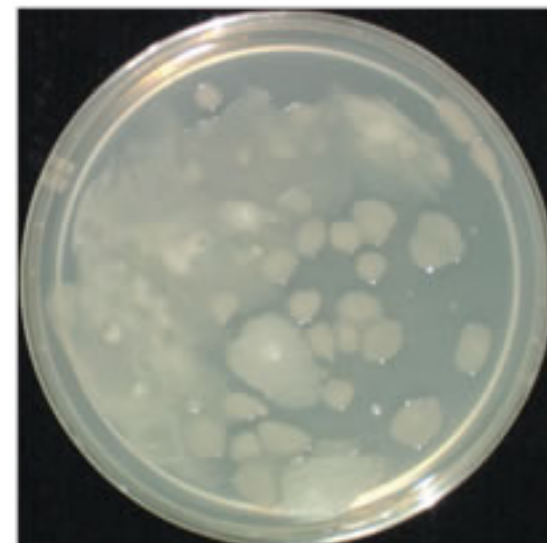
Bacteria are remarkably adept at surviving feast and famine, and are capable of adjusting their needs to accommodate highly diverse environments. Scientific inquiry has discovered a number of the microbial characteristics that facilitate bacterial adaptation to changing environments. We have investigated this phenomenon and invented new, patented methodology to preserve live bacteria in the marine environment – **QX-23®**. As soon as it is added to your aquarium, **Nutri-Seawater®** fortified with **QX-23®** keeps the *Planktonic™* bacteria alive, primed and ready to remove harmful metabolic end products and restore essential elements and micronutrients to optimum levels. Each gallon of **Nature's Ocean Live Nutri-Seawater®** contains more than 11 million live *Planktonic™* bacteria, and the following critical elements:

Critical Element	Concentration (Micrograms/Liter)	Critical Element	Concentration (Micrograms/Liter)
Aluminum	43.65	Manganese	1.650
Antimony	0.20325	Molybdenum	13.690
Bromide	97,500	Nickel	4.695
Cadmium	0.129	Potassium	664,500
Calcium	7.088	Selenium	1.147
Chloride	29,055,000	Silver	0.032
Chromium	1.514	Sodium	16,155,000
Cobalt	0.070	Strontium	15,000
Iodine	21.600	Thallium	0.0093
Iron	14.985	Tin	0.04125
Lithium	278.250	Vanadium	2.423
Magnesium	2,085,000	Zinc	24.525

Filtration systems that combine the use of ozone and ultra-violet irradiation destroy all bacteria and helpful microorganisms leaving the water DEAD, and unable to cycle the wastes from your aquarium.



Nutri-Seawater™ Live Bacteria Observed under Fluorescent Microscopy.



Growth of Live Bacteria from Nutri-Seawater™ Live Bacteria samples.

In addition, when this dead saltwater is further treated with charcoal it is stripped of essential elements and nutrients required for a healthy aquarium. That is why there are so many aquarium water additives on the market today. **Nutri-Seawater®** is 100% natural ocean water that includes all the right bacteria and essential elements – eliminating the need for additional biologic and chemical additives.

More than two years of research have gone into the generation of **Nutri-Seawater®**. To ensure the quality and consistency of this product, regular analysis of the water is performed by an independent laboratory.

Nature's Ocean Live® Nutri-Seawater®

Characteristic	Measurement
PH	8.3
Specific Gravity	1.027
Appearance	Clear
Malodor	None
Live Bacteria per Gallon of Saltwater	>11,000,000

REFERENCES:

- Belsler, L. W. (1979). Population Ecology of Nitrifying Bacteria. *Ann. Rev. Microbiol.* 33:309-333.
- Bergey's Manual of Systematic Bacteriology: Volume 3* (1989) Edited by James T. Staley and John G. Holt, Williams & Wilkins, Baltimore.
- United States Environmental Protection Agency (1993). *Manual: Nitrogen Control*, Manual EPA/625/R-93/010, Office of Research and Development, Office of Water, Washington DC, USA.

"THE PERFECT COMPANION FOR YOUR NANO-REEF"



PATENTED TECHNOLOGY



U.S. Patent #'s
6,376,229 6,939,708

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Natural **LIVE** Ocean Saltwater™
Nutrient-Enriched For Your Aquarium

and BIO-ACTIV LIVE® ARAGONITE REEF SAND AND SUBSTRATE

Only Live® Seawater can provide instant success in setting up your Natural Live® Nano-Reef, and Nutri-SeaWater® creates an instant natural marine environment, right from the start.

Visit www.nutriseawater.com

- Instant Saltwater™ Changes • No Mixing Required
- Instant New Marine Aquarium Setups

LIVE® OCEAN SALTWATER!
NATURAL MARINE BACTERIA!
REEF SAND AND SUBSTRATES!



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- Fortified with QX-23® Enrichment Solution
- Maintains proper pH by providing improved buffering capacity
- Patented Technology



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