



# Seachem Catalogue | 2026

**Seachem Laboratories, Inc**  
1000 Seachem Drive  
Madison, GA 30605  
888-SEACHEM  
[www.seachem.com](http://www.seachem.com)

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# Herbivore Tabs™

Sinking Tab for Fresh and Salt Water  
Herbivores

Contains a Variety of Vegetable and Algae  
Ingredients

Ideal for Plecos and Grazing Species

Seachem NutriDiet® Herbivore Tabs are a complete food in a convenient sinking tablet for all fish requiring plant-based or herbivorous diets. They are also an excellent way to vary diet and improve overall nutrition of omnivorous fish. For additional nutritional support try Seachem’s other NutriDiet® foods for all aquarium inhabitants.

| SKU  | Size        | Case Size | UPC          | Barcode                                                                               |
|------|-------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1003 | 85 g / 3 oz | 24        | 000116010030 |  |



# NutriDiet® Worm Flakes

Made with real worm ingredients: Bloodworms ,  
Silkworms, Tubifex Worms, Blackworms

Fortified with GarlicGuard™, Chlorella Algae, and  
Vitamin C

Promotes nutrient uptake, reduces waste, and  
supports the immune system

NutriDiet® Worm Flakes is a premium, balanced diet for carnivorous and omnivorous ornamental freshwater and marine fish. Made with high-quality worm ingredients and no low-value fillers, it's fortified with GarlicGuard™, chlorella algae, vitamin C, and probiotics to support digestion, nutrient absorption, and immune health. This complete formula provides essential proteins, fats, vitamins, and minerals while reducing waste and keeping water clear.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1053 | 15 g / 0.5 oz   | 24        | 000116010535 |  0 00116 01053 5 |
| 1054 | 30 g / 1.0 oz.  | 24        | 000116010542 |  0 00116 01054 2 |
| 1055 | 50 g / 1.8 oz   | 12        | 000116010559 |  0 00116 01055 9 |
| 1056 | 100 g / 3.5 oz  | 6         | 000116010566 |  0 00116 01056 6 |
| 1058 | 500 g / 1.1 lbs | 1         | 000116010580 |  0 00116 01058 0 |



## Prime®

Complete and concentrated conditioner for both fresh and saltwater

Removes chlorine and chloramine

Detoxifies ammonia, nitrite, and nitrate

5X more concentrated than competing products

Prime® is the complete and concentrated conditioner for both fresh and saltwater. Prime® removes chlorine, chloramine and detoxifies ammonia, nitrite, and nitrate. It is non-acidic and will not impact pH. A further bonus for the reef hobbyist—Prime® will not over-activate skimmers.

Prime® may be used during tank cycling to alleviate ammonia/nitrite toxicity. It contains a binder which renders ammonia, nitrite, and nitrate non-toxic, allowing the bio-filter to more efficiently remove them. It will also detoxify any heavy metals found in the tap water at typical concentration levels. Use at start-up and whenever adding or replacing water.

| SKU | Size                           | Case Size | UPC          | Barcode                                                                                               |
|-----|--------------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 434 | 50 mL / 1.7 fl. oz.            | 25        | 000116043403 |  0 00116 04340 3 |
| 435 | 100 mL / 3.4 fl. oz.           | 25        | 000116043502 |  0 00116 04350 2 |
| 436 | 250 mL / 8.5 fl. oz.           | 25        | 000116043601 |  0 00116 04360 1 |
| 430 | +30% BONUS 325 mL / 11 fl. oz. | 144       | 000116043007 |  0 00116 04300 7 |
| 433 | 500 mL / 17 fl. oz.            | 12        | 000116043304 |  0 00116 04330 4 |
| 437 | 1 L / 34 fl. oz.               | 12        | 000116043700 |  0 00116 04370 0 |
| 438 | 2 L / 67.6 fl. oz.             | 4         | 000116043809 |  0 00116 04380 9 |
| 439 | 4 L / 1 fl. gal.               | 2         | 000116043908 |  0 00116 04390 8 |
| 431 | 20 L / 5.3 fl. gal.            | 1         | 000116043106 |  0 00116 04310 6 |



# Safe™

Removes chlorine and chloramine  
Detoxifies ammonia, nitrite, and nitrate  
Highly concentrated  
Marine & Freshwater

Safe™ is the complete and super-concentrated dry conditioner for both fresh and salt water. Safe™ removes chlorine, chloramine and detoxifies ammonia, nitrite, and nitrate. It is non-acidic and will not impact pH. A further bonus for the reef hobbyist—Safe™ will not over-activate skimmers.

Safe™ may be used during tank cycling to alleviate ammonia/nitrite toxicity. It contains a binder which renders ammonia, nitrite, and nitrate non-toxic, allowing the bio-filter to more efficiently remove them. Use at start-up and whenever adding or replacing water. When transporting or quarantining fish, use Seachem StressGuard™. When adding new fish, use Stability®. Both are ideal for use with Safe™.

| SKU | Size           | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 384 | 50 g / 1.8 oz  | 25        | 000116038409 |  0 00116 03840 9 |
| 386 | 250 g / 8.8 oz | 25        | 000116038607 |  0 00116 03860 7 |
| 387 | 1 kg / 2.2 lbs | 12        | 000116038706 |  0 00116 03870 6 |
| 389 | 4 kg / 8.8 lbs | 1         | 000116038904 |  0 00116 03890 4 |
| 381 | 20 kg / 44 lbs | 1         | 000116038102 |  0 00116 03810 2 |



## AmGuard™

Removes toxic ammonia in marine and freshwater

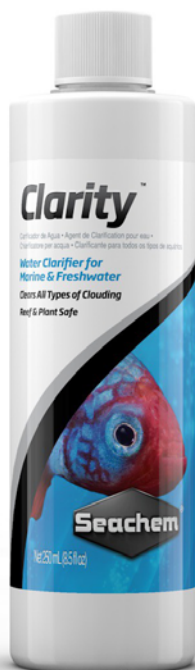
Detoxifies ammonia for up to 72 hours

Ideal for emergency situations

More effective than any other ammonia-binding product

AmGuard™ safely, rapidly and efficiently detoxifies toxic free ammonia. It is safe to use during tank cycling and is ideal for treating emergency situations. AmGuard™ is the strongest liquid ammonia binder on the market. It works within minutes to detoxify free ammonia, and it doesn't degrade for nearly 72 hours. That's at least twice as long as our competitors' products. Unlike competing products, AmGuard™ converts ammonia into a safe, non-toxic form that is readily removed by the tank's bio-filter. It does not alter pH.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 775 | 100 mL / 3.4 fl. oz. | 25        | 000116077507 |  0 00116 07750 7 |
| 776 | 250 mL / 8.5 fl. oz. | 25        | 000116077606 |  0 00116 07760 6 |
| 773 | 500 mL / 17 fl. oz.  | 12        | 000116077309 |  0 00116 07730 9 |
| 779 | 4 L / 1 fl. gal.     | 2         | 000116077903 |  0 00116 07790 3 |
| 771 | 20 L / 5.3 fl. gal.  | 1         | 000116007719 |  0 00116 00771 9 |



## Clarity™

Water clarifier for marine & freshwater

Clears all types of clouding

Reef and plant safe

Clarity™ is the ultimate clarifier for both fresh and saltwater. It employs an advanced polymeric flocculating agent that is both reef and plant safe.

Clarity™ is the only clarifier on the market that does it all! Clarity™ will clear all types of clouding.

Many companies manufacture multiple products to clear up each type of cloudiness and each different environment (e.g. freshwater, marine, reef, etc.). Some companies have developed products that will clear most types of cloudiness, but their application requires two separate bottles of product. Clarity™ contains compounds that will clear all types of cloudiness in all environments.

| SKU | Size                           | Case Size | UPC          | Barcode                                                                                               |
|-----|--------------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 145 | 100 mL / 3.4 fl. oz.           | 25        | 000116014502 |  0 00116 01450 2 |
| 146 | 250 mL / 8.5 fl. oz.           | 25        | 000116014601 |  0 00116 01460 1 |
| 140 | +30% BONUS 325 mL / 11 fl. oz. | 144       | 000116014007 |  0 00116 01400 7 |
| 143 | 500 mL / 17 fl. oz.            | 12        | 000116014304 |  0 00116 01430 4 |
| 149 | 4 L / 1 fl. gal.               | 2         | 000116014908 |  0 00116 01490 8 |



## Stability®

New tank stabilization system

Rapidly and safely establishes bio-filter

Prevents “New Tank Syndrome”

Marine & Freshwater

Stability® will rapidly and safely establish the aquarium bio-filter in freshwater and marine systems, thereby preventing the #1 cause of fish death: “new tank syndrome”. Stability® is formulated specifically for the aquarium and contains a synergistic blend of aerobic, anaerobic, and facultative bacteria which facilitate the breakdown of waste organics, ammonia, nitrite, and nitrate. The bacteria employed by Stability® are non-sulfur fixing and will not produce toxic hydrogen sulfide. Stability® is completely harmless to all aquatic organisms as well as aquatic plants, thus there is no danger of over use.

