

Nature's Ocean®

PREMIUM MARINE PRODUCTS

INVENTORS OF

**THE ONLY PATENTED
ALL NATURAL LIVE SAND
PRODUCT IN THE WORLD.
INSTANT CYCLING® GUARANTEED!**

Awarded 2 U.S. Patents

6,376,229

#6,939,708



SAMOA PINK



**FIVE EXOTIC, ALL NATURAL LIVE SANDS
FROM AROUND THE WORLD.**



For A Healthier Aquarium™

NATURE'S OCEAN®

Nutri-SeaWater®

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



**FOR A HEALTHIER ALL NATURAL AQUARIUM,
RIGHT FROM THE START!**

www.naturesocean.com

Nature's Ocean®

PREMIUM Marine Products

- Every grain of sand in the ocean is covered with a biofilm. *Nature's Ocean® Bio-Activ Live® Aragonite* is naturally from the ocean. The bacteria on the sand are in a biofilm, therefore the bacteria are in their natural state, immediately removing toxic waste.
- Artificially adding bacteria (or cultured bacteria) does not make the same biofilm. It is not as efficient as the biofilm found on sand in the ocean which have been naturally selected through millions of years of evolution.
- All bacteria on *Nature's Ocean® Bio-Activ Live® Aragonite* are preserved in their natural *live* state using a patented process and a patented saltwater enrichment solution *QX-23®*.
- *Nature's Ocean® Bio-Activ Live® Aragonite* is guaranteed to contain more than 10 million live bacteria per bag of sand in a natural biofilm, ready to instantly start the cycling process and stabilize your tank.
- Contains *Live®* marine autotrophic bacteria to provide proper inorganic chemical balance.
- Contains *Live®* chemoheterotrophic bacteria.
- Prevents biofouling.
- Immediately removes nitrogenous waste (*Ammonia, Nitrite and helps remove Nitrate.*)
- Instant Cycling guaranteed.

Beneficial Characteristics of Aragonite

- Reduces harmful nitrate
- Maintains proper pH
- Provide enhanced buffering capacity
- Provides essential inorganic elements such as strontium, cobalt, zinc and Molybdenum
- Approximately 0.5 – 1.7mm diameter grain size (Ideal for reef system tank bottoms)

Essential Trace Elements Provided by Bio-Activ Live® Aragonite

Zinc Sulphate, Calcium Chloride, Manganese Chloride, Cobalt Chloride, Copper Sulphate, Sodium Molybdate, Strontium Chloride, Nickel Chloride, Potassium Bromide, Sodium Silicate.

**100% Natural
LIVE®
From The Ocean
To You!!!**



No Waiting... Just Add Fish!®



Bio-Activ Live® Aragonite Black Beach™

Premium Live® Aragonite Reef Sand:

- Collected in its natural environment and packaged in its natural state (U.S. Patent #'s: 6,376,229 & 6,939,708)
- Just place in tank, add saltwater (for best results use NutriSeawater®) then add fish, no waiting required.
- Instant ammonia cycling
- Perfect for most applications (except undergravel filters)
- Reduces algae growth • Sandsifter safe
- Digger friendly • Deep sand bed

Item #: 20741

UPC: 029904207414

Grain size: 0.5-1.5mm

Packaged: 4 - 10 lb (4.54 kg) Bgs/cs.

Net Wt.: 40 lbs/18.14 kg per cs.

Item #: 10741

UPC: 029904107417

Grain size: 0.5-1.5mm

Packaged: 2 - 20 lb (9.07 kg) Bgs/cs

Net Wt.: 40 lbs/18.14 kg per cs.



Bio-Activ Live® Aragonite Reef Substrate

Premium Live® Aragonite Reef Substrate:

- Collected in its natural environment and packaged in its natural state (U.S. Patent #'s: 6,376,229 & 6,939,708)
- Just place in tank, add saltwater (for best results use NutriSeawater®) then add fish, no waiting required.
- Instant ammonia cycling
- Perfect for undergravel filter

Item #: 20721

UPC: 029904207216

Grain size: 1.0-2.5mm

Packaged: 4 - 8 lb (3.63 kg) Bgs/cs.

Net Weight: 32 lbs/14.51 kg per cs.

Item #: 10721

UPC: 029904107219

Grain size: 1.0-2.5mm

Packaged: 2 - 16 lb (7.26 kg) Bgs/cs.

Net Weight: 32 lbs/14.51 kg per cs.



