

A dynamic splash of water moving from right to left across the top of the page, with droplets and bubbles trailing behind it.

FRITZ

AQUATICS

CATALOG



FritzGuard®

FritzGuard® is a safe and effective pH-buffered water conditioner great for general use in tanks using tap water or after stressful events.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Enhanced with Aloe Vera, Vitamin E, and Electrolytes
- » Promotes Slime Coat Regeneration
- » Reduces Stress
- » Aids Establishment of Nitrifying Bacteria
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
80255	4 oz	240 gallons
80259	8 oz	480 gallons
80256	16 oz	960 gallons
80257	1 gal	7680 gallons
80258	5 gal Bucket	38400 gallons

Fritz Complete

Fritz Complete is a concentrated, full-spectrum water conditioner perfect for regular aquarium maintenance as well as emergency situations when toxic ammonia and nitrite may accumulate.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Detoxifies Ammonia, Nitrite, Helps Reduce Nitrate
- » Does Not Affect pH
- » Safe for Fresh and Saltwater Systems
- » Will Not Overactivate Skimmers
- » Economical, Concentrated Formula

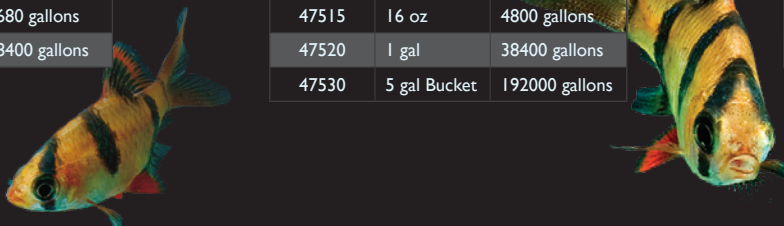
Item #	Size	Treats
47504	2 oz	600 gallons
47505	4 oz	1200 gallons
47510	8 oz	2400 gallons
47515	16 oz	4800 gallons
47520	1 gal	38400 gallons
47530	5 gal Bucket	192000 gallons

Fritz A.C.C.R.

Fritz A.C.C.R. is a trusted water conditioning formulation for starting new aquariums or in systems experiencing accumulation of ammonia, such as after a loss of nitrifying bacteria.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Detoxifies up to 1 ppm Ammonia per dose
- » Does Not Affect pH
- » Safe for Fresh and Saltwater Systems
- » Does not Deplete O₂ Levels
- » Great for Use During Cycling

Item #	Size	Treats
80234	4 oz	240 gallons
80238	8 oz	480 gallons
80233	16 oz	960 gallons
80239	1 gal	7680 gallons
80236	5 gal Bucket	38400 gallons



Fritz Aquatics AQUARIUM ESSENTIALS



Fritz Clarifier

Fritz Clarifier rapidly clears cloudy, discolored water by flocculating fine particles suspended in the water column, allowing them to settle to the bottom or be removed by the filter.

- » Phosphate-Free
- » Does Not Affect Biological Filtration
- » Will Not Alter pH
- » Safe for Reef and Planted Systems

Item #	Size	Treats
80176	8 oz	480 gallons
80177	16 oz	960 gallons



Fritz Glass & Acrylic Cleaner

A unique, streak-free and drip-free formulation helps repel fingerprints, water spots, and dust. Fritz Glass and Acrylic Cleaner is safe to use on exterior surfaces on and around aquariums.

Fritz Algae Clean Out

Fritz Algae Clean Out is a simple and efficient solution for systems with nuisance algae, with no extra headaches. Our formula is an EPA-registered true algicide that gives fast results.

- » Great for String Algae, Blanketweed, and Green Water
- » Does Not Affect Biological Filtration
- » Will Not Alter pH
- » Safe for Reef and Planted Systems
- » Concentrated Formula for Value
- » Copper-Free

Item #	Size	Treats
48004	4 oz	1419 gallons
48008	8 oz	2839 gallons
48016	16 oz	5678 gallons
48128	1 gal	45424 gallons

Fritz pH Adjusters

Fritz pH Adjuster formulations are concentrated, safe and easy to use when adjusting and maintaining desired pH.

- » pH Higher, pH Lower, and pH Neutralizer
- » Safe for Fresh and Saltwater Systems
- » Concentrated Formulas for Value
- » pH Neutralizer Also Removes Chlorine and Chloramine for a One-Step Tap Water Treatment Solution

Item #	Product	Size
80359	pH Higher	4 oz
81104	pH Higher	16 oz
80355	pH Lower	4 oz
81103	pH Lower	16 oz
80284	pH Neutralizer	8 oz
80285	pH Neutralizer	1 lb
80287	pH Neutralizer	3 lb

- » Ammonia-Free
- » Can Be Used on Stocked and Empty Aquariums
- » Safe for Fresh and Saltwater Systems

Item #	Size
54008	8 oz





- Rapidly Eliminates Toxic Ammonia and Nitrite**
-
- Allows Safe Immediate Introduction of Livestock**
-
- Prevents "New Tank Syndrome"**
-
- Instantly Establishes and Maintains a Healthy Bio-filter**
-
- Prevents Fish Loss**
-
- A Safe, Natural Approach to Water Treatment**



Why Add Nitrifying Bacteria?

Nitrifying bacteria can take weeks to naturally establish colonies in new aquariums while ammonia and nitrite can reach lethal levels in only a few days. FritzZyme® Live Nitrifying Bacteria provides the species of bacteria proven by professional zoos, aquariums, universities, and aquaculture facilities to rapidly seed biofilters. FritzZyme® quickly removes toxic ammonia and nitrite in existing systems and greatly reduces cycle time allowing for safe, immediate addition of livestock in new systems. FritzZyme® Nitrifying bacteria may also be added any time the bio-filter needs fortification including after water changes, aggressive cleaning, adding new livestock, medicating, or changing filter media.

Environment-Specific Solution

FritzZyme® 7 & TurboStart® 700 contain freshwater-specific species of nitrifying bacteria, while FritzZyme® 9 & TurboStart® 900 contain saltwater-specific species. Many biological products on the market claim to be an "all-in-one" solution for both freshwater and saltwater systems, but this approach fails to introduce the most effective species of bacteria biologically suited for the appropriate aquatic environment.

Live Viable Product

Unlike some heterotrophic bacteria, which can survive in a long-term spore state, only true nitrifying bacteria can cycle an aquarium. True nitrifying bacteria are fragile and temperature-sensitive, which is difficult to produce and package. FritzZyme® TurboStart® is the most concentrated product on the market. Every bottle of TurboStart® 700 has an expiration date and a 6-month refrigerated shelf life to ensure viable, effective product.