| SKU | Size                           | Case Size | UPC          | Barcode                                                                                               |
|-----|--------------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 124 | 50 mL / 1.7 fl. oz.            | 25        | 000116012409 |  0 00116 01240 9 |
| 125 | 100 mL / 3.4 fl. oz.           | 25        | 000116012508 |  0 00116 01250 8 |
| 126 | 250 mL / 8.5 fl. oz.           | 25        | 000116012607 |  0 00116 01260 7 |
| 120 | +30% BONUS 325 mL / 11 fl. oz. | 144       | 000116012003 |  0 00116 01200 3 |
| 123 | 500 mL / 17 fl. oz.            | 12        | 000116012300 |  0 00116 01230 0 |
| 122 | 1 L / 34 fl. oz.               | 12        | 000116001229 |  0 00116 00122 9 |
| 128 | 2 L / 67.6 fl. oz.             | 4         | 000116012805 |  0 00116 01280 5 |
| 129 | 4 L / 1 fl. gal.               | 2         | 000116012904 |  0 00116 01290 4 |
| 121 | 20 L / 5.3 fl. gal.            | 1         | 000116012102 |  0 00116 01210 2 |



## Pristine™

Natural organic waste management

5x more concentrated than competing products

Helps increase water clarity

Marine & Freshwater

Pristine™ uses bio-augmentation, a non-chemical and natural method, to improve water quality. It provides bacteria that break down excess food, waste and detritus in freshwater and marine systems. It will also reduce excess nutrients (e.g. ammonia, nitrates, and nitrites) that may fuel the growth of nuisance and disease-causing organisms. Pristine™ increases water clarity and promotes overall better health for the aquatic environment.

| SKU  | Size                           | Case Size | UPC          | Barcode                                                                                               |
|------|--------------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1240 | 100 mL / 3.4 fl. oz.           | 25        | 000116124003 |  0 00116 12400 3 |
| 1241 | 250 mL / 8.5 fl. oz.           | 25        | 000116124102 |  0 00116 12410 2 |
| 1248 | +30% BONUS 325 mL / 11 fl. oz. | 144       | 000116012485 |  0 00116 01248 5 |
| 1242 | 500 mL / 17 fl. oz.            | 12        | 000116124201 |  0 00116 12420 1 |
| 1245 | 1 L / 34 fl. oz.               | 12        | 000116012454 |  0 00116 01245 4 |
| 1247 | 2 L / 67.6 fl. oz.             | 4         | 000116012478 |  0 00116 01247 8 |
| 1243 | 4 L / 1 fl. gal.               | 2         | 000116124300 |  0 00116 12430 0 |
| 1244 | 20 L / 5.3 fl. gal.            | 1         | 000116124409 |  0 00116 12440 9 |





## StressGuard™

Reduces stress

Antiseptic for fish

Promotes healing

Marine & Freshwater

StressGuard™ is the premium slime coat protection product.

StressGuard™ will reduce stress and ammonia toxicity whenever handling or transporting fish. StressGuard™ binds to exposed protein in wounds to promote healing of injured fish and to reduce the likelihood of primary and secondary infections. StressGuard™ is compatible with all medications except those that are copper based. StressGuard™ is not amine based and will not interfere with Purigen®; or HyperSorb™ regeneration. StressGuard™ does not coat resins or clog filtration like competing “slime coat” type products can.

| SKU | Size                 | Case Size | UPC          | Barcode         |
|-----|----------------------|-----------|--------------|-----------------|
| 524 | 50 mL / 1.7 fl. oz.  | 25        | 000116052405 | 0 00116 05240 5 |
| 525 | 100 mL / 3.4 fl. oz. | 25        | 000116052504 | 0 00116 05250 4 |
| 526 | 250 mL / 8.5 fl. oz. | 25        | 000116052603 | 0 00116 05260 3 |
| 523 | 500 mL / 17 fl. oz.  | 12        | 000116052306 | 0 00116 05230 6 |
| 529 | 4 L / 1 fl. gal.     | 2         | 000116052900 | 0 00116 05290 0 |
| 521 | 20 L / 5.3 fl. gal.  | 1         | 000116052108 | 0 00116 05210 8 |



## Sure Start™

Aquarium conditioning starter pack

Contains 100 mL bottles of Prime®, Stability®, and Pristine™

Marine & Freshwater

### Prime®

Prime® is the complete and concentrated conditioner for both fresh and saltwater. Prime® removes chlorine, chloramine and detoxifies ammonia.

### Stability®

Stability® will rapidly and safely establish the aquarium bio-filter in freshwater and marine systems, thereby preventing the #1 cause of fish death: "new tank syndrome".

### Pristine™

Pristine™ uses bio-augmentation, a non-chemical and natural method, to improve water quality. It provides bacteria that break down excess food, waste and detritus in freshwater and marine systems. It will also reduce excess nutrients (e.g. ammonia, nitrates, and nitrites) that may fuel the growth of nuisance and disease-causing organisms. Pristine™ increases water clarity and promotes overall better health for the aquatic environment.

| SKU  | Size                        | Case Size | UPC          | Barcode         |
|------|-----------------------------|-----------|--------------|-----------------|
| 1128 | 3 - 100 mL/3.4 fl. oz. Pack | 12        | 000116011280 | 0 00116 01128 0 |



## Axolotl Conditioner™

Makes Tap Water Safe for Axolotls

Removes Chlorine, Chloramine & Detoxifies Ammonia

Seachem Axolotl Conditioner™ is a concentrated aquarium water conditioner that makes tap water safe for Axolotls by removing chlorine, chloramine and detoxifying ammonia. It converts ammonia, which is highly toxic to Axolotls, into a safe, non-toxic form that is readily removed by the tank's biofilter. Axolotl Conditioner™ also detoxifies nitrite and nitrate, allowing the biofilter to more efficiently remove them making it effective during tank cycling to alleviate ammonia/nitrite toxicity. Additionally, it detoxifies any heavy metals found in the tap water at typical concentration levels. Axolotl Conditioner™ is non-acidic and will not impact pH. Use Seachem Axolotl Buffer™ for safe and effective pH management. Axolotls can produce high levels of ammonia so it is very important to cycle your aquarium with beneficial bacteria such as Seachem Stability® to safely establish and maintain efficient biofiltration.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8135 | 100 mL / 3.5 fl. oz. | 25        | 000116081351 |  0 00116 08135 1 |
| 8136 | 250 mL / 8.5 fl. oz. | 25        | 000116081368 |  0 00116 08136 8 |
| 8133 | 500 mL / 17 fl. oz.  | 12        | 000116081337 |  0 00116 08133 7 |
| 8138 | 2 L / 67.6 fl. oz.   | 4         | 000116081382 |  0 00116 08138 2 |
| 8139 | 4 L / 1 fl. gal.     | 2         | 000116081399 |  0 00116 08139 9 |



## CupriSorb™

Powerful adsorbent of copper and heavy metals

Copper specific chelating resin

Removes all types of copper

CupriSorb™ is a powerful adsorbent of copper and heavy metals.

CupriSorb™ will remove copper more rapidly and efficiently than carbon and is thus ideal for emergency copper removal. It extracts all types of copper, including chelated copper, and remains effective until it turns a deep blue-black color. It may be regenerated repeatedly. If placed in continuous use, it will gradually extract even precipitated copper from the gravel/substrate bed as well. CupriSorb™ will allow maintenance of invertebrates in copper-treated tanks by removing copper leaching from substrates.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 205 | 100 mL bagged               | 24        | 000116020503 |  0 00116 02050 3 |
| 206 | 250 mL / 15 in <sup>3</sup> | 25        | 000116020602 |  0 00116 02060 2 |
| 203 | 500 mL / 30 in <sup>3</sup> | 12        | 000116020305 |  0 00116 02030 5 |
| 209 | 4 L / 244 in <sup>3</sup>   | 1         | 000116020909 |  0 00116 02090 9 |
| 201 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116020107 |  0 00116 02010 7 |



## Purigen®

Ultimate filtration

Highest organic removal capacity

Possesses enhanced capacity owing to its vast surface area; both spherical and macroreticular

Helps control ammonia/nitrite/nitrate

Color changes as it exhausts; easily regenerated

Purigen® is a premium synthetic adsorbent that is unlike any other filtration product. It is not a mixture of ion exchangers or low-capacity adsorbents, but a unique macro-porous synthetic polymer that removes soluble and insoluble impurities from water at a rate and capacity that exceeds all other competing products by over 500%. Purigen® controls ammonia, nitrites and nitrates by removing nitrogenous organic waste that would otherwise release these harmful compounds.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 165 | 100 mL bagged               | 24        | 000116016506 |  0 00116 01650 6 |
| 166 | 250 mL / 15 in <sup>3</sup> | 25        | 000116016605 |  0 00116 01660 5 |
| 163 | 500 mL / 30 in <sup>3</sup> | 12        | 000116016308 |  0 00116 01630 8 |
| 167 | 1 L / 61 in <sup>3</sup>    | 12        | 000116016704 |  0 00116 01670 4 |
| 168 | 2 L / 122 in <sup>3</sup>   | 4         | 000116016803 |  0 00116 01680 3 |
| 169 | 4 L / 244 in <sup>3</sup>   | 1         | 000116016902 |  0 00116 01690 2 |
| 161 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116016100 |  0 00116 01610 0 |