Bio-Activ Live® Aragonite Natural White #0

Premium Live® Aragonite Reef Sand:

- Collected in its natural environment and packaged in its natural state (U.S. Patent #'s: 6,376,229 & 6,939,708)
- Just place in tank, add saltwater (for best results use NutriSeawater®) then add fish, no waiting required.
- Instant ammonia cycling
- Perfect for most applications (except undergravel filters)
- Sandsifter safe • Digger friendly • Deep sand bed

Item #: 20731

UPC: 029904207315

Grain size: 0.1-0.5mm

Packaged: 4 - 10 lb (4.54 kg) Bgs/cs.

Net Wt.: 40 lbs/18.14 kg per cs.

Item #: 10731

UPC: 029904107318

Grain size: 0.1-0.5mm

Packaged: 2 - 20 lb (9.07 kg) Bgs/cs

Net Wt.: 40 lbs/18.14 kg per cs.



Bio-Activ Live® Aragonite Natural White #1

Premium Live® Aragonite Reef Sand:

- Collected in its natural environment and packaged in its natural state (U.S. Patent #'s: 6,376,229 & 6,939,708)
- Just place in tank, add saltwater (for best results use NutriSeawater®) then add fish, no waiting required.
- Instant ammonia cycling
- Perfect for most applications (except undergravel filters)
- Sandsifter safe • Digger friendly • Deep sand bed

Item #: 20701

UPC: 029904107018

Grain size: 0.5-1.7mm

Packaged: 4 - 10 lb (4.54 kg) Bgs/cs.

Net Wt.: 40 lbs/18.14 kg per cs.

Item #: 10701

UPC: 029904107011

Grain size: 0.5-1.7mm

Packaged: 2 - 20 lb (9.07 kg) Bgs/cs

Net Wt.: 40 lbs/18.14 kg per cs.



Bio-Activ Live® Aragonite Samoa Pink

Premium Live® Aragonite Reef Sand:

- Collected in its natural environment and packaged in its natural state (U.S. Patent #'s: 6,376,229 & 6,939,708)
- Just place in tank, add saltwater (for best results use NutriSeawater®) then add fish, no waiting required.
- Instant ammonia cycling
- Perfect for most applications (except undergravel filters)
- Sandsifter safe • Digger friendly • Deep sand bed

Item #: 20801

UPC: 029904208015

Grain size: 0.5-1.7mm

Packaged: 4 - 10 lb (4.54 kg) Bgs/cs.

Net Wt.: 40 lbs/18.14 kg per cs.

Item #: 10801

UPC: 029904108018

Grain size: 0.5-1.7mm

Packaged: 2 - 20 lb (9.07 kg) Bgs/cs

Net Wt.: 40 lbs/18.14 kg per cs.



Bio-Activ Live® Aragonite Australian Gold

Premium Live® Aragonite Reef Sand:

- Collected, packaged and delivered in its natural environment (U.S. Patent #'s: 6,376,229 & 6,939,708)
- Just place in tank, add saltwater (for best results use NutriSeawater®) then add fish, no waiting required.
- Instant ammonia cycling
- Perfect for most applications (except undergravel filters)
- Sandsifter safe • Digger friendly • Deep sand bed

Item #: 20781

UPC: 029904207810

Grain size: 0.5-1.7mm

Packaged: 4 - 10 lb (4.54 kg) Bgs/cs.

Net Wt.: 40 lbs/18.14 kg per cs.

Item #: 10781

UPC: 029904107813

Grain size: 0.5-1.7mm

Packaged: 2 - 20 lb (9.07 kg) Bgs/cs

Net Wt.: 40 lbs/18.14 kg per cs.

Nature's Ocean®

BIO-ACTIV LIVE® ARAGONITE REEF SAND

Rapid Cycling of Organic Compounds in the Newly Established Aquarium

In the beginning of a newly established aquarium, waste products can quickly build up to toxic levels. Introducing fish, plants, and food to your aquarium begins a natural process called "Biochemical Cycling" which is exemplified by the nitrogen cycle. The process begins when fish and invertebrates excrete waste which is added to the ammonia produced by decaying food and organic compounds. The more sources of fish waste, the quicker and greater the ammonia problem. Harmful ammonia and nitrite are constantly converted into less harmful nitrates, which in turn is used by plants and algae for food. An aquarium is full of both autotrophic and heterotrophic bacteria that want nothing more than to attach, grow, and form BIOFILMS where the bacteria convert toxic nitrogenous compounds and ammonia into harmless products.