Years of Proven Success

Fritz Aquatics has been producing the highest quality, viable, nitrifying bacteria for over 30 years and was the first company to commercially produce nitrifying bacteria for the aquarium industry. Fritz Aquatics has remained a leader in the industry with continuous research, production, and development. There are very few producers of true live nitrifying bacteria, none of which can match the experience and success of FritzZyme®.

FritzZyme® 7 & 9

When used as directed, 7 & 9 will greatly speed up the natural cycling process. FritzZyme® can also be used to remove ammonia created from new livestock, overfeeding, aggressive cleaning, moving aquariums, medicating, or any situation that could cause the biological filter to underperform.

- » No Need for Refrigeration
- » One Year Shelf Life
- » FritzZyme® 7 is Good for Fresh and Brackish Systems
- » Great for Use After Maintenance

FritzZyme 7	Item #	Size	Treats
	80207	8 oz	Up to 50 gallons
	80209	16 oz	Up to 100 gallons
	80210	32 oz	Up to 200 gallons
	80223	1 Gallon	Up to 800 gallons

FritzZyme 9	Item #	Size	Treats
	80203	8 oz	Up to 25 gallons
	80204	16 oz	Up to 50 gallons
	80205	32 oz	Up to 100 gallons
	80206	1 Gallon	Up to 400 gallons



THE ORIGINAL LIVE NITRIFYING BACTERIA



FritzZyme® TurboStart® 700 & 900

FritzZyme® TurboStart® contains the same FritzZyme® Nitrifying Bacteria, in a more concentrated formula. When used as directed, it can remove up to 4 ppm ammonia within 24 hours. Add to new tanks with livestock to instantly cycle, or with Fritz Fishless Fuel for fishless cycling.

- » Instant Cycling
- » Six Month Refrigerated Shelf Life - 700
- » Four Month Refrigerated Shelf Life - 900
- » TurboStart® 700 Works in Brackish Systems



	Item #	Size	Treats
TurboStart 700	80510	1 oz	50 gallons
	80513	4 oz	200 gallons
	80515	16 oz	800 gallons
	80518	32 oz	1600 gallons
	80503	1 gallon	6400 gallons
TurboStart 900	80511	1 oz	25 gallons
	80614	4 oz	100 gallons
	80617	16 oz	400 gallons
	80618	32 oz	800 gallons
	00918	1 gallon	3200 gallons



Fritz Ammonia

Nitrifying bacteria require an ammonia source to survive. Fritz offers two convenient formulas, dry and liquid, to suit a variety of needs.

- » Great for Fresh or Saltwater Cycling
- » Fishless Fuel has a Simple Drop-Wise Application With a Dropper Cap
- » FritzPro Ammonium Chloride is Highly Concentrated, Great for Large Systems
- » No Scents or Dangerous Additives

Item #	Product	Size
03982	Fishless Fuel	2 oz
98500	Ammonium Chloride	500 g



PROBIOTIC BIOLOGICAL AQUARIUM CLEANERS



**A Safe, Natural Approach To
Water Treatment**

**Promotes a Clean, Clear
& Healthy Aquarium**

**All Natural Sludge Eliminating
Bacteria Rapidly Digest Waste**

Rapidly Eliminates Foul Odors

**Biologically Assists
Nitrification**

**Clarifies Water For
Improved Water Quality**

Improves Flow Through Filters

**Reduces & Simplifies
Maintenance**

FritzZyme® 360 & 460

Naturally Reduce Organics

Powerful probiotic blends of naturally-occurring heterotrophic bacteria have been specifically chosen for their ability to quickly digest organic sludge common in aquariums. Sludge includes fish waste, leftover food and other decaying organic matter. When left unchecked, sludge can lead to unsightly algae growth.

Quality and Value

Using FritzZyme® 360 or 460 biological aquarium cleaner as a part of regular maintenance will greatly reduce the need for substrate cleaning and water changes, as well as prolong the life of filter media. Rather than relying on freshwater bacteria to treat both fresh and saltwater systems, Fritz Aquatics has identified species that naturally occur and perform best for each environment.

- » No Need for Refrigeration
- » Two-Year Shelf Life
- » Freshwater and Saltwater Formulas
- » Great for Use After Maintenance
- » Easy Dosing
- » Works in Every Type of System
- » Can Be Used with All Other FritzZyme Products, incl: 7, 9, Turbo Start, and Trace

FritzZyme 360	Item #	Size	Treats
	83302	8 oz	Up to 473 gallons
	83303	16 oz	Up to 946 gallons
	83304	32 oz	Up to 1892 gallons
	83305	1 Gallon	Up to 7570 gallons

FritzZyme 460	Item #	Size	Treats
	83369	8 oz	Up to 473 gallons
	83370	16 oz	Up to 946 gallons
	83372	32 oz	Up to 1892 gallons
	83373	1 Gallon	Up to 7570 gallons

MONSTER 360/460

CONCENTRATED
FOR MONSTER
FISH KEEPERS !!!!!



FritzZyme® MONSTER 360 & 460

Extra Power for Big Fish

FritzZyme® Monster 360 & 460 contain a highly-concentrated blend of bacteria specifically selected for keepers of monster fish. Keeping the environments of these particular species clean and healthy can be challenging.

FritzZyme® Monster 360 contains freshwater specific species of beneficial bacteria and is the perfect maintenance product for keepers of freshwater monster fish including arowana, oscars, flower horn cichlids, stingrays, piranha, as well as heavily stocked tanks like African cichlid aquariums. FritzZyme Monster 460 contains saltwater species and was developed for the keeper of monster marine species like grouper, large angels, puffers, triggers, sharks, eels, and rays.

FritzZyme® Monster 360 & 460 as part of a regular maintenance program will help lengthen the time between water changes, prolong filter media life, and help keep water crystal clear.

- » No Need for Refrigeration
- » Two Year Shelf Life
- » Freshwater and Saltwater Formulas
- » Great for Use After Maintenance
- » Concentrated for Heavily Stocked or Large Systems
- » Can Be Used with All Other FritzZyme Products, incl: 7, 9, Turbo Start, and Trace

Monster 360	Item #	Size	Treats
	75016	16 oz	Up to 4730 gallons
	75032	32 oz	Up to 9460 gallons
	75128	1 Gallon	Up to 37840 gallons

Monster 460	Item #	Size	Treats
	76016	16 oz	Up to 4730 gallons
	76032	32 oz	Up to 9460 gallons
	76128	1 Gallon	Up to 37840 gallons



TRUSTED & PROVEN REMEDIES



Maracyn® & Maracyn® Two

Broad-spectrum antibiotic powder treatments against bacterial and fungal diseases of fish. Maracyn® is effective against gram-positive bacterial infections, and Maracyn® Two against gram-negative bacterial infections.