## HyperSorb™

High capacity organic waste removal

Synthetic adsorbent

Economical carbon substitute

No impact on pH; minimal impact on trace elements

Seachem's HyperSorb™ is a premium synthetic adsorbent with outstanding organic removal capacity and ionic management abilities; it removes organic waste, toxic vapors and other pollutants. It is ideal for all types of water, including marine, brackish, and a broad spectrum of freshwater from acid to alkaline. In freshwater it will help stabilize the ionic balance and will help control ammonia, nitrite, and nitrate. It has all the advantages of carbon and none of the disadvantages.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 155 | 100 mL bagged               | 24        | 000116015509 |  0 00116 01550 9 |
| 156 | 250 mL / 15 in <sup>3</sup> | 25        | 000116015608 |  0 00116 01560 8 |
| 158 | 2 L / 122 in <sup>3</sup>   | 4         | 000116015806 |  0 00116 01580 6 |
| 159 | 4 L / 244 in <sup>3</sup>   | 1         | 000116015905 |  0 00116 01590 5 |



## MatrixCarbon™

High efficiency carbon

Very little impact on pH

Lowest leachable phosphate level on the market

High removal capacity; large surface area

MatrixCarbon™ is a truly unique activated carbon. It is formed as a spherical bead for optimum hydrodynamics, and will not pack. It permits maximum water flow and contact with its high density of macroporous binding sites. MatrixCarbon™ has a very low ash content as indicated by its minimal impact on pH. Even when added to distilled water, it does not raise pH above 7.0. While all carbons contain phosphate, regardless of false claims to the contrary, MatrixCarbon™ has the lowest detectable leachable phosphate content of all major carbon brands tested. MatrixCarbon™ outperforms other high grade carbons by at least two-fold when compared for total capacity to remove aquarium organic matter, rate of adsorption, and duration of use.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 105 | 100 mL bagged               | 24        | 000116010504 |  0 00116 01050 4 |
| 106 | 250 mL / 15 in <sup>3</sup> | 25        | 000116010603 |  0 00116 01060 3 |
| 103 | 500 mL / 30 in <sup>3</sup> | 12        | 000116010306 |  0 00116 01030 6 |
| 107 | 1 L / 61 in <sup>3</sup>    | 12        | 000116010702 |  0 00116 01070 2 |
| 108 | 2 L / 122 in <sup>3</sup>   | 4         | 000116010801 |  0 00116 01080 1 |
| 109 | 4 L / 244 in <sup>3</sup>   | 1         | 000116010900 |  0 00116 01090 0 |
| 101 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116010108 |  0 00116 01010 8 |
| 102 | 100 L / 3.5 ft <sup>3</sup> | 1         | 000116010207 |  0 00116 01020 7 |



## Renew™

Phosphate-free carbon substitute

High pore # for maximum organic removal

Does not leach phosphate

No impact on trace minerals or important nutrients

Renew™ is ideal for use in systems where phosphate released from all activated carbons poses a problem. Renew™ is also less aggressive than carbon, making it well suited for reefs and planted aquaria. It is also beneficial for use in soft water aquaria where the pH-raising property of many carbons is not an asset. Renew™ will remove organics and particulates in the sub-micron range; it will also help control ammonia, nitrates, and phosphates.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 85  | 100 mL bagged               | 24        | 000116008501 |  0 00116 00850 1 |
| 86  | 250 mL / 15 in <sup>3</sup> | 25        | 000116008600 |  0 00116 00860 0 |
| 83  | 500 mL / 30 in <sup>3</sup> | 12        | 000116008303 |  0 00116 00830 3 |
| 87  | 1 L / 61 in <sup>3</sup>    | 12        | 000116008709 |  0 00116 00870 9 |
| 88  | 2 L / 122 in <sup>3</sup>   | 4         | 000116008808 |  0 00116 00880 8 |
| 89  | 4 L / 244 in <sup>3</sup>   | 1         | 000116008907 |  0 00116 00890 7 |
| 81  | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116008105 |  0 00116 00810 5 |
| 82  | 100 L / 3.5 ft <sup>3</sup> | 1         | 000116008204 |  0 00116 00820 4 |





## SeaGel™

Removes phosphate, silicate, organics, metals, acids, and more

50/50 blend of MatrixCarbon® and PhosGuard™

SeaGel™ is a blend of MatrixCarbon™ and PhosGuard™ and is optimized specifically for aquaria where organic color body and acid removal is required without the introduction of phosphate. MatrixCarbon™ is an ultra-capacity carbon for the removal of organic and color impurities. PhosGuard™ is a powerful remover of phosphate, silicate, toxic metals, and acids. Both components are bead shaped for optimum water flow characteristics and penetration. The components enhance each other and are ideal for reef and marine use. SeaGel™ may also be used in freshwater that is not phosphate buffered.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 65  | 100 mL bagged    | 24        | 000116006507 |  0 00116 00650 7 |
| 66  | 250 mL / 15 in^3 | 25        | 000116006606 |  0 00116 00660 6 |
| 63  | 500 mL / 30 in^3 | 12        | 000116006309 |  0 00116 00630 9 |
| 67  | 1 L / 61 in^3    | 12        | 000116006705 |  0 00116 00670 5 |
| 68  | 2 L / 122 in^3   | 4         | 000116006804 |  0 00116 00680 4 |
| 69  | 4 L / 244 in^3   | 1         | 000116006903 |  0 00116 00690 3 |
| 61  | 20 L / 0.70 ft^3 | 1         | 000116006101 |  0 00116 00610 1 |
| 62  | 100 L / 3.5 ft^3 | 1         | 000116006200 |  0 00116 00620 0 |



## PhosGuard™

Rapidly removes phosphate & silicate

Spherical for optimal hydrodynamics

Irreversible binding

Binds 0.87 mg phosphate per gram of media

PhosGuard™ rapidly removes phosphate and silicate from marine and freshwater aquaria. Although PhosGuard™ is effective in both fresh and marine water, it will operate better in sea water and the need for it is better defined in sea water. It is not recommended for phosphate buffered freshwater (PhosGuard™ would remove the buffer until saturated). PhosGuard™ is highly porous and bead-shaped to promote easy water flow through and around it, thereby increasing both its efficiency and capacity.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 185 | 100 mL bagged               | 24        | 000116018500 |  0 00116 01850 0 |
| 186 | 250 mL / 15 in <sup>3</sup> | 25        | 000116018609 |  0 00116 01860 9 |
| 183 | 500 mL / 30 in <sup>3</sup> | 12        | 000116018302 |  0 00116 01830 2 |
| 187 | 1 L / 61 in <sup>3</sup>    | 12        | 000116018708 |  0 00116 01870 8 |
| 188 | 2 L / 122 in <sup>3</sup>   | 4         | 000116018807 |  0 00116 01880 7 |
| 189 | 4 L / 244 in <sup>3</sup>   | 1         | 000116018906 |  0 00116 01890 6 |
| 181 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116018104 |  0 00116 01810 4 |
| 182 | 100 L / 3.5 ft <sup>3</sup> | 1         | 000116018203 |  0 00116 01820 3 |



## PhosBond™

Rapidly removes phosphate & silicate

Ferric oxide coated aluminum oxide phosphate adsorber

High porosity and surface area give it a large binding capacity

Binds 1.19 mg phosphate per gram of media

PhosBond™ is a revolutionary new product that combines the phosphate removing capabilities of both aluminum oxide and granular ferric oxide into a singular material forming a synergistic effect. It rapidly removes phosphates and silicates from saltwater and freshwater, combining the best of both types of phosphate removers. Its high porosity and surface area give it a large binding capacity, while its physical strength and integrity assures that it will not break down from mechanical stress.

| SKU  | Size                        | Case Size | UPC          | Barcode         |
|------|-----------------------------|-----------|--------------|-----------------|
| 1260 | 100 mL bagged               | 24        | 000116126007 | 0 00116 12600 7 |
| 1261 | 250 mL / 15 in <sup>3</sup> | 25        | 000116126106 | 0 00116 12610 6 |
| 1262 | 500 mL / 30 in <sup>3</sup> | 12        | 000116126205 | 0 00116 12620 5 |
| 1265 | 1 L / 61 in <sup>3</sup>    | 12        | 000116126502 | 0 00116 12650 2 |
| 1263 | 4 L / 244 in <sup>3</sup>   | 1         | 000116126304 | 0 00116 12630 4 |
| 1264 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116126403 | 0 00116 12640 3 |



## PhosNet™

Rapidly removes phosphate & silicate

Synthetic granular ferric oxide (GFO)

Less dust and thus easier to use than most competing GFO products

Binds 1.41 mg phosphate per gram of media

PhosNet™ is a granular ferric oxide (GFO) with high porosity, high surface area and high binding capacity. It will rapidly remove phosphates and silicates from both freshwater and saltwater and will not release them back into your aquarium. It exhibits stronger binding than most competing products and consequently can reduce phosphates and silicates to very low levels. PhosNet™ also offers less dust and thus is easier to use than most competing GFO products.