Nature provides many types of bacteria that in the presence of oxygen carry out the oxidation of ammonia to nitrites and eventually to nitrates in a process known as nitrification. First, bacteria settle on aragonite (reef sand) where they grow into colonies and eventually form a BIOFILM. Marine nitrifying bacteria in the biofilm oxidize ammonia to nitrite. Then other bacterial species further oxidize nitrite to nitrate. Nitrate not utilized by plants is removed by other bacteria in the absence of oxygen (the anaerobic environment found in the lower levels of the sediment) in a process called denitrification.

These bacteria are not harmful and are quite abundant in nature. However, three conditions are required for this process to occur: 1. A surface upon which bacteria can attach, grow, and form BIOFILM; 2. ammonia as the substrate to start the process; and 3. an aerobic environment.

"Cycling" your tank

When you start a new aquarium with dry sand or gravel, colonies or beneficial bacteria have not yet had the chance to attach to a surface and grow. For a period of several weeks this presents a very hazardous environment for your fish. One has to gradually build up the source of ammonia (i.e., start with only one or two small fish) to allow time for the beneficial bacteria to grow and form a BIOFILM.

Now with Nature's Ocean® **Bio-Activ Live® Aragonite Reef Sand**, there is no waiting period or delay while waiting for bacteria to establish themselves. Both autotrophic and heterotrophic bacteria required for rapid cycling of the aquarium are already in their natural state - a BIOFILM on the sand particles. Nature's Ocean® **Bio-Activ Live® Aragonite Reef Sand** is fortified with a patent pending enrichment solution, QX-23®, which keeps the bacteria alive, primed and ready to cycle harmful metabolic endproducts the moment it is added to your aquarium. Each bag of Nature's Ocean® **Bio-Activ Live® Aragonite Reef Sand** contains more than 10 million live bacteria in naturally-formed biofilms ready to biochemically cycle your aquarium and rapidly provide a healthy environment.

Press Release

UNITED STATES PATENT AWARDED TO NATURE'S OCEAN® BIO-ACTIV LIVE® ARAGONITE REEF SAND FOR AN INSTANT CYCLING® LIVE SAND PRODUCT

United States Patent No. 6,376,229 issued on April 23, 2002 for a new method of preserving marine bacteria. Using the patented method Nature's Ocean® harvests and packages live sand with an optimal amount of water and air in retail packaging specifically dimensioned and configured for maintaining ammonia oxidizing bacteria in a state wherein the bacteria are capable of metabolic and physiologic activity in excess of twelve months at room temperature. When introduced into an aquarium Nature's Ocean® Bio-Activ Live® Aragonite Reef Sand instantly begins the cycling process which provides an optimal environment for marine life.

Benefits of Nature's Ocean's PATENTED Bio-Activ Live® Aragonite:

- ✓ Contains natural live marine bacterial biofilm (*not a synthetic biofilm as used by others*)
- ✓ Provides instant biochemical cycling of an aquarium upon introduction
- ✓ Natural undisturbed grain sizes as found in the ocean which provides an optimal environment for marine bacteria (*separated grades are artificially processed and cannot generate a healthy marine environment for many weeks*)

- ✓ Patented QX-23® solution for maintaining metabolic and physiologic activity of ammonia oxidizing marine bacteria in retail packaging
- ✓ Superior to cultured live sand products

**ONLY NATURE'S OCEAN® OFFERS NATURAL LIVE ARAGONITE
PACKAGED ACCORDING TO THE PATENTED METHOD.
NO WAITING... JUST ADD FISH!®**

The success of this product has been established by the fact that millions of pounds of Nature's Ocean® Bio-Activ Live® Aragonite Reef Sand have been sold to professional and amateur marine aquarists around the world. Many unsolicited testimonials have proved that Nature's Ocean® Bio-Activ Live® Aragonite Reef Sand initiates cycling of the aquarium instantly and allows the same day addition of live rock, corals and fish.

United States Patent No. 6,939,708 issued on September 6, 2005, titled METHOD OF RAPID BIO-CYCLING OF AN AQUARIUM, discloses and claims a method for rapid cycling a marine aquarium using sand harvested from a submerged marine environment and packaged with specific ratios of water and air in an environment wherein the marine microorganisms remain biologically and physiologically viable for extended periods of time. Preserving natural marine bacteria biofilm and subsequently introducing the marine bacteria into an aquarium in accordance with the teachings of the '708 Patent provides aquarium owners with the ability to substantially reduce aquarium set-up time by rapid biochemical cycling.

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-Active 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



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

RATED BEST SALTWATER
For Your System

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

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.