- » May be Used Along with Coppersafe® or Maracyn® Oxy
- » Can be Used Individually or Together
- » Easy to Measure Packet Dosing System
- » Bulk Jars Available for Larger Systems
- » Safe for Fresh and Saltwater Systems

Expel-P

Fritz Expel-P is an anthelmintic (anti-worm) powder medication. Expel-P is effective against many internal parasites, especially nematodes, when used as directed. As an added benefit, it boosts the immune competence of fish.

- » Use for Nematodes, Roundworms, Nodular Worms, and Hookworms
- » Can be Used As a Coral Dip
- » Safe for Plants and Invertebrates
- » Easy to Measure Packet Dosing System
- » Safe for Fresh and Saltwater Systems

ParaCleanse

Fritz ParaCleanse anti-parasitic and antibiotic powder medication treats and controls of a wide variety of internal and external parasitic diseases.

- » Use for Velvet, Hexamita, Fish Lice, or Gill & Skin Flukes
- » Does Not Discolor Water
- » Easy to Measure Packet Dosing System
- » Bulk Jars Available for Larger Systems
- » Safe for Fresh and Saltwater Systems

Maracyn	Item #	Size	Treats
	46000	8 Pack	Up to 80 gallons
	46040	24 Pack	Up to 240 gallons
	46045	60 g Jar	Up to 1000 gallons
	46050	280 g Jar	Up to 4660 gallons

Expel-P	Item #	Size	Treats
	90000	10 Pack	Up to 100 gallons
	90001	20 Pack	Up to 200 gallons

ParaCleanse	Item #	Size	Treats
	90003	10 Pack	Up to 100 gallons
	90004	20 Pack	Up to 200 gallons

Maracyn Two	Item #	Size	Treats
	47000	8 Pack	Up to 80 gallons
	47040	24 Pack	Up to 240 gallons
	47050	280 g Jar	Up to 4660 gallons



REVOLUTIONARY HERBAL REMEDIES

WITH PATENTED
BIO SHIELD TECHNOLOGY



BacterShield®

Bio-adhesive supplement repairs and strengthens the fish's natural slime coat which protects against bacterial and fungal infections.

- » Non-Antibiotic Treatment
- » Great for Preventative Treatments
- » Safe for Plants and Invertebrates
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
43100	4 oz	590 gallons

ParaShield®

Bio-adhesive supplement repairs and strengthens the fish's natural slime coat which protects against Ick, protozoan Velvet and other parasites.

- » A Safer Way to Treat Ick
- » Does not Use Dyes or Metal-Based Active Ingredients
- » Great for Preventative Treatments
- » Safe for Plants and Invertebrates
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
43000	4 oz	590 gallons

REVOLUTIONARY HERBAL FORMULAS TO MAINTAIN FISH HEALTH

- Provides Relief from Unwelcome Parasites with Natural Oils & Extracts
- Patented Film Forming Matrix and Polymers Delivers Treatment to the Fish Itself
- Concentrated / Economical Formula - 4oz Treats 590 Gallons
- For Fresh & Salt Water, Reef Safe!

The Mardel Shield Products contain proven new natural oils and extracts combined with a patented film forming matrix to help repair and strengthen the fish's natural slime coat and help provide a protective shield around freshwater and saltwater fish. The natural oils are combined with a polymer that acts as a slime coat and carries the treatment directly to the body of the fish. A protein solubilizer helps promote the penetration of the oils into the cell structure of the fishes skin. The crowning additive is a patented* Film Forming Matrix Technology. This causes the treatment package to be covered with a shield to maintain contact.

A fish's slime coat acts as the first line of defense against bacterial and fungal infections. These proven bio-adhesive supplements repair and strengthen a fish's natural slime coat which strengthens the fish's defense against bacterial, fungal, protozoan and parasitic infections of the fins, tail and skin.

*U.S. Patents 8,512,766; 8,747,918

**Formaldehyde-Free
Effective Ich Control!**



FIXICK

Fixlck is a fast acting remedy for parasitic and protozoan infections such as Ich in freshwater and saltwater aquariums. Potent natural oils and extracts are combined in a film-forming matrix that attack the parasites directly on the body for fast results. Fixlck can also help prevent secondary bacterial and fungal infections.

- » No Formaldehyde or Malechite Green
- » Fast Relief with Short Treatment Time
- » Less Tissue Damage Compared to Harsher Treatments
- » Also Treats Chilodonella, Trichodina and Tetrahymena Infections
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
03976	8 oz	480 gallons
03977	16 oz	946 gallons
03978	1 gal	7568 gallons

Coppersafe®

Safe, stable, and non-staining chelated copper concentrate delivers relief from unwelcome parasites. Proves effective treatment and control of Ich, Velvet, and other external parasites, including flukes and anchor worms. The long lasting formula only requires one dose to maintain a therapeutic level for up to one month in the aquarium.

- » Long Lasting Formula
- » No Need to Adjust Filtration
- » Safe for Use with All Water Conditioners
- » Can Be Used with Other Meds
- » Great for Preventative Use and Quarantine Systems
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
42020	4 oz	94 gallons
42060	16 oz	378 gallons
42080	1 gal	3024 gallons

Maracyn® Oxy

Maracyn® Oxy successfully controls fungal infections caused by Saprolegnia, Ichthyosporidium, egg fungus and related species and common bacterial infections. Maracyn® Oxy has also been shown to be effective against certain gram-negative and gram-positive bacteria.

- » Fast Treatment for True Fungal Infections
- » Non-Antibiotic Formula
- » Easy-Dose Liquid Application
- » Can Be Used with Other Meds
- » Safe for Most Invertebrates and Plants
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
44000	8 oz	472 gallons
44060	16 oz	1888 gallons



Expel-F

A safe and effective anti-fungal medication for treating infections such as *Ichthyophonus hoferi* and *Saprolegnia*, as well as certain other true fungal infections. Fungal infections usually occur as secondary infections from a previous wound or injury.