| SKU  | Size            | Case Size | UPC          | Barcode         |
|------|-----------------|-----------|--------------|-----------------|
| 1250 | 50 g bagged     | 24        | 000116125000 | 0 00116 12500 0 |
| 1251 | 125 g / 4.4 oz. | 25        | 000116125109 | 0 00116 12510 9 |
| 1252 | 250 g / 8.8 oz  | 12        | 000116125208 | 0 00116 12520 8 |
| 1255 | 500 g / 1.1 lbs | 12        | 000116012553 | 0 00116 01255 3 |
| 1253 | 2 kg / 4.4 lbs  | 1         | 000116125307 | 0 00116 12530 7 |
| 1254 | 10 kg / 22 lbs  | 1         | 000116125406 | 0 00116 12540 6 |



## Zeolite™

Binds ammonia and heavy metals

Highest ammonia binding capacity of any zeolite

Removes harmful metal ions like lead, copper, nickel, and zinc

Seachem Zeolite™ is a naturally occurring, highly-porous mineral that binds ammonia and heavy metals through an ion exchange mechanism. It has the highest ammonia binding capacity of any available zeolite; ten times higher than some products and twice the capacity of the closest competitor. It won't deplete calcium in saltwater, and it won't increase general hardness in freshwater, where the ionic strength is low.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1271 | 100 mL bagged   | 24        | 000116012713 |  0 00116 01271 3 |
| 1272 | 250 mL / 15 in³ | 25        | 000116012720 |  0 00116 01272 0 |
| 1273 | 500 mL / 30 in³ | 12        | 000116012737 |  0 00116 01273 7 |
| 1274 | 1 L / 61 in³    | 12        | 000116012744 |  0 00116 01274 4 |
| 1275 | 2 L / 122 in³   | 4         | 000116012751 |  0 00116 01275 1 |
| 1276 | 4 L / 244 in³   | 1         | 000116012768 |  0 00116 01276 8 |
| 1277 | 20 L / 0.70 ft³ | 1         | 000116012775 |  0 00116 01277 5 |



## Matrix™

High capacity biofiltration

Controls ammonia, nitrite, and nitrate

Highly porous - enormous surface area (>700 m<sup>2</sup>/L)

Supports aerobic and anaerobic bacteria species

Matrix™ is a high porosity biomedium that provides efficient biofiltration for the removal of nitrogenous waste. Matrix™ is a porous inorganic solid about 10 mm in diameter. Each liter of Matrix™ provides as much surface (>~700 m<sup>2</sup>) as 170 liters of plastic balls! Plastic bio-materials provide only external surface area, whereas Matrix™ provides both external and internal macroporous surface area. These macropores are ideally sized for the support of nitrifying and denitrifying bacteria. This allows Matrix™, unlike other forms of biomedium, to remove nitrate along with ammonia and nitrite, simultaneously and in the same filter.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 116 | 250 mL / 15 in <sup>3</sup> | 25        | 000116011600 |  0 00116 01160 0 |
| 113 | 500 mL / 30 in <sup>3</sup> | 12        | 000116011303 |  0 00116 01130 3 |
| 117 | 1 L / 61 in <sup>3</sup>    | 12        | 000116011709 |  0 00116 01170 9 |
| 118 | 2 L / 122 in <sup>3</sup>   | 4         | 000116011808 |  0 00116 01180 8 |
| 119 | 4 L / 244 in <sup>3</sup>   | 1         | 000116011907 |  0 00116 01190 7 |
| 111 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116011105 |  0 00116 01110 5 |
| 112 | 100 L / 3.5 ft <sup>3</sup> | 1         | 000116011204 |  0 00116 01120 4 |



## de\*nitrate™

Removes nitrates, nitrites, ammonia, and organics

High capacity biological media

Pore size well suited for anaerobic bacteria

No danger of hydrogen sulfide production as with sulfur based media

de\*nitrate™ is an economical, natural, porous material with a pore distribution and geometry that promotes both aerobic nitrification within the first few millimeters of depth and anaerobic denitrification at the core. The material has a high surface area and supports a high density of bacteria. Although de\*nitrate™ has capacity to trap nitrate, this, as with other nitrate retaining materials, such as certain zeolites and synthetic resins, is quite limited and the primary mechanism of nitrate removal is anaerobic.

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                 |
|-----|-----------------------------|-----------|--------------|-----------------------------------------------------------------------------------------|
| 135 | 100 mL bagged               | 24        | 000116013505 |  5 |
| 136 | 250 mL / 15 in <sup>3</sup> | 25        | 000116013604 |  4 |
| 133 | 500 mL / 30 in <sup>3</sup> | 12        | 000116013307 |  7 |
| 137 | 1 L / 61 in <sup>3</sup>    | 12        | 000116013703 |  3 |
| 138 | 2 L / 122 in <sup>3</sup>   | 4         | 000116013802 |  2 |
| 139 | 4 L / 244 in <sup>3</sup>   | 1         | 000116013901 |  1 |
| 131 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116013109 |  9 |
| 132 | 100 L / 3.5 ft <sup>3</sup> | 1         | 000116013208 |  8 |

Hardware & Accessories



# Tidal 35 Power Filter®

Powerful and versatile filter for up to 35 gallon aquariums

Innovative design

Easy to use

Versatile

High Quality

Tidal™ Power Filters are designed from the ground up to provide your aquarium with high-quality, comprehensive filtration. They are easy to use and adaptable to a variety of aquarium conditions. With a host of features including a self-priming pump, dual water intake with surface skimmer, adjustable flow, maintenance monitor, self-cleaning impeller, and a filter basket that holds any kind of filtration media - and more of it - Tidal™ Power Filters are designed to deliver the highest water quality possible with maximum versatility and ease of use.

| SKU  | Size                        | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 6581 | Tidal Filter 35 gal (135 L) | 12        | 000116065818 |  0 00116 06581 8 |



# Tidal Power Filters™

Powerful filters for 55, 75, and 110 gallon aquariums

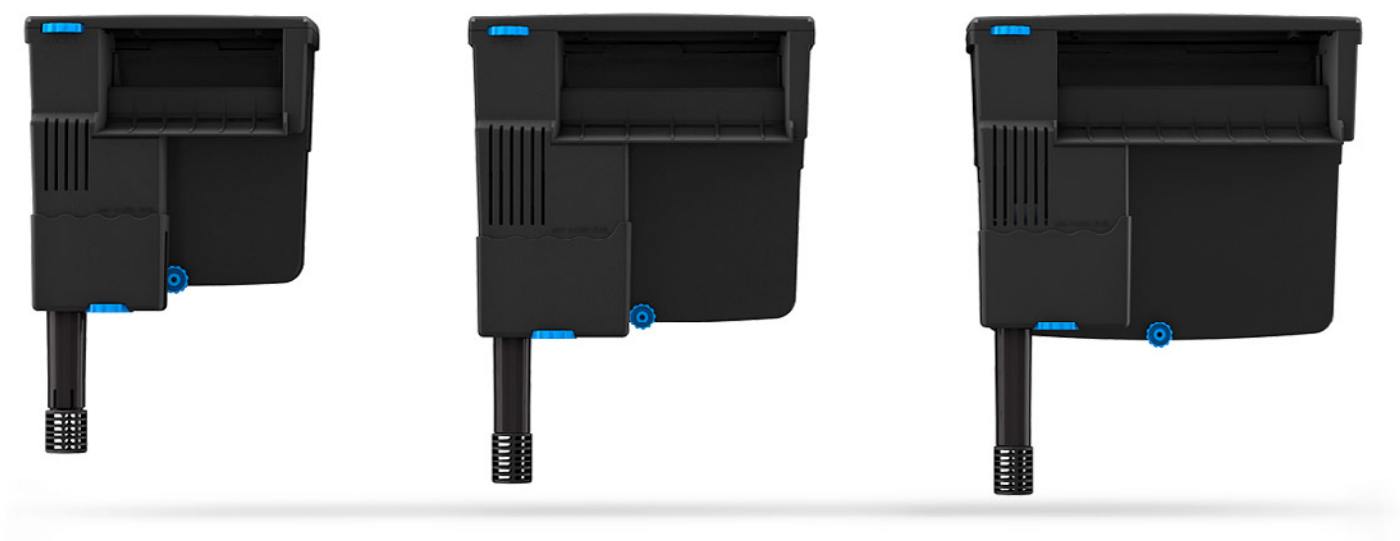
Innovative design

Easy to use

Versatile

High quality

Tidal™ Power Filters are designed from the ground up to provide your aquarium with high-quality, comprehensive filtration. They are easy to use and adaptable to a variety of aquarium conditions. With a host of features including a self-priming pump, dual water intake with surface skimmer, adjustable flow, maintenance monitor, self-cleaning impeller, and a filter basket that holds any kind of filtration media - and more of it - Tidal™ Power Filters are designed to deliver the highest water quality possible with maximum versatility and ease of use.



| SKU  | Size                         | Case Size | UPC          | Barcode                                                                                               |
|------|------------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 6500 | Tidal Filter 55 gal (208 L)  | 10        | 000116065009 |  0 00116 06500 9 |
| 6501 | Tidal Filter 75 gal (285 L)  | 4         | 000116065016 |  0 00116 06501 6 |
| 6502 | Tidal Filter 110 gal (415 L) | 4         | 000116065023 |  0 00116 06502 3 |