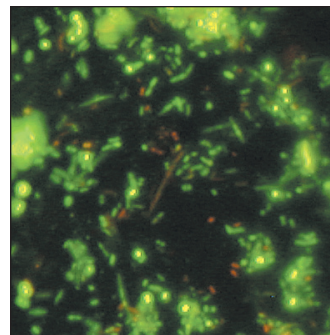
For New Aquarium Setups: To achieve *Instant Cycling®* use **Nature's Ocean® Bio-Activ Live® Aragonite Reef Sand** or **Substrate** along with **Nutri-SeaWater™** to provide the perfect start.

What keeps the bacteria alive in Nutri-Seawater®

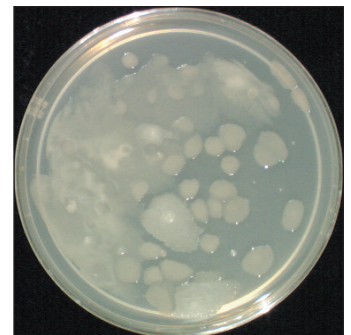
Bacteria are remarkably adept at surviving feast and famine, and are capable of adjusting their needs to accommodate highly diverse environments. Scientific inquiry has discovered a number of the microbial characteristics that facilitate bacterial adaptation to changing environments. We have investigated 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	Tinm	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.

Nature's Ocean Live® Nutri-Seawater®

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.

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.

NATURE'S OCEAN®
PREMIUM SPECIAL ARAGONITE
REEF SAND AND REEF SUBSTRATE

100%
FROM THE
OCEAN FLOOR

Premium Aragonite Reef Sand:

Product #10631

1.2-1.7mm diameter grain size is ideal for reef system tank bottoms, denitrifying anaerobic beds, extremely high surface area filter media.

Premium Aragonite Reef Substrate:

Product #10641

1.7-2.5mm diameter grain size for deeper beds

Aragonite Benefits:

- Reduces Nitrates
- Maintain pH
- Increases Carbonate Hardness
- Provide Marine Trace Elements
- Pre-washed Minimum Rinse Required
- 100% From The Ocean Floor
- Heat Sterilized
- Ideal for culturing Live sand



NATURE'S OCEAN®
PREMIUM ATLANTIC CRUSHED CORAL
WITH ARAGONITE

100%
FROM THE
OCEAN FLOOR

Atlantic Crushed Coral:

Product #10351 #4

Grain size 2-3.5mm

Product #10361 #8

Grain size 2-3.5mm

Benefits of Atlantic Crushed Coral:

- Natural crushed coral gravel
- Maintains superior pH and marine chemical balance
- Provides maximum surface area for biological nitrification
- Scientifically graded for uniformity which provides maximum water flow and aeration
- Prevents anaerobic "Dead Spots" in Bacteria bed
- Completely chemical free
- Pre-washed (minimum rinse required)



The Ultimate Marine Substrate!

Packaged in 20 lbs (9 kg) Bags.

Packaged in 20 lbs (9 kg) and 40 lbs (18.14 kg) Bags.

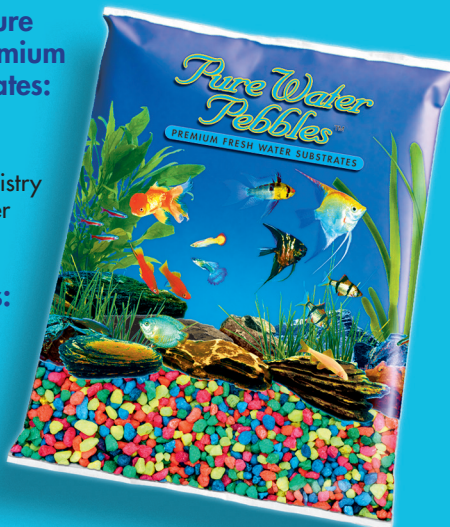
PURE WATER PEBBLES®
AVAILABLE IN A VARIETY OF NATURAL AND
COLOR-COATED PEBBLES

Characteristics of Pure Water Pebbles® Premium Fresh Water Substrates:

- Natural Gravel
- 100% Acrylic Coating
- Will not alter the chemistry of your aquarium water
- Non-toxic
- Colorfast

Recommended Uses:

- Fresh & Saltwater Aquariums
- Ponds
- Terrariums
- Gardens
- Potted Plants
- Vases
- Ash Trays
- Crafts & Hobbies



Packaged in 5 lbs (2.27 kg) & 25 lbs (11.4 kg) Bags.

AQUA TERRA™
AVAILABLE IN A VARIETY OF NATURAL AND
COLOR-COATED SAND AND GRAVEL

Characteristics of Aqua Terra™:

- Natural Gravel
- Natural Sand
- Natural Coated Sand
- 100% Acrylic Coating
- Will not alter the chemistry of your aquarium water
- Non-toxic
- Colorfast

Recommended Uses:

- Fresh & Saltwater Aquariums
- Ponds
- Terrariums
- Gardens
- Potted Plants
- vases
- Ash Trays
- Crafts & Hobbies



Packaged in 5 lbs (2.27 kg) Bags.