- » Fast Treatment for True Fungal Infections
- » Easy Packet Dosing System
- » Can Be Used with Other Meds
- » Safe for Most Invertebrates and Plants
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
90013	10 Pack	Up to 100 gallons
90014	20 Pack	Up to 200 gallons



PraziCleanse

PraziCleanse is a safe and effective anti-parasitic treatment to control unwanted parasites. Effective against skin and gill flukes, tapeworms, flatworms, and turbellarians. This treatment is suitable for fresh and saltwater aquariums, and will not discolor the water.

- » Use for Tapeworms, Flatworms, Fish Lice, or Gill & Skin Flukes
- » Does Not Discolor Water
- » Easy to Measure Packet Dosing System
- » Bulk Jars Available for Larger Systems
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
90010	10 Pack	Up to 200 gallons
90011	20 Pack	Up to 400 gallons



MetroCleanse

Fritz MetroCleanse is an antibiotic and anti-parasitic treatment for several common protozoan and bacterial infections such as freshwater and saltwater Ich, Hexamita, and Oodinium, and is also effective against internal parasitic and bacterial infections. It can be used safely in a medicated food mix for use in systems containing invertebrates.

- » Use for Velvet, Hexamita, Fish Lice, or Gill & Skin Flukes
- » Does Not Discolor Water
- » Easy to Measure Packet Dosing System
- » Bulk Jars Available for Larger Systems
- » Safe for Fresh and Saltwater Systems

Item #	Size	Treats
90007	10 Pack	Up to 200 gallons
90008	20 Pack	Up to 400 gallons

EASY CICHLID SOLUTIONS



Rift Lake Cichlid Buffer



Rift Lake Cichlid Buffer is a special blend of carbonate salts formulated to replicate the unique natural chemistry and habitat of the different African rift lakes by increasing buffer capacity, alkalinity and pH. Help your cichlids thrive and reproduce while promoting health, growth and intensified color.

- » Multi-Lake Formula
- » Creates Ideal Conditions for Breeding
- » Raises KH and pH
- » Economical Dry Powder Formula
- » Use with Rift Lake Cichlid Salt

Item #	Size	Treats
84913	1.25 lb	variable
84914	3 lb	variable



Rift Lake Cichlid Salt

Rift Lake Cichlid Salt is a special blend of salts formulated to replicate the natural chemistry of the African rift lakes. Rift Lake Cichlid Salt also contains the necessary trace elements to duplicate African cichlids natural habitat. Added probiotics increase and diversify the population of beneficial bacteria benefiting health and helping to reduce nitrates and phosphates naturally. Rift Lake Cichlid Salt will help your cichlids thrive and reproduce while promoting health, growth and intensified color.

- » Multi-Lake Formula
- » Creates Ideal Conditions for Breeding
- » Raises GH
- » Includes Probiotics
- » Economical Dry Powder Formula
- » Use with Rift Lake Cichlid Buffer

Item #	Size	Treats
84913	1.25 lb	variable
84914	3 lb	variable



Betta Guard

Fritz Betta Guard is a safe and effective pH-buffered water conditioner that neutralizes chlorine, chloramines and heavy metals found in tap water, designed for small aquariums. Promotes healing and reduces stress with aloe vera and vitamin E. Also includes natural Indian almond leaf extract to increase tannins.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Enhanced with Aloe Vera, Vitamin E, and Electrolytes
- » Promotes Slime Coat Regeneration
- » Aids Establishment of Nitrifying Bacteria
- » Safe for Fresh and Saltwater Systems
- » Tannins to Enhance Water Conditions

Item #	Size	Treats
11111	2 oz	60 gallons

Betta Water

Item #	Size	Treats
11113	32 oz	Actual

Dark Water

Dark Water is a natural water conditioner containing concentrated tannins from the leaves of the Terminalia catappa tree. Dark Water is suitable for all soft-water fish including betta, discus, tetras, angelfish, and killifish.

- » Produced With Natural Ingredients
- » Promotes Health & Colors
- » Naturally Lowers pH
- » Creates Blackwater Conditions
- » Great For Shrimp Too
- » Easy-to-Control Tannin Levels

Item #	Size	Treats
11112	4 oz	24 gallons

Natural Decor

Our natural decor options offer Indian Almond leaves, sliced Catappa almond bark, and Casuarina cones, each giving a unique application of tannins, humic acid, and habitat. Each provides tannins, lowers pH, has anti-fungal and anti-bacterial properties, enhances coloration and increases spawning behavior.

- » Great for Bubble Nests and Spawning
- » Provides Hiding Spaces for Fry
- » Naturally Adds Tannins and Humic Acid
- » Anti-Fungal and Anti-Bacterial Properties
- » Great for Freshwater Shrimp
- » Ideal for Betta and Biotope Systems

Item #	Product	Size
11117	Nature Box	Variety Pack
11114	Catappa Leaves	10 Leaf Pack
11120	Casuarina Cones	20 Cone Pack
11121	Catappa Tea Bags	10 Bags





Nitrate, Phosphate, and Ammonia Free

Fast Dissolving - Clear in Less Than 15 Minutes

Trusted by Professional Institutions Worldwide

Enhanced Buffer Levels

Manufactured in USA



RPM Complete Dry Salt Mix

High Quality Ingredients

RPM (Reef Pro Mix) is manufactured using only the highest quality raw materials. Formulated by researchers and marine scientists, RPM contains all of the necessary major, minor and trace elements found in natural sea water that are utilized by marine and reef animals. Correct pH and buffering capacity along with essential minerals and trace elements have been added in precise ratios to ensure a correctly blended mix for the health and longevity of any reef aquarium.

Gold Standard Manufacturing

RPM is manufactured in our own facility to ensure complete quality control rather than outsourced to generic chemical blenders with uncertain quality control standards. Fritz's salt blending equipment is dedicated solely to the production of aquatic salt blends, preventing contamination issues. Fritz's unique production process promotes a uniform particle size minimizing stratification of the salts. Each batch is assigned a lot number and tested twice by in-house quality control to ensure its chemical quality and purity before it is shipped.