# Tidal Pump™

Replacement pump for Tidal Power Filter

Self-priming

Durable

Easy maintenance



The Tidal™ Pump (35, 55, 75, & 110) is self-priming, which means that there is no need to fill the filter basket with water, start a siphon, monitor the filter, or any of the other headaches of starting a new filter. This also means that the filter will restart itself with no trouble after a power outage.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                               |
|------|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 6587 | Tidal 35 Pump  | 12        | 000116065870 |  |
| 6519 | Tidal 55 Pump  | 12        | 000116065191 |  |
| 6520 | Tidal 75 Pump  | 12        | 000116065207 |  |
| 6521 | Tidal 110 Pump | 12        | 000116065214 |  |



## Tidal Impeller™

Replacement impeller for Tidal Power Filter

Self-cleaning

Corrosion-proof

Saltwater & Freshwater

The Tidal™ Impeller (35, 55, 75, & 110) is self-cleaning, corrosion-proof, and suited for both saltwater and freshwater environments. This cuts down on maintenance and makes the filter suitable for a wide range of environments.

| SKU  | Size               | Case Size | UPC          | Barcode                                                                                               |
|------|--------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 6586 | Tidal 35 Impeller  | 6         | 000116065863 |  0 00116 06586 3 |
| 6516 | Tidal 55 Impeller  | 6         | 000116065160 |  0 00116 06516 0 |
| 6517 | Tidal 75 Impeller  | 6         | 000116065177 |  0 00116 06517 7 |
| 6518 | Tidal 110 Impeller | 6         | 000116065184 |  0 00116 06518 4 |

## Tidal Polishing Pad™

Fine polishing pad for Tidal Power filters

Removes small particles

Clarifies water



The Tidal™ Polishing Pad traps and removes fine particles and debris, polishing water to exceptional clarity. As with all mechanical filtration media, the Tidal™ Polishing Pad should be cleaned regularly by thoroughly rinsing under clean water. When it no longer rinses clean or has visible signs of wear, it should be replaced. Use with Seachem Clarity™ for maximum performance.

| SKU  | Size                             | Case Size | UPC          | Barcode                                                                               |
|------|----------------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 6615 | Tidal 35 Polishing Pad (2 Pack)  | 12        | 000116066150 |  |
| 6616 | Tidal 55 Polishing Pad (2 Pack)  | 12        | 000116066167 |  |
| 6617 | Tidal 75 Polishing Pad (2 Pack)  | 12        | 000116066174 |  |
| 6618 | Tidal 110 Polishing Pad (2 Pack) | 12        | 000116066181 |  |

## Tidal Foam™

Foam filter replacement for Tidal Power filters

Durable mechanical filtration

Extends the life of chemical media

The Foam Filter Sponge (35, 55, 75, & 110) acts as mechanical filtration, trapping detritus and other large particulates. It is your first stage of filtration, and its use will help extend the life of chemical filtration media.



| SKU  | Size                    | Case Size | UPC          | Barcode                                                                                               |
|------|-------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 6582 | Tidal 35 Foam (2 Pack)  | 12        | 000116065825 |  0 00116 06582 5 |
| 6503 | Tidal 55 Foam (2 Pack)  | 12        | 000116065030 |  0 00116 06503 0 |
| 6504 | Tidal 75 Foam (2 Pack)  | 12        | 000116065047 |  0 00116 06504 7 |
| 6505 | Tidal 110 Foam (2 Pack) | 12        | 000116065054 |  0 00116 06505 4 |

## Tidal Zeolite™

Zeolite pouch for Tidal Power Filters

Highest ammonia binding capacity of any zeolite

Removes harmful metal ions like lead, copper, nickel, and zinc

Seachem Zeolite™ has the highest ammonia binding capacity of any available zeolite; ten times higher than some products and twice the capacity of the closest competitor.

Seachem Zeolite™ for the 35, 55, 75, and 110 units comes pre-bagged in Seachem Zip Bags, which feature durable seams & a corrosion-resistant zipper.



| SKU  | Size              | Case Size | UPC          | Barcode                                                                               |
|------|-------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 6585 | Tidal 35 Zeolite  | 12        | 000116065856 |  |
| 6513 | Tidal 55 Zeolite  | 12        | 000116065139 |  |
| 6514 | Tidal 75 Zeolite  | 12        | 000116065146 |  |
| 6515 | Tidal 110 Zeolite | 12        | 000116065153 |  |



## Tidal MatrixCarbon™

MatrixCarbon pouch for Tidal Power Filters

High-efficiency spherical carbon

Lowest leachable phosphate level on the market

High removal capacity; large surface area

MatrixCarbon™ outperforms other high grade carbons by at least two-fold when compared for total capacity to remove aquarium organic matter, rate of adsorption, and duration of use.

MatrixCarbon™ for the 35, 55, 75, and 110 units comes pre-bagged in Seachem Zip Bags, which feature durable seams & a corrosion-resistant zipper.

| SKU  | Size                   | Case Size | UPC          | Barcode                                                                               |
|------|------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 6584 | Tidal 35 MatrixCarbon  | 12        | 000116065849 |  |
| 6509 | Tidal 55 MatrixCarbon  | 12        | 000116065092 |  |
| 6511 | Tidal 75 MatrixCarbon  | 12        | 000116065115 |  |
| 6512 | Tidal 110 MatrixCarbon | 12        | 000116065122 |  |



## Tidal Matrix™

Matrix pouch for Tidal Power Filters

High capacity biofiltration

Controls ammonia, nitrite, and nitrate

Supports aerobic and anaerobic bacteria species

Matrix™ is a high porosity biomedial that provides efficient biofiltration for the removal of nitrogenous waste. Every Tidal™ filter comes with a bag of Matrix™ to get you started.

Matrix™ for the 35, 55, 75, and 110 units comes pre-bagged in Seachem Zip Bags, which feature durable seams & a corrosion-resistant zipper.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 6583 | Tidal 35 Matrix  | 12        | 000116065832 |  0 00116 06583 2 |
| 6506 | Tidal 55 Matrix  | 12        | 000116065061 |  0 00116 06506 1 |
| 6507 | Tidal 75 Matrix  | 12        | 000116065078 |  0 00116 06507 8 |
| 6508 | Tidal 110 Matrix | 12        | 000116065085 |  0 00116 06508 5 |





## Impulse™ Pumps

Energy efficient and quiet

Wear-resistant impeller

Dry and wet application

Fresh and saltwater

Easy maintenance

Flow regulator

Hose adapters and suction cups included

The Impulse™ is a quiet, energy-efficient, multi-function pump. It is ideal for fresh and saltwater aquariums, protein skimmers, indoor fountains, water-cooling and all similar submersible and inline applications which require energy efficient, ultra quiet performance. The Impulse™ is equipped with a synchronous motor and an advanced impeller, ceramic shaft and bearings (stainless steel on the Impulse™ 400), and an adjustable flow rate. Multi-size hose adapter fittings and suction cups are included.

| SKU  | Size             | Case Size | UPC          | Barcode         |
|------|------------------|-----------|--------------|-----------------|
| 6700 | Impulse Pump 400 | 24        | 000116067003 | 0 00116 06700 3 |
| 6711 | Impulse Pump 600 | 15        | 000116067119 | 0 00116 06711 9 |
| 6722 | Impulse Pump 800 | 15        | 000116067225 | 0 00116 06722 5 |



## The Bag™

Welded filter bag ideal for all filtration

Resealable locking closure

180 micron mesh

Resistant to bleach, caustics, and acids

The Bag™ is an innovative welded filter bag with a durable non-stitched seam. It has a 180 micron mesh, is resistant to bleach, caustics, and acids, and comes with a convenient resealable locking closure. It is available in a convenient 5" x 9.5" size. It is ideal for all filtration products and has an exceptionally long life.

Unlike stitched seams, welded seams are not subject to degradation from exposure to bleach, caustics, acids, or other harsh environmental exposure likely to take place during regeneration of filter media. Caution should be exercised, however, to avoid overfilling or over-packing as welded seams can be forced to separate by excessive pulling forces.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                               |
|------|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3100 | 13 x 25 cm (5"x10") | 24        | 000116310000 |  |



# Zip Bag™

- Mesh filter bags with zipper
- Ideal for a wide variety of filter media
- Corrosion-proof zipper
- No strings or ties

The Zip Bag™ is a mesh bag for holding filtration media. It is available in several sizes, can hold a wide variety of filter medias, and comes with a convenient corrosion-proof zipper.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1504 | 12.5"x5.5" Fine Mesh | 24        | 000116015042 |  0 00116 01504 2 |
| 1521 | 12.5"x5.5" Med Mesh  | 24        | 000116015219 |  0 00116 01521 9 |
| 1505 | 19"x17" Large Mesh   | 24        | 000116015059 |  0 00116 01505 9 |

## Filter Sock™

Filter sock with plastic collar

Improves water quality and reduces filter maintenance

Variety of micron ratings to suit every aquarium



Filter socks are a critical component in maintaining water quality in aquariums. They remove suspended debris and detritus, which often lead to excess dissolved organics, nitrate, and phosphate when left unchecked. This makes Seachem Filter Socks an integral addition to any sump and overflow system.