World Wide Imports Ent., Inc. FT. LAUDERDALE • FLORIDA 33309, U.S.A • www.naturesocean.com

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Nature's Ocean[®]

Premium Marine Substrates



Hawaiian Puka Shell #5
#10221



Hawaiian Puka Shell #10
#10231



Atlantic Crushed Coral #4
#10351



Atlantic Crushed Coral #8
#10361



Aragonite Sand #0
#10651



Aragonite Sand #1
#10631



Aragonite Sand #4
#10641



Black Beach Sand #1
#10261



Black Beach Gravel #2
#10271



Black Beach Gravel #5
#10281



Marine White Sand
#10791



Pacific Coral Gravel #5
#10031



Red Sea Scallop Shell #5
#10581



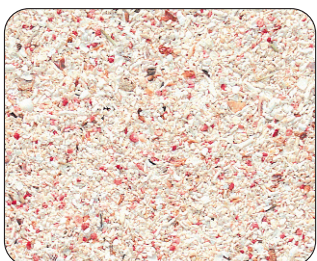
Red Sea Scallop Shell #10
#10591



Australian Gold Sand #1
#10501



Australian Gold Shell #8
#10531



Samoa Pink Sand Sand #0
#10151



Samoa Pink Sand Sand #1
#10161



Samoa Pink Sand Sand #2
#10171



Taiwan Coral Gravel #10
#10061

Pure Water Pebbles®



Silver Frost #70365



Rainbow Frost #70385



Sapphire Blue Frost #70415



Deep Blue Frost #70455



Red Frost #70335



Lavender Frost #70395



Black Frost #70425



Platinum White Frost #70465



Black Beauty #70505



Salt and Pepper #70525



Heavenly Blue #70065



Primrose Pink #70075



Purple Passion #70085



Jet Black #70095



Marine Blue #70115



Neon Yellow #70315



Neon Blue #70255



Neon Orange #70275



Neon Purple #70295



Neon Pink #70285



River Jack #30175



White Rose #30065



Rainbow Gems #30085



Pink Flamingo #30055



Nutty Pebbles #30035



Custom Blend #30205



River Pebbles #80095



River Jewels #80085



Natural White Sand #80065

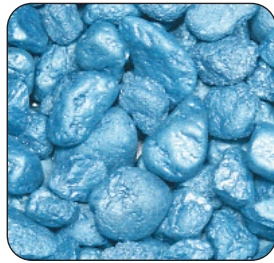


Natural Tan #80075

Premium Fresh Water Substrates



Pastel Pink Frost #70355



Pastel Blue Frost #70405



Purple Frost #70435



Emerald Green Frost #70345



Pastel Rainbow Frost #70375



Blue Lagoon #70515



Snow White #70015



Emerald Green #70155



Daffodil #70025



Currant Red #70035



Turquoise #70135



Cocoa Brown #70145



Burgundy #70055



Rainbow #70165



Neon Green #70265



Neon Red #70325



Neon Rainbow #70305



Amber Lite #30015



Cumberland River Gems #30095



Timber Lite #30195



Raven #30135



Silver Mist #30115



Cinnamon Pebbles #30185



Carolina #30025



Liberty #30045



Light Blue Sand #80025



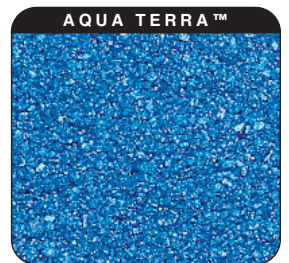
Green Sand #80045



Black Sand #80035



Red Sand #80055



Dark Blue Sand #80015

**BIO-ACTIV
NUTRIENTS™**
FOR A **HEALTHIER**
TROPICAL PLANTED
AQUARIUM!™

ActivFlora™ Planted Aquarium Substrate is a **Bio-Activ NUTRIENT-ENRICHED™** gravel specially developed and suited for planted aquaria. ActivFlora™ gravels are naturally abundant in trace elements that instantly provide a nutrient-rich environment in which your aquatic plants will thrive and achieve optimum health and growth.