RPM Blue Parameters

SALINITY	35 ppt (1.0264 sg)
CALCIUM	400-450 ppm
MAGNESIUM	1300-1400 ppm
ALKALINITY	8.0 - 9.0 dKH
STRONTIUM	9 ppm
POTASSIUM	400 ppm

RPM Red High Alk Parameters

SALINITY	35 ppt (1.0264 sg)
CALCIUM	400-450 ppm
MAGNESIUM	1300-1400 ppm
ALKALINITY	10.0 - 11.5 dKH
STRONTIUM	9 ppm
POTASSIUM	400 ppm



RPM Blue AP	Item #	Size	@ 30 ppt
	80280	14 lb bag	53 gallons
	80270	48 lb bucket	180 gallons
	80243	55 lb box	200 gallons
	80251	55 lb box (4 bag)	200 gallons
	80253	55 lb box High Alk	200 gallons

Maintain Your Reef *with* RPM Elements



RPM Reef Elements

Easy to use, concentrated liquid reef chemicals formulated using clean, high quality raw materials.

- » Individual Alkalinity, Calcium, and Magnesium Formulas
- » Great for Dosing Systems
- » Same High Quality Ingredients as RPM Marine Salt Mix
- » No Unnecessary Trace Elements

Item #	Description	Size
80300	Part 1 Alkalinity	16 oz
80301	Part 1 Alkalinity	32 oz
80303	Part 1 Alkalinity	1 gallon
80304	Part 1 Alkalinity	5 gallons
80305	Part 2 Calcium	16 oz
80306	Part 2 Calcium	32 oz
80308	Part 2 Calcium	1 gallon
80309	Part 2 Calcium	5 gallons
80310	Liquid Magnesium	16 oz
80311	Liquid Magnesium	32 oz
80313	Liquid Magnesium	1 gallon
80314	Liquid Magnesium	5 gallons

Coral Max

Coral Max is a custom unique coral food blend formulated from naturally occurring marine planktons and marine organisms. Coral Max is ideal for all photo and non-photosynthetic filter-feeding corals.

- » Great for All SPS, LPS, Zoanthid and Goniopora Species
- » Works as Target or Broadcast Feeding
- » Unique Blend of Marine Plankton and Natural Pigments

Item #	Size	Treats
03984	30 g jar	variable
03985	60 g jar	variable
03986	120 g jar	variable



35 ppt Calibration Fluid

Pre-measured refractometer calibration solution takes the guesswork out of properly calibrating your instrument - with no need for expensive or unreliable measuring equipment.

- » Use as a Reference for any Density Measurement Instruments
- » Simple 2 or 3 drop Application
- » Quickly Calibrate to 35 ppt or 1.026 sg

Item #	Size	Treats
03981	1.25 oz	variable



The **ULTIMATE** All-In-One Filter Media



MaxOut

MaxOut removes all toxins, metals and odors in the water column. High capacity carbon removes organics and polishes aquarium water. Proprietary resins unique to the MaxOut blend aid in reducing the buildup of organics that can cause algae.

- » Polishes Aquarium Water Quickly and Efficiently
- » Quickly Removes Toxins and Keeps Trace Elements in Balance
- » Works in Fresh and Saltwater
- » Pre-Filled Nylon Bag, No Mess
- » Does Not Require Rinsing

Item #	Size	Treats
58803	1 bag	75 gallons

MaxOut Pro

MaxOut Pro removes all toxins, metals and odors in the water column. High capacity carbon removes organics and polishes aquarium water. Proprietary resins unique to the MaxOut Pro blend aid in the removal of phosphates and reduces the buildup of organics that can cause algae.

- » Polishes Aquarium Water Quickly and Efficiently
- » Quickly Removes Toxins and Keeps Trace Elements in Balance
- » Added Phosphate-Removing Resin
- » Works in Fresh and Saltwater
- » Pre-Filled Nylon Bag, No Mess
- » Does Not Require Rinsing

Item #	Size	Treats
58804	1 bag	100 gallons

MaxOut Pro Freshwater

Item #	Size	Treats
58808	1 bag	100 gallons

FuzzOut

FuzzOut is the ultimate all-in-one filtration media dedicated to the removal of hair algae. Our unique blend can be used in both fresh and saltwater aquariums of all sizes. FuzzOut is used to remove algae blooms while oxygenating aquarium water quickly and efficiently.

- » Combats Algae Blooms While Oxygenating Aquarium Water
- » Quickly Removes Toxins and Keeps Essential Trace Elements in Balance
- » Can Be Used in Both Fresh and Saltwater Aquariums of All Sizes
- » Pre-Filled Nylon Bag, No Mess
- » Does Not Require Rinsing

Item #	Size	Treats
58805	1 bag	75 gallons





Slime Out

Aids in the removal of stains from cyanobacteria outbreaks. Effective against blue-green, black, red, and bubble cyanobacteria strains. Safe to use in fresh and saltwater applications with invertebrates, corals, plants, and all fish species. This simple treatment quickly removes stains within 48 hours and does not affect biological filtration.

- » Quickly Eliminates Stains from Cyanobacteria
- » Results After One Treatment
- » Safe for Fresh and Saltwater Systems
- » Pair with FritzZyme 360 or 460 to help prevent future outbreaks

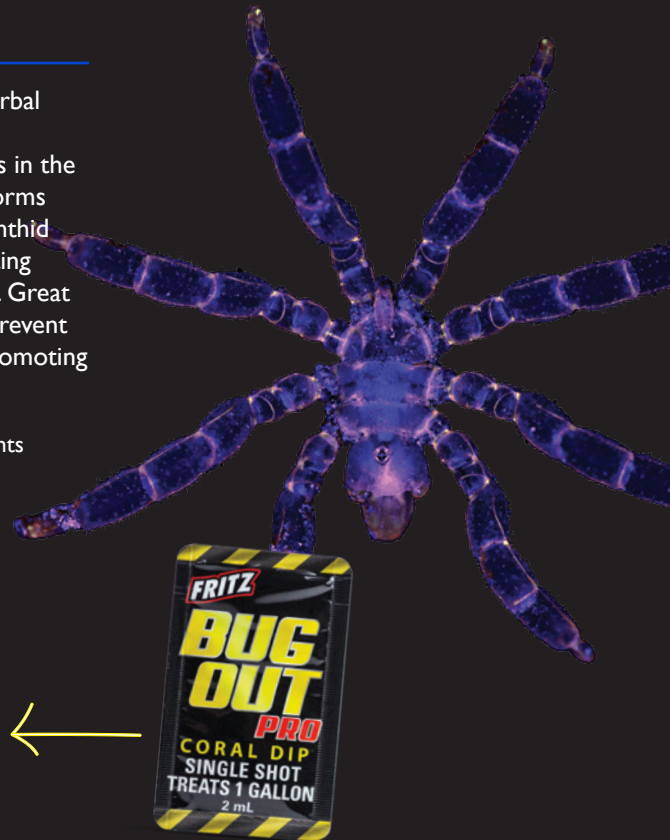
Item #	Size	Treats
03990	10 pack	250 gallons
03991	20 pack	500 gallons

Bug Out

Effective all-natural, iodine-free herbal dip treatment for the removal of unwanted parasites on corals. Aids in the removal of Acropora eating flatworms (AEFW), planaria flat worms, Zoanthid eating nudibranchs, Montipora eating nudibranchs, and some pest crabs. Great when introducing new corals to prevent introduction of parasites, while promoting healthy tissue and colors.