In addition to a 100 micron rating for exceptional particulate removal, they feature welded seams, which, unlike threaded seams of similar products, will not breakdown over time. They have a singed finish, which reduces wear and prevents release of fibers back into the water column. Finally, the plastic collar simplifies installation and easily fits standard sump fittings.

| SKU  | Size                      | Material        | Case Size | UPC          | Barcode                                                                               |
|------|---------------------------|-----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1551 | 10 x 30 cm / 4" x 12"     | 100 Micron Felt | 6         | 000116015516 |  |
| 1552 | 17.5 x 40.5 cm / 7" x 16" | 100 Micron Felt | 6         | 000116015523 |  |
| 1553 | 10 x 30 cm / 4" x 12"     | 200 Micron Felt | 6         | 000116015530 |  |
| 1554 | 17.5 x 40.5 cm / 7" x 16" | 200 Micron Felt | 6         | 000116015547 |  |
| 1555 | 10 x 30 cm / 4" x 12"     | 250 Micron Mesh | 6         | 000116015554 |  |
| 1556 | 17.5 x 40.5 cm / 7" x 16" | 250 Micron Mesh | 6         | 000116015561 |  |



# Algae Scraper

3 in 1 algae scraper for aquariums

Ergonomic handle

Retractable blade

Floats

The Seachem Algae Scraper is designed with versatility in mind. With three retractable blades: metal, plastic, and soft pad, it is suited for both glass and acrylic aquariums. It is lightweight and features an ergonomic handle making it comfortable to hold in multiple positions. In addition, it floats for easy retrieval. Finally, its white color makes it easy to see the algae you want to remove and when you’ve effectively removed it.

| SKU  | Size                        | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3199 | 15 cm / 6"                  | 24        | 000116031998 |  |
| 3207 | 31 cm / 12"                 | 12        | 000116032070 |  |
| 3208 | 46 cm / 18"                 | 12        | 000116032087 |  |
| 3211 | Replacement Kit             | 48        | 000116032117 |  |
| 3212 | Replacement Blades (3 Pack) | 48        | 000116032124 |  |
| 3214 | Replacement Pads (3 pack)   | 48        | 000116032148 |  |



# Algae Pad™

Non-scratch algae pads for glass and acrylic

Melamine foam

Safe for glass and acrylic

No soaps or detergents

The Seachem Algae Pads are non-scratch algae pads for glass & acrylic. The melamine foam uses micro abrasive technology to easily remove algae from the sides of your aquarium. They are particularly effective at removing algae from scratches. They are chemically inert and do not use soaps or detergents. Their white color contrasts against dark algae making it easier to see when areas are fully clean.

| SKU  | Size                   | Case Size | UPC          | Barcode                                                                                               |
|------|------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3203 | 25 mm Thick (3 pack)   | 24        | 000116032032 |  0 00116 03203 2 |
| 3202 | 15 mm Thick (18 pack)  | 6         | 000116032025 |  0 00116 03202 5 |
| 3205 | 15 mm Thick (100 bulk) | 1         | 000116032056 |  0 00116 03205 6 |
| 3206 | 25 mm Thick (100 bulk) | 1         | 000116032063 |  0 00116 03206 3 |



## DuoPad™

Melamine foam, micro abrasive technology  
with added durable scrubbing surface

Safe for glass and acrylic

No soaps or detergents

Effectively removes algae from scratches

The Seachem DuoPad™ is a non-scratch, dual surface algae pad for glass & acrylic. The melamine foam side uses micro abrasive technology to easily remove algae from the sides of your aquarium, while the durable scrubbing side allows you to attack the rougher grooves of rocks and driftwood. It is particularly effective at removing algae from scratches. It is chemically inert and does not use soaps or detergents. It's white color contrasts against dark algae making it easier to see when areas are fully clean.

| SKU  | Size                   | Case Size | UPC          | Barcode                                                                                               |
|------|------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3201 | 25 mm Thick (1 pack)   | 24        | 000116032018 |  0 00116 03201 8 |
| 3204 | 25 mm Thick (100 bulk) | 1         | 000116032049 |  0 00116 03204 9 |



## Just Add Water Jug™

Rigid body water jug

Easily transport saltwater, RO water, and DI water

Sturdy handle

Wide mouth for easy pouring

The Seachem Water Jug is a rigid body container available in two sizes which hold 10 L (2.5 US gallons) and 20 L (5 US gallons). It is perfect for customers that get their saltwater, RO water, or DI water at their local fish store. It features a sturdy handle and wide mouth for easy pouring in and out. Its adjustable vacuum release valve minimizes sloshing and creates a smooth pour.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                               |
|------|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3124 | 10 L / 2.6 fl. gal. | 126       | 000116031240 |  |
| 3119 | 20 L / 5.3 fl. gal. | 45        | 000116031196 |  |



# HydroTote™

The collapsible water jug for transporting saltwater, RO water, and DI water

Two sizes—20 L (5 gallons) & the new 10 L (2.5 gallons)

20 L features faucet spout for easier pouring

Dealers asked for it, and Seachem delivered. HydroTote™ is the ideal space saving alternative for shops carrying current 5 gallon hard jugs that simply consume too much space in the home, office, or pet store.

The HydroTote™ is a collapsible jug that holds up to 20 L (5 US gallons) or 10 L (2.5 US gallons). It's perfect for customers that get their saltwater, RO water, or DI water at their local fish store. When not in use, it folds and compresses to take up less space. It pours easily and can withstand a drop of up to 3 meters while full.



| SKU  | Size                | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3118 | 10 L / 2.6 fl. gal. | 12        | 000116031189 |  0 00116 03118 9 |
| 3113 | 20 L / 5.3 fl. gal. | 12        | 000116311304 |  0 00116 31130 4 |



# Digital Spoon Scale™

- Ensures precise dosing of any chemical or supplement
- Displays results in either grams or ounces
- Measures up to 300 g in 0.1 increments
- Corrosion resistant
- Simple 3 button operation

When precision matters, the Seachem Digital Spoon Scale is the perfect companion tool for the serious aquarist. Accurate and easy to use, it will ensure precise dosing of any chemical or supplement. It is ideal for use with any of Seachem dry products.

| SKU  | Size                      | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3117 | Range 0 - 300 g $\pm$ 0.1 | 12        | 000116311700 |  0 00116 31170 0 |



## Silicone Sealant

Does Not Crack or Shrink - Permanently Flexible

Resists Pressure & Stress

Water-Tight Seal

High Tensile Strength

Freshwater & Saltwater

Seachem's Aquarium Sealant is a 100% RTV Silicone for sealing and repairing aquariums. It is formulated to provide excellent adhesion and tensile strength with permanent flexibility. It is safe for aquatic life in both freshwater and saltwater.

| Product                | SKU  | Size       | Case Size | UPC          | Barcode         |
|------------------------|------|------------|-----------|--------------|-----------------|
| Silicone Sealant-Clear | 3127 | 85 g / 3oz | 48        | 000116031271 | 0 00116 03127 1 |
| Silicone Sealant-Black | 3129 | 85 g / 3oz | 48        | 000116031295 | 0 00116 03129 5 |

# Fish Nets

Regular and Fine Mesh for Delicate Species

12" and 16" Handles



| Product                                      | SKU  | Size                | Case Size | UPC          | Barcode         |
|----------------------------------------------|------|---------------------|-----------|--------------|-----------------|
| Fish Net 8.5cm / 3"                          | 3220 | 8.5x7cm / 3.4x2.8"  | 48        | 000116032209 | 0 00116 03220 9 |
| Fish Net 12.5cm / 5"                         | 3221 | 12.5x10cm / 5x4"    | 48        | 000116032216 | 0 00116 03221 6 |
| Fish Net 12.5cm / 5" - Long Handle           | 3222 | 12.5x10cm / 5x4" LH | 48        | 000116032223 | 0 00116 03222 3 |
| Fish Net 15cm / 6"                           | 3223 | 15x12.5cm / 6x5"    | 48        | 000116032230 | 0 00116 03223 0 |
| Fish Net 20cm / 8"                           | 3224 | 20x15cm / 8x6"      | 48        | 000116032247 | 0 00116 03224 7 |
| Fish Net 20cm / 8" - Long Handle             | 3225 | 20x15cm / 8x6" LH   | 48        | 000116032254 | 0 00116 03225 4 |
| Fish Net 25cm / 10"                          | 3226 | 25x20cm / 10x8"     | 48        | 000116032261 | 0 00116 03226 1 |
| Fish Net 30cm / 12"                          | 3227 | 30x23cm / 12x9"     | 48        | 000116032278 | 0 00116 03227 8 |
| Fish Net 8.5cm / 3" Fine Mesh                | 3228 | 8.5x7cm / 3.4x2.8"  | 48        | 000116032285 | 0 00116 03228 5 |
| Fish Net 12.5cm / 5" Fine Mesh               | 3229 | 12.5x10cm / 5x4"    | 48        | 000116032292 | 0 00116 03229 2 |
| Fish Net 12.5cm / 5" - Long Handle Fine Mesh | 3231 | 12.5x10cm / 5x4" LH | 48        | 000116032315 | 0 00116 03231 5 |
| Fish Net 15cm / 6" Fine Mesh                 | 3232 | 15x12.5cm / 6x5"    | 48        | 000116032322 | 0 00116 03232 2 |
| Fish Net 20cm / 8" Fine Mesh                 | 3233 | 20x15cm / 8x6"      | 48        | 000116032339 | 0 00116 03233 9 |
| Fish Net 20cm / 8" - Long Handle Fine Mesh   | 3234 | 20x15cm / 8x6" LH   | 48        | 000116032346 | 0 00116 03234 6 |
| Fish Net 25cm / 10" Fine Mesh                | 3235 | 25x20cm / 10x8"     | 48        | 000116032353 | 0 00116 03235 3 |
| Fish Net 30cm / 12" Fine Mesh                | 3236 | 30x23cm / 12x9"     | 48        | 000116032360 | 0 00116 03236 0 |



# Aquarium Cleaner

Safe for Glass and Acrylic

Ammonia-Free

Streak-Free Formula

Seachem Aquarium Cleaner is a multi-surface cleaner for use on the exterior of glass or acrylic surfaces of aquariums as well as other surfaces. Aquarium Cleaner does not contain ammonia and is perfect for safe use on and around aquariums or terrariums. Aquarium Cleaner dries quickly to leave a streak free clean surface.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3197 | 250 mL / 8.5 fl. oz. | 25        | 000116031974 |  0 00116 03197 4 |
| 3198 | 250 mL / 8.5 fl. oz. | 25        | 000116031981 |  0 00116 03198 1 |



# Aquarium Polisher

Safe for Glass and Acrylic

Ammonia-Free

Protects Against Water Spots

Removes Mineral Deposits

Seachem Aquarium Polisher is a multi-surface polisher for use on the exterior of glass or acrylic aquariums as well as other surfaces. Aquarium Polisher does not contain ammonia and is perfect for safe use on and around aquariums or terrariums. Aquarium Polisher easily removes mineral deposits and water spots and helps protect surfaces from dust, salt, minerals and finger prints.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3195 | 250 mL / 8.5 fl. oz. | 25        | 000116031950 |  0 00116 03195 0 |
| 3196 | 250 mL / 8.5 fl. oz. | 25        | 000116031967 |  0 00116 03196 7 |



## Bottle Adapters

Doser Tubing-to-Bottle adapter plugs

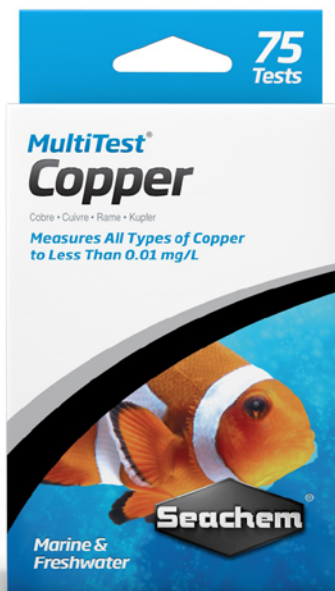
Seamlessly connect dosing pump tubing to supplement bottles

Seachem Bottle Adapter Plugs come in two sizes and allow you to seamlessly connect dosing pump tubing to any Seachem or aquavitr<sup>®</sup> bottles ranging from 50 mL–1 L and many other common supplement bottles (24 mm–28 mm) on the market. They are ideal for use with aquavitr<sup>®</sup> sentia<sup>™</sup> dose and doser tubing. Fits tubing sizes up to OD 0.192 inches/4.88 mm.

**Bottle Adapters Sm: Fits 50 mL–500 mL (24 mm)**

**Bottle Adapters Md: Fits One liter (28 mm)**

| SKU  | Size                | Case Size | UPC          | Barcode                                                                               |
|------|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1523 | Bottle Adapters Sm  | 24        | 000116015233 |  |
| 1524 | Bottle Adapters Md. | 24        | 000116015240 |  |



## MultiTest™ Kits

Multi-cavity plate for simultaneous testing of up to 6 tests at the same time

Includes reference for test validation

Each kit performs over 75 tests

Marine or Freshwater

### Color Chart

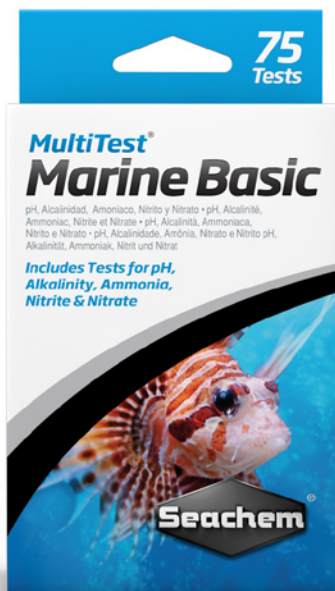
All MultiTest™ test kits come with an easy-to-read color chart. It features a 5 cm viewing window to help isolate color and match as closely as possible to the test sample.

### Opaque Multi-Cavity Test Plate

All MultiTest™ test kits are read from an opaque white test plate. The sliding color chart along with the six-cavity test plate allows for easy reading and comparisons of several samples at the same time.

| Product                      | SKU | Size     | Case Size | UPC          | Barcode                                                                                 |
|------------------------------|-----|----------|-----------|--------------|-----------------------------------------------------------------------------------------|
| MultiTest: Ammonia           | 950 | 75 Tests | 6         | 000116095006 |  6 |
| MultiTest: Copper            | 966 | 75 Tests | 6         | 000116096607 |  7 |
| MultiTest: Iodine & Iodide   | 978 | 75 Tests | 6         | 000116097802 |  2 |
| MultiTest: Iron              | 968 | 75 Tests | 6         | 000116096805 |  5 |
| MultiTest: Nitrite & Nitrate | 960 | 75 Tests | 6         | 000116096003 |  3 |
| MultiTest: pH & alkalinity   | 940 | 75 Tests | 6         | 000116094009 |  9 |
| MultiTest: Phosphate         | 970 | 75 Tests | 6         | 000116097000 |  0 |
| MultiTest: Silicate          | 976 | 75 Tests | 6         | 000116097604 |  4 |





## MultiTest™ Combo Kits

Multi-cavity plate for simultaneous testing of up to 6 tests at the same time

Includes reference for test validation

Each kit performs over 75 tests

Marine or Freshwater

### Color Chart

All MultiTest™ test kits come with an easy-to-read color chart. It features a 5 cm viewing window to help isolate color and match as closely as possible to the test sample.

### Opaque Multi-Cavity Test Plate

All MultiTest™ test kits are read from an opaque white test plate. The sliding color chart along with the six-cavity test plate allows for easy reading and comparisons of several samples at the same time.

| Product                 | SKU | Size     | Case Size | UPC          | Barcode                                                                               |
|-------------------------|-----|----------|-----------|--------------|---------------------------------------------------------------------------------------|
| MultiTest: Marine Basic | 990 | 75 Tests | 6         | 000116099004 |  |
| MultiTest: Reef Special | 992 | 75 Tests | 6         | 000116099202 |  |

# Reef Status™ Test Kits

Numerous determinations per kit

Includes reference for test validation

Accurate & precise

Easy to use



## Reef Status: Calcium™

This kit is capable of at least 150 calcium determinations and is designed specifically for seawater. The test is based on titration of calcium with EDTA in the presence of a calcium specific indicator dye after the co-precipitation of magnesium and strontium.

## Reef Status: Magnesium™

Reef Status™ Magnesium is capable of at least 75 tests for magnesium, total alkalinity, borate alkalinity, and carbonate alkalinity. It is designed specifically for seawater.

## Reef Status: Strontium™

The first and only 10 minute strontium test! Reef Status™ Strontium is capable of at least 50 strontium determinations and is designed specifically for seawater.

| Product                | SKU | Size      | Case Size | UPC          | Barcode                                                                               |
|------------------------|-----|-----------|-----------|--------------|---------------------------------------------------------------------------------------|
| Reef Status: Calcium   | 920 | 150 Tests | 6         | 000116092005 |  |
| Reef Status: Magnesium | 924 | 75 Tests  | 6         | 000116092401 |  |
| Reef Status: Strontium | 922 | 50 Tests  | 6         | 000116092203 |  |



# pH Alert®

Seachem sensor technology

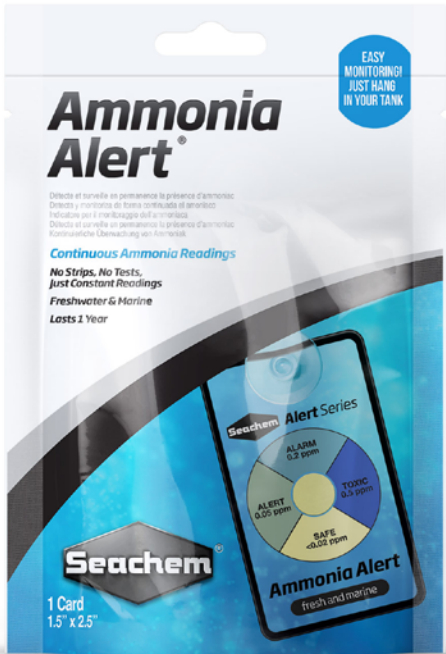
No tests, no strips

Lasts up to 4x as long as competing products

Continuously monitors pH in freshwater

pH Alert® is a unique color-changing sensor designed to be placed in the aquarium or filter and monitor pH continuously. A sensor changes color reversibly from yellow to orange to red alerting you to shifts in pH levels between 5.4 and 8.0. Freshwater use only. pH Alert® lasts up to 4X as long as competing products. pH Alert® is also almost half the size of competing products. It's small, clear, and unobtrusive, so it won't detract from the view of your aquarium.

| SKU | Size    | Case Size | UPC          | Barcode                                                                                               |
|-----|---------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 20  | 6 Month | 24        | 000116002004 |  0 00116 00200 4 |



# Ammonia Alert®

Seachem sensor technology

No tests, no strips

Continuously monitors free ammonia

Marine and freshwater

Ammonia Alert® is an innovative color-changing sensor for continuously detecting and monitoring toxic free ammonia. A sensor changes reversibly from yellow to green to blue, relative to the ammonia concentration. No test kits, chemicals, or procedures are needed. The device detects less than 0.05 mg/L (ppm) free ammonia and alerts you to the #1 killer before any sign of stress. It lasts over a year. This product is not recommended for use at acid pH. Marine or freshwater use.

| SKU | Size   | Case Size | UPC          | Barcode                                                                               |
|-----|--------|-----------|--------------|---------------------------------------------------------------------------------------|
| 10  | 1 Year | 24        | 000116001007 |  |



# Alert Combo™

Seachem sensor technology

Includes Ammonia Alert and pH Alert

Continuously monitors ammonia and freshwater pH

No chemicals or test procedures are required

The Alert Combo™ pack combines Ammonia Alert® (1 card) and pH Alert® (1 card). Ammonia Alert® and pH Alert® are almost half the size of competing products. At 1.5" x 2.5", they are small, clear, and unobtrusive, so they won't detract from the view of your aquarium. Simply place Ammonia Alert® and pH Alert® visibly anywhere in the aquarium or filter. It's that easy. No chemicals or test procedures are required.

| SKU | Size    | Case Size | UPC          | Barcode                                                                                               |
|-----|---------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 13  | 1 Year  | 24        | 000116000130 |  0 00116 00013 0 |
| 12  | 6 Month | 24        | 000116001205 |  0 00116 00120 5 |



## NutriDiet® Tropical Flakes

Probiotics formula

Flake food for the freshwater tropical aquarium

High in protein and a rich assortment of vitamins and minerals

Fortified with GarlicGuard™, chlorella algae, and vitamin C

Promotes nutrient uptake and reduces waste

NutriDiet® Tropical Flakes are formulated to provide all essential nutrients for all tropical fish. As with all of the Seachem NutriDiets, Tropical Flakes have Chlorella Algae as an exceptional source of a broad range of vitamins, amino acids as well as all other nutrients required for animal life. Chlorella Algae is considered a potential super food. Additionally, Tropical Flakes contain GarlicGuard™ as an appetite stimulant.

Vitamin C allows for enhanced immune function and collagen production and thereby tissue repair and growth. Natural color enhancers assist in making the most of the potential color of any tropical fish.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1081 | 15 g / 0.5 oz   | 24        | 000116108102 |  0 00116 10810 2 |
| 1082 | 30 g / 1.0 oz.  | 24        | 000116108201 |  0 00116 10820 1 |
| 1083 | 50 g / 1.8 oz   | 12        | 000116010832 |  0 00116 01083 2 |
| 1084 | 100 g / 3.5 oz  | 6         | 000116010849 |  0 00116 01084 9 |
| 1085 | 500 g / 1.1 lbs | 1         | 000116010856 |  0 00116 01085 6 |



## NutriDiet® Shrimp Flakes

Probiotics formula

Shrimp flakes for marine and freshwater

Ideal for carnivorous and omnivorous marine and freshwater fish

High in marine protein and a rich assortment of vitamins and minerals

Promotes nutrient uptake and reduces waste

NutriDiet® Shrimp Flakes is a premium and nutritionally balanced diet formulated to meet the requirements of marine and freshwater fish. It contains only the highest quality ingredients including shrimp, squid, and fish. It contains a broad spectrum of all the important components needed in marine and freshwater fish diets: protein, fat, carbohydrates, vitamins and minerals.

Also included in Shrimp Flakes is Seachem GarlicGuard™ as an attractant and appetite stimulant. Vitamin C is an especially important factor in the growth and health of aquatic animals, and is present in high levels in NutriDiet® Shrimp Flakes. This vitamin is a cofactor in the processes necessary for the formation of connective tissue, scar tissue in wound repair, and bone matrix.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1121 | 15 g / 0.5 oz   | 24        | 000116112109 |  0 00116 11210 9 |
| 1122 | 30 g / 1.0 oz.  | 24        | 000116112208 |  0 00116 11220 8 |
| 1123 | 50 g / 1.8 oz   | 12        | 000116011235 |  0 00116 01123 5 |
| 1124 | 100 g / 3.5 oz  | 6         | 000116011242 |  0 00116 01124 2 |
| 1126 | 500 g / 1.1 lbs | 1         | 000116011266 |  0 00116 01126 6 |



## NutriDiet® Marine Flakes

Probiotics formula

Flake food for the marine aquarium

Enhanced with Entice™ to attract finicky eaters and enhance palatability

High in marine protein and a rich assortment of vitamins and minerals

Promotes nutrient uptake and reduces waste

NutriDiet® Marine Flakes is a premium and nutritionally balanced diet formulated to meet the requirements of all marine fish. It contains only the highest quality ingredients including fish, shrimp, and squid without low nutritional value fillers. As with all of the Seachem NutriDiets, Marine Flakes have Chlorella Algae as an exceptional source of a broad range of vitamins, amino acids as well as all other nutrients required for animal life. Chlorella Algae is considered a potential super food that far surpasses the nutrients delivered by Spirulina Algae common to other diets. It is enhanced with Entice™ to attract finicky eaters and enhance palatability. Additionally, Marine Flakes contain GarlicGuard™ as an appetite stimulant.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1091 | 15 g / 0.5 oz   | 24        | 000116109109 |  0 00116 10910 9 |
| 1092 | 30 g / 1.0 oz.  | 24        | 000116109208 |  0 00116 10920 8 |
| 1093 | 50 g / 1.8 oz   | 12        | 000116010931 |  0 00116 01093 1 |
| 1094 | 100 g / 3.5 oz  | 6         | 000116010948 |  0 00116 01094 8 |
| 1095 | 500 g / 1.1 lbs | 1         | 000116010955 |  0 00116 01095 5 |





# NutriDiet® Marine Plus Flakes

- Probiotics formula
- Enhanced flake food for the marine aquarium
- Enhanced with Entice™ to attract finicky eaters and enhance palatability
- High in marine protein and a rich assortment of vitamins and minerals
- Promotes nutrient uptake and reduces waste

NutriDiet® Marine Plus Flakes is a premium and nutritionally balanced diet formulated to meet the requirements of all marine fish. It contains only the highest quality ingredients including fish, plankton, squid, and shrimp. As with all of the Seachem NutriDiets, Marine Plus Flakes have Chlorella Algae as an exceptional source of a broad range of vitamins, amino acids as well as all other nutrients required for animal life. Chlorella Algae is considered a potential super food that far surpasses the nutrients delivered by Spirulina Algae common to other diets. It is enhanced with Entice™ to attract finicky eaters and enhance palatability. Additionally, Marine Plus Flakes contain GarlicGuard™ as an appetite stimulant.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1101 | 15 g / 0.5 oz   | 24        | 000116110105 |  0 00116 11010 5 |
| 1102 | 30 g / 1.0 oz.  | 24        | 000116110204 |  0 00116 11020 4 |
| 1103 | 50 g / 1.8 oz   | 12        | 000116011037 |  0 00116 01103 7 |
| 1104 | 100 g / 3.5 oz  | 6         | 000116011044 |  0 00116 01104 4 |
| 1106 | 500 g / 1.1 lbs | 1         | 000116011068 |  0 00116 01106 8 |



## NutriDiet® Goldfish Flakes

Probiotics formula

Flake food for the goldfish aquarium

Fortified with GarlicGuard™, chlorella algae, and vitamin C

High in protein and a rich assortment of vitamins and minerals

Promotes nutrient uptake and reduces waste

NutriDiet® Goldfish Flakes are formulated to provide all essential nutrients for all Goldfish. As with all of the Seachem NutriDiets, Goldfish Flakes have Chlorella Algae as an exceptional source of a broad range of vitamins, amino acids as well as all other nutrients required for animal life. Chlorella Algae is considered a potential super food that far surpasses the nutrients delivered by Spirulina Algae common to other diets. Additionally, Goldfish Flakes contain GarlicGuard™ as an appetite stimulant.

Vitamin C allows for enhanced immune function and collagen production and thereby tissue repair and growth. Natural color enhancers assist in making the most of the potential color of any goldfish.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                               |
|------|-----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1061 | 15 g / 0.5 oz   | 24        | 000116106108 |  |
| 1062 | 30 g / 1.0 oz.  | 24        | 000116106207 |  |
| 1063 | 50 g / 1.8 oz   | 12        