ACTIV-FLORA™

PLANTED AQUARIUM SUBSTRATE

BIO-ACTIV LIVE® FRESHWATER SUBSTRATE

- Bio-activ Nutrients™ for faster, healthier plant growth.
- 100% Natural - does not contain artificial dyes or additives.
- Will not alter pH in your Planted Aquarium.
- Naturally Spherical grains promotes maximum diffusion (aeration)
- Activ-Flora™ is rich in Iron, no need for laterite.
- Contains **LIVE®** Heterotrophic bacteria for Instant Cycling® of your planted aquarium.
- Promotes healthy root system - Activ-Flora™ is extremely microporous
- Natural bi-segmentation™ process to promote optimal Oxygenation



World Wide Imports Ent., Inc.

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www.activflora.com 954.492.8196 • 800.423.6442 • sales@naturesocean.com



FLORACOR BLACK

FLORACOR RED



FLORAGEMS

FLORALITE

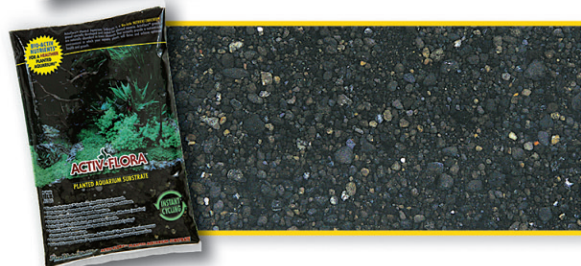
ACTIV-FLORA™

PLANTED AQUARIUM SUBSTRATE

Five new products to choose from! ActivFlora™ Planted Aquarium Substrate is Bio-Activ Nutrient Enriched™ to provide an optimum flourishing environment for your planted aquaria.



Activ-Flora™ Floracor Red Premium Planted Aquarium Substrate
 ITEM: #81221
 UPC: #029904812212
 Packaged 2 – 16lb/7.25kg Bags per case



Activ-Flora™ Floracor Black Premium Planted Aquarium Substrate
 ITEM: #81211
 UPC: #029904812113
 Packaged 2 – 16lb/7.25kg Bags per case



Activ-Flora™ Lake Gems Premium Planted Aquarium Substrate
 ITEM: #81241
 UPC: #029904812410
 Packaged 2 – 20lb/9.07kg Bags per case



Activ-Flora™ Floragems Premium Planted Aquarium Substrate
 ITEM: #81231
 UPC: #029904812311
 Packaged 2 – 20lb/9.07kg Bags per case



Activ-Flora™ Floralite Premium Planted Aquarium Substrate
 ITEM: #81201
 UPC: #029904812014
 Packaged 2 – 20lb/9.07kg Bags per case

BENEFITS OF ACTIV-FLORA™

- Activ-Flora™ contains a natural balance of essential minerals including, Magnesium, Potassium, Calcium, Sulphur, Iron, Manganese, Cobalt, Copper, Magnesium, Sodium, Nickel, Vanadium, Zinc, Barium, Chromium and Aluminum.
- 100% Natural - does not contain artificial dyes or additives... Activ-Flora's natural color is derived from its nutrient-rich composition.
- Will not alter pH in your Planted Aquarium.
- Naturally Spherical grains promotes maximum diffusion.
- Activ-Flora™ is rich in Iron, no need for laterite.
- Contains Live[®] Heterotrophic bacteria for Instant Cycling[®] of your planted aquarium.
- Promotes healthy root system - Active-Flora™ is extremely micro porous by nature.
- Activ-Flora™ contains a vast store of micronutrients which are slow-released and can be readily accessed in larger amounts by plant roots, making it self-sustaining for an indefinite period of time.
- Bio-active Nutrients™ for faster, healthier plant growth.

DIRECTIONS FOR USE: For new setups, empty contents of bag into aquarium and fill with de-chlorinated tap water or distilled water. Activ-Flora™ Bio-Activ Nutrient-Enriched™ Substrate will automatically bi-segment into 2 layers with finer grade substrate on the bottom. If adding to an existing system, drain liquid prior to introducing new substrate and add slowly, while mixing.

Activ-Flora™ Bio-Activ Nutrient-Enriched™ Substrate is pre-washed by a nutri-stabilizing process to preserve abundant trace elements and reduce cloudiness when introduced to an aquarium. Cloudiness can be further minimized by filling tank at a slow rate so that the ActivFlora™ base is not disturbed. Slight initial cloudiness is normal and will clear rapidly (1-6 hours).

Plants must be placed in substrate with roots as deep as possible. Stabilize with rocks, wood or other decorative medium.

Recommended use is 2 lbs (1 kg) of Activ-Flora™ Bio-Activ Nutrient-Enriched™ Substrate for each gallon (3.78 liter) of water. A depth of 3 inches (7.62 cm) is ideal for best results.

Elemental Analysis:

Aluminum	11500	Magnesium	2833
Barium	135	Manganese	85
Calcium	212	Sodium.....	235
Cobalt.....	7	Nickel	18
Chromium.....	15	Vanadium.....	18
Copper	19	Zinc	36
Iron.....	19070		
Potassium	2300		

Units=mg/kg

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Activ-Betta™

BIO-ACTIV LIVE® GRAVEL

No Waiting...Just Add Betta!™

Activ-Betta™ Bio-Activ Live Gravel™ is an all-natural substrate specially packaged in LIVE fresh water to instantly cycle your Betta Aquarium.

Activ-Betta™ Bio-Activ Live Gravel™ contains the natural beneficial bacteria and live aqua flora found in nature to instantly create a healthy environment for your Betta fish.

BENEFITS OF ACTIV-BETTA™ BIO-ACTIV LIVE GRAVEL™

- 100% NATURAL LIVE® FRESH WATER SUBSTRATE
- INSTANT CYCLING® OF YOUR AQUARIUM
- NO WAITING...JUST ADD FISH®
- PERFECT FOR ALL FRESH WATER FISH
- CONTAINS LIVE DENITRIFYING BACTERIA AND BENEFICIAL TRACE ELEMENTS

Neon Pink / ITEM: #10991



ITEM: #10961

BIO-ACTIV LIVE® AQUEOUS SOLUTION™

Activ-Betta™ Bio-Activ Live® Aqueous Solution™ is a true Living Solution, rich in denitrifying bacteria & trace elements that when combined with Bio-Activ® Live Gravel, provide the only complete, instantly balanced and readied environment for your Betta

- No Waiting...Just Add Betta!™
- Completely Balanced Environment*
- No Chlorines or Chloramines
- Instant Water Change

BENEFITS OF ACTIV-BETTA™ BIO-ACTIV LIVE® AQUEOUS SOLUTION

- 100% NATURAL LIVE® AQUEOUS SOLUTION
- CONTAINS LIVE® DENITRIFYING BACTERIA AND BENEFICIAL TRACE ELEMENTS
- INSTANT CYCLING® OF YOUR BETTA FISH BOWL OR AQUARIUM
- NO WAITING...JUST ADD BETTA™
- PERFECT FOR ALL FRESH WATER FISH



REPTILE SCIENCES™ ALL NATURAL PRODUCTS FOR YOUR REPTILES' HEALTH

FOR USE WITH: • TERRARIUMS • SNAKES • REPTILES • TURTLES • HERMIT CRABS



NATURAL SEDONA

- 100% ALL-NATURAL ORBICULAR GRAINS PREVENT INTERNAL AND EXTERNAL ABRASIONS
- SIGNIFICANTLY LOWERS RISK OF IMPACTION IN REPTILES*
- 100% DIGESTIBLE CALCIUM CARBONATE*
- SILICA & PHOSPHATE-FREE
- CONTAINS ESSENTIAL STRONTIUM, POTASSIUM AND MAGNESIUM
- NATURAL ODOR NEUTRALIZER
- CREATE'S AN ALL-NATURAL ENVIRONMENT



NATURAL WHITE

NATURAL SEDONA
 Reptile ProCalcium™ Sand
 Item: #81005
 UPC: #029904810058
 Packaged 6 - 5LB/2.27KG Bags per case

NATURAL SEDONA
 Reptile ProCalcium™ Sand
 Item: #81010
 UPC: #029904810102
 Packaged 4 - 10LB/4.53KG Bags per case

NATURAL WHITE
 Reptile ProCalcium™ Sand
 Item: #81105
 UPC: #029904811055
 Packaged 6 - 5LB/2.27KG Bags per case

NATURAL WHITE
 Reptile ProCalcium™ Sand
 Item: #81110
 UPC: #029904811109
 Packaged 4 - 10LB/4.53KG Bags per case

*ProCalcium™ Sand is not intended as a food source or supplement.

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NATURE'S ROCKS™



Hawaiian Sunset

Characteristics:

- Natural Stone
- Will not alter the chemistry of your aquarium water

Recommended Uses:

- Freshwater and Saltwater Aquariums
- Ponds
- Terrariums
- Gardens
- Landscape Design

Item #:81354

UPC #:029904813547

Packaged: 50 lbs./case,

Assorted Sizes 4-10 inches

Net Weight - 50 lbs



Golden Harvest:

Characteristics:

- Natural Stone
- Will not alter the chemistry of your aquarium water

Recommended Uses:

- Freshwater and Saltwater Aquariums
- Ponds
- Terrariums
- Gardens
- Landscape Design

Item #:81353

UPC #:029904813530

Packaged: 50 lbs./case,

Assorted Sizes 4-10 inches

Net Weight: 50 lbs



Nature's Paradise:

Characteristics:

- Natural Quartzite
- Will not alter the chemistry of your aquarium water

Recommended Uses:

- Freshwater and Saltwater Aquariums
- Ponds
- Terrariums
- Gardens
- Landscape Design

Item #:81352

UPC #:029904813523

Packaged: 50 lbs./case,

Assorted Sizes 4-10 inches

Net Weight: 50 lbs



Emerald Green Quatrz

Characteristics:

- Natural Stone
- Will not alter the chemistry of your aquarium water

Recommended Uses:

- Freshwater and Saltwater
- Ponds
- Terrariums
- Gardens
- Landscape Design

Item #:81355
 UPC #:02990813554
 Packaged: 50 lbs./case,
 Assorted Sizes 4-10 inches
 Net Weight: 50 lbs



Ebony Sunrise

Characteristics:

- Natural Quartzite plus Sandstone
- Will not alter the chemistry of your aquarium water

Recommended Uses:

- Freshwater and Saltwater
- Ponds
- Terrariums
- Gardens
- Landscape Design

Item #:81351
 UPC #:02990813516
 Packaged: 50 lbs./case,
 Assorted Sizes 4-10 inches
 Net Weight: 50 lbs



Chocolate Horizon

Characteristics:

- Natural Quartzite plus Sandstone
- Will not alter the chemistry of your aquarium water

Recommended Uses:

- Freshwater and Saltwater
- Ponds
- Terrariums
- Gardens
- Landscape Design

Item #:81356
 UPC #:029904813561
 Packaged: 50 lbs./case,
 Assorted Sizes 4-10 inches
 Net Weight: 50 lbs



Coral Base Rock

Simply building coral reefs

- Atlantic coral rock
- Build reefs or place coral on
- Perfect for growing fragments
- Cleaned natural coral bedrock

Item #: 08550
 UPC: 029904085500
 Packaged assorted sizes
 4 inches - 8inches per case
 50 lbs - 1 Carton

Item #: 08450
 UPC: 029904084503
 Packaged 2 per case
 12 inches - 17 inches
 1 Carton

Item #: 08451
 UPC: 029904084510
 Packaged 1 per case
 18 inches - 24 inches
 1 Carton



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Hermit HABITAT™

ProCalcium™ HERMIT SAND™



- 100% NATURE'S OCEAN® SAND
- A SIGNIFICANT SOURCE OF CALCIUM FOR A HEALTHIER HERMIT CRAB™
- 100% DIGESTIBLE CALCIUM CARBONATE*
- SILICA & PHOSPHATE-FREE
- NATURAL ODOR NEUTRALIZER
- CREATE'S AN ALL-NATURAL HABITAT



NATURAL WHITE

Natural Terrarium Sand

ITEM: #81164

UPC: #029904811642

Packaged 5LB/2.27KG Bags per case

RECOMMENDED USES:

- TERRARIUMS
- HERMIT CRABS
- AQUARIUMS
- PONDS
- GARDENS
- POTTED PLANTS
- ASH TRAYS
- VASES
- CRAFTS AND HOBBIES



NATURAL LITE

Natural Terrarium Substrate

ITEM: #81172

UPC: #029904811727

Packaged 2LB/.91KG Bags per case



BLUE LAGOON

Natural Terrarium Gravels

ITEM: #81152

UPC: #029904811529

Packaged 2LB/.91KG Bags per case

Hermit HABITAT™



MARINE BLUE

Natural Terrarium Gravels

ITEM: #81112

UPC: #029904811123

Packaged 2LB/.91KG Bags per case



NEON PINK

Natural Terrarium Gravels

ITEM: #81122

UPC: #029904811222

Packaged 2LB/.91KG Bags per case



NEON RAINBOW

Natural Terrarium Gravels

ITEM: #81132

UPC: #029904811321

Packaged 2LB/.91KG Bags per case



Assorted Hermit Crab Shells

Item #: 04418

UPC: 029904044187

Packaged Small/Medium

1.5 inches - 2 inches

1 Gallon Bag

Item #: 04419

UPC: 29904044194

Packaged Medium/Large

2 inches - 3 inches

1 Gallon Bag

DIRECTIONS FOR USE:

Hermit Substrate™ at approximately 1-3 inches (2.5-7.6 cm) deep creating an undulating effect.

Scoop debris weekly and replace sand every 4 to 6 months to prevent toxicity.