- » Produced With Natural Ingredients
- » Promotes Health & Colors
- » Naturally Lowers pH
- » Creates Blackwater Conditions
- » Great For Shrimp Too
- » Easy-to-Control Tannin Levels

Item #	Size	Treats
03989	4 oz	60 gallons
03988	50 - 2 mL	1 gal each



NEW Liquid Test Kits



New in 2023! Fritz Aquatics liquid test kits are designed for easy and accurate measurement of important water parameters to keep your tank thriving. Each kit contains reagents, a glass test tube with a cap, easy-to-follow instructions, a color chart for accurate results, and suggestions for parameter corrections.



Wide Range pH

Testing the pH of aquarium water regularly to make proper adjustments is crucial to keep fish, plants, and other aquarium animals healthy and stress-free.

- » Convenient Wide Range - 5.0 to 9.0
- » Works in Fresh and Saltwater
- » Easy to Read Results

Ammonia

Ammonia is one of the most important parameters to monitor in aquariums because any amount can be toxic to livestock if it is not addressed right away. Ammonia can reach lethal levels very rapidly, and should be tested immediately in the case of fish illness or death.

- » Accurate in both Fresh and Saltwater
- » Must-Have for Every Aquarist
- » Essential During New Tank Setup

Nitrite

Nitrite is produced continually during the ammonia cycle by nitrifying bacteria in the biological filter. While not as immediately toxic as ammonia, any accumulation of nitrite should still be addressed as soon as possible.

- » Easy-to-read Instructions
- » Essential for New Tank Cycling
- » Works in both Fresh and Saltwater

Item #	Size	Treats
04000	1 kit	up to 250

Item #	Size	Treats
04001	1 kit	up to 130

Item #	Size	Treats
04002	1 kit	up to 180

Kits Essential for Every Hobbyist



Nitrate

While not directly a problem for fish at low levels, excess nitrates can cause stress and other water quality issues. Nitrate is continually produced as fish respire and released waste products move through the ammonia cycle, and can accumulate rapidly if not properly maintained.

- » Easy-to-read Instructions
- » Essential for a Healthy Tank
- » Accurate in both Fresh and Saltwater

Item #	Size	Treats
04003	1 kit	up to 90

Alkalinity (KH)

The KH value of your water is important to know, as the carbonate hardness plays a significant role in the water's pH and the water's buffering capacity to keep that pH stable.

- » Easy-to-read Instructions
- » Essential for a Healthy Tank
- » Accurate in both Fresh and Saltwater

Item #	Size	Treats
04006	1 kit	variable

General Hardness (GH)

General hardness (GH) is commonly overlooked in many aquariums, but this parameter plays a very important role in your aquariums overall health.

- » Easy-to-read Instructions
- » Essential for a Healthy Tank
- » Accurate in Freshwater

Item #	Size	Treats
04008	1 kit	variable

Master Test Kit

Includes one each of kits for the most commonly measured water parameters: Wide Range pH, Ammonia, Nitrite, and Nitrate.

- » Perfect for starting a new system
- » Includes 4 Essential Test Kits
- » Accurate in both Fresh and Saltwater

Item #	Size	Treats
04009	4-kit box	variable





Phosphate

Excess nutrients can lead to poor water quality very quickly. If not controlled, phosphate (PO_4) can rapidly build up in aquariums from fish waste and uneaten food, decomposing algae and other organic matter, and aquarium supplements and tap water that contain phosphate.

- » Easy-to-read Instructions
- » Essential for a Healthy Tank
- » Accurate in both Fresh and Saltwater

Item #	Size	Treats
04005	1 kit	up to 150

Copper

It is crucial to closely monitor copper used in aquariums to ensure the correct dose has been applied, especially in volumes of water that are unknown and with copper-sensitive species.

- » Accurate in both Fresh and Saltwater
- » Essential when Medicating with Copper-based Treatments
- » Measures Free and Total Copper

Item #	Size	Treats
04004	1 kit	up to 90

Calcium

In saltwater aquariums, calcium should remain in the proper ionic balance along with alkalinity (KH) and magnesium (Mg^{2+}). Calcium uptake in reef aquariums can change over time and should be regularly tested to ensure proper dosing.

- » Accurate in both Fresh and Saltwater
- » Easy-to-read Instructions
- » Essential to Monitoring Proper Ionic Balance

Item #	Size	Treats
04007	1 kit	variable





R/O Recharge

Fritz R/O Recharge replenishes essential minerals and electrolytes to reverse osmosis or other purified water to reestablish the desired natural water chemistry for your freshwater aquarium habitat. The mineral salts in Fritz R/O Recharge easily restore optimal GH, TDS and KH.

- » Restores Natural Water Chemistry to Purified Water
- » Increases both GH and KH
- » Provides a beneficial ratio of elements to improve osmoregulation

Item #	Size	Treats
80288	1 lb	variable

A+ Aquarium Salt

Fritz A+ Aquarium Salt is an all-natural salt that provides the essential electrolytes freshwater fish need for the uptake of oxygen and release of carbon dioxide and ammonia through the gills.

- » Promotes Fish Health and Reduces Stress
- » Provides Essential Electrolytes
- » Promotes Disease Recovery
- » Facilitates Osmoregulation

Item #	Size	Treats
80288	1 lb	variable

Net Care

Fritz Pro Aquatics Net Care helps prevent contamination between tanks or ponds while keeping net fabric soft and moist.

- » Quickly Disinfect Nets Between Tanks
- » Keeps Net Fabric Soft
- » Perfect For Store or Professional Use



Item #	Size	Treats
22001	1 gallon	758 gal



TRUSTED BY PROFESSIONALS

AQUACULTURE, ZOOS & AQUARIUM EXHIBITS

NOW PACKAGED FOR THE ADVANCED HOBBYIST



Pro Chemicals

Fritz ProAquatics bulk reef chemicals are the essential building blocks of reef keeping, designed to adjust & maintain proper parameters, resulting in healthier coral, coralline algae, fish and invertebrates.

- » Customize Your Parameters
- » Same High Quality Ingredients as RPM Marine Salt Mix
- » Economical, High Value Dry Powder
- » Ammonia and Phosphate Free
- » No Unnecessary Trace Elements

Mag Sulfate	Item #	Size
	68020	20 oz jar
	68064	64 oz jar
	68128	1.25 gal bkt
	68640	5 gal bucket

Mag Flake	Item #	Size
	67020	20 oz jar
	67064	64 oz jar
	67128	1.25 gal bkt
	67640	5 gal bucket

Calcium Chloride	Item #	Size
	66020	20 oz jar
	66064	64 oz jar
	66128	1.25 gal bkt
	66640	5 gal bucket

Sodium Carbonate	Item #	Size
	70020	20 oz jar
	70064	64 oz jar
	70128	1.25 gal bkt
	70640	5 gal bucket

Sodium Bicarb	Item #	Size
	69020	20 oz jar
	69064	64 oz jar
	69128	1.25 gal bkt
	69640	5 gal bucket

Carbon AG & AP

Fritz Carbon is high-quality, activated carbon ideal for use in fresh or saltwater aquariums with all types of filters. Fritz Carbon removes dissolved organic compounds (DOC), agents that discolor aquarium water and cause odors, chlorine and chloramines.

- » Produced from Bituminous Coal
- » Will Not Leach Phosphate
- » Large Surface Area - Over 300,000 ft² per Ounce
- » Available as 4x8 Mesh Granular or 4mm Pelleted

AG	Item #	Size
	60020	20 oz jar
	60064	64 oz jar
	60128	1.25 gal bkt
	60640	25 lb box

AP	Item #	Size
	61020	20 oz jar
	61064	64 oz jar
	61128	1.25 gal bkt
	61640	25 lb box





F/2 Algae Food

The standard media for algae growth, prepared after Guillard's 1975 formulation. Super concentrated, easy-to-use liquid form for accurate dispersion eliminates the time required for weighing numerous minerals and trace elements. Two solutions (Solution A and Solution B) keeps separate vitamins from trace elements, allows for storage without decomposition or precipitation.

- » For Intensive Algae Culture in Fresh or Marine Water
- » Professional Research Concentration
- » Complete Algae Growth Media
- » Can Be Used for Diatom Culture with Addition of Metasilicate

	Item #	Size	Treats
Part A	84100	16 oz	960 gallons
	84200	1 gallon	7680 gallons
	84300	5 gallons	38400 gallons
Part B	84101	16 oz	960 gallons
	84201	1 gallon	7680 gallons
	84301	5 gallons	38400 gallons
	01086	1 kg Silicate	8828 gallons

PRO A.C.C.R. Dry

FritzPro A.C.C.R. is a unique, highly-concentrated powder that completely, instantly and safely detoxifies ammonia, chlorine and chloramine from fresh and saltwater. FritzPro A.C.C.R. is non-toxic and can be safely used in all types of fish and aquatic invertebrate culture.

- » Concentrated Dry Formula
- » Non-Toxic to Fish, Invertebrates, Aquatic Plants, Humans and Pets
- » Will Not Affect Dissolved Oxygen Levels In the Water
- » Safe For Use With Food Fish and Shellfish

Item #	Size	Treats
62020	1.25 lb jar	4700 gallons
62064	4 lb bucket	15040 gallons
62128	12 lb bucket	45120 gallons
62640	55 lb box	206800 gallons

Concentrated Chlorine Remover

FritzPro Concentrated Chlorine Remover is a pH-buffered, sodium thiosulfate-based solution designed to immediately and safely remove chlorine and chloramine from tap water.

- » Concentrated, Economical Formula
- » Essential for Water Changes
- » Will Not Decrease pH in Saltwater
- » Non-Toxic to Humans, Pets and Aquatic Life
- » 100% Phosphate-Free

Item #	Size	Treats
97016	16 oz	16000 gallons
97128	1 gallon	128000 gallons
97640	5 gallons	640000 gallons



FritzPond Guard®

FritzPond Guard® is a concentrated safe and effective pH-buffered water conditioner great for general use in large systems using tap water or after stressful events.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Concentrated for Ponds
- » Enhanced with Aloe Vera, Vitamin E, and Electrolytes
- » Promotes Slime Coat Regeneration
- » Reduces Stress
- » Aids Establishment of Nitrifying Bacteria

Item #	Size	Treats
22016	16 oz	1920 gallons
22032	32 oz	3840 gallons
22128	1 gal	15360 gallons
22640	5 gal bucket	76800 gallons

FritzPond Complete

FritzPond Complete is a concentrated, full-spectrum water conditioner perfect for regular pond maintenance as well as emergency situations when toxic ammonia and nitrite may accumulate.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Detoxifies Ammonia, Nitrite, Helps Reduce Nitrate
- » Does Not Affect pH
- » Economical, Concentrated Formula

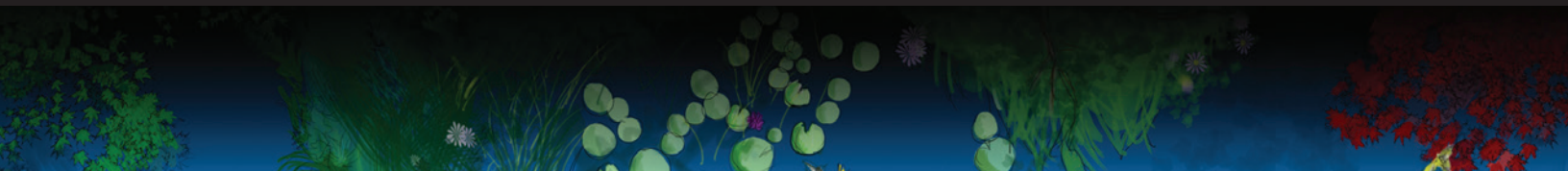
Item #	Size	Treats
23016	16 oz	4800 gallons
23032	32 oz	9600 gallons
23128	1 gal	38400 gallons
23640	5 gal bucket	192000 gallons

FritzPond Ammonia Remover

FritzPond Ammonia Remover is a trusted water conditioning formulation for starting new aquariums, or in systems experiencing accumulation of ammonia, such as after a loss of nitrifying bacteria.

- » Detoxifies Chlorine, Chloramines, and Heavy Metals
- » Detoxifies up to 1 ppm Ammonia per dose
- » Does Not Affect pH
- » Does not Deplete O₂ Levels
- » Great for Use During Cycling

Item #	Size	Treats
87016	16 oz	1920 gallons
87032	32 oz	3840 gallons
87128	1 gal	15360 gallons
87640	5 gal bucket	38400 gallons





FritzPond A.C.C.R. Dry

FritzPond A.C.C.R. is a unique, highly-concentrated powder that neutralizes ammonia, chlorine and chloramine protecting fish and other aquatic life in ponds and water gardens.

- » Concentrated Dry Formula
- » Non-Toxic to Fish, Invertebrates, Aquatic Plants, Humans, Pets, and Wildlife
- » Will Not Affect Dissolved Oxygen Levels In the Water

Item #	Size	Treats
78020	1.25 lb jar	4700 gallons
78064	4 lb bucket	15040 gallons
78125	12 lb bucket	45120 gallons

FritzPond Clarifier

FritzPond Clarifier rapidly clears cloudy, discolored water by flocculating fine particles suspended in the water column, allowing them to settle to the bottom or be removed by the filter.

- » Economical Concentrated Formula
- » Creates a Crystal Clear Pond
- » Improves Filter Efficiency
- » Easy To Use

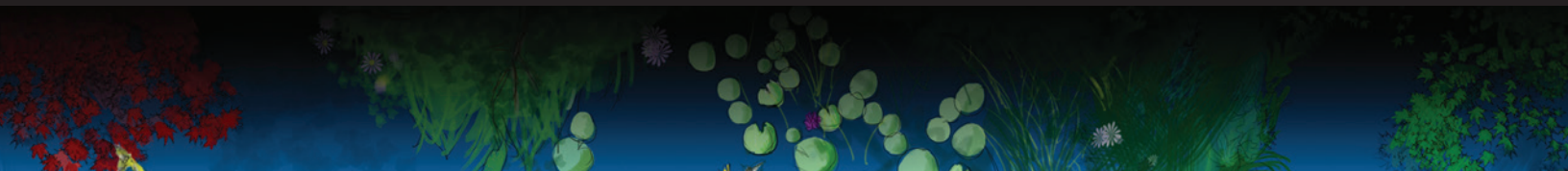
Item #	Size	Treats
24016	16 oz	4800 gallons
24032	32 oz	9600 gallons
24128	1 gal	38400 gallons
24640	5 gal bucket	192000 gallons

FritzPond Algae Clean Out

FritzPond Algae Clean Out is a simple and efficient solution for systems with nuisance algae with no extra headaches. Our formula is an EPA-registered true algacide that gives fast results.

- » Great for String Algae, Blanketweed, and Green Water
- » Does Not Affect Biological Filtration
- » Safe for All Pets, Plants, and Wildlife
- » Copper-Free

Item #	Size	Treats
25008	8 oz	2839 gallons
25016	16 oz	5678 gallons
25032	32 oz	11356 gallons
25128	1 gal	45424 gallons
25320	2.5 gal	113560 gallons





FritzZyme® Pond 360

Using FritzZyme® Pond 360 monthly as part of regular maintenance will help keep ponds clear of sludge and pollutants including fish waste, leftover food and other decaying organic matter. FritzZyme® Pond 360 is safe for all fish, plants and wildlife.

- » No Need for Refrigeration
- » Two Year Shelf Life
- » Available In Liquid or Dry Formulas
- » Can Be Used with All Other FritzZyme Products, incl: 7, 9, Turbo Start, and Trace
- » Great for Use After Maintenance

360 Liquid	Item #	Size	Treats
	28016	16 oz	1920 gallons
	28032	32 oz	3840 gallons
	28128	1 gal	15360 gallons

360 Dry	Item #	Size	Treats
	77020	20 oz jar	12000 gallons
	77064	64 oz jar	36000 gallons
	77125	1.25 gal bkt	88000 gallons

Barley Extract

Barley Extract is the all-natural way to keep pond water clear. Barley Extract provides the same benefits of barley straw, without the mess. Enzymes derived from the fermentation process help promote a healthy and naturally clear pond. Use every other week to naturally maintain clear water.

- » Naturally Clarifies Pond Water
- » Safe For All Plants and Wildlife
- » Concentrated for Value
- » Easy To Use
- » Compatible With All Other Fritz Products

Item #	Size	Treats
29016	16 oz	8000 gallons
29032	32 oz	16000 gallons
29128	1 gal	64000 gallons

Barley Bales

Barley Bales are an all-natural, safe, effective and economical way to maintain a clear pond year-round. As the barley straw decomposes in the water, natural by-products are released, promoting a clear and healthy aquatic environment.

- » Naturally Clarifies Pond Water
- » Safe For All Plants and Wildlife
- » Whole Straw Bales - Set It and Forget It
- » Easy To Use
- » Compatible With All Other Fritz Products

Item #	Size	Treats
29001	2 pack	2000 gallons





FritzPond Blue Dye

FritzPond Blue Dye turns pond water a beautiful, vibrant blue. Blue water also helps to conceal fish from predatory birds and wildlife, such as raccoons.

- » Shades Pond From Harmful UV Rays
- » Concentrated For Ponds
- » Conceals Fish From Predatory Birds
- » Concentrated, Easy-To-Use Formula
- » Safe For All Fish, Plants and Wildlife
- » Compatible With All Other Fritz Products

Item #	Size	Treats
26008	8 oz	4000 gallons
26016	16 oz	8000 gallons
26128	1 gal	64000 gallons

FritzPond Alkalinity Booster

FritzPond Alkalinity Booster is a safe and effective way to raise pond alkalinity. Contains a full spectrum of buffering agents, helping to prevent "pH bounce."

- » Safely Raises and Maintains Carbonate Hardness (KH)
- » Aids Nitrifying Bacteria in Reducing Ammonia
- » Phosphate-Free
- » Does Not Affect pH
- » Promotes Fish Health

Item #	Size
54020	20 oz
54064	64 oz
54125	1.25 gal bkt

FritzPond Waterfall Cleaner

FritzPond Waterfall Cleaner is a fast-acting oxygen-based powder that cleans decorations, planters, pond stones, and other surfaces in and around water features.

- » Cleans With the Power of Active Oxygen
- » Prevents and Reduces Odors
- » Use to Spot-Treat Waterfalls and Streams
- » Oxidizes Debris
- » Non-Toxic and Safe Around Fish, Birds, Pets and Plants When Used as Directed

Item #	Size
57020	20 oz
57064	64 oz
57125	1.25 gal bkt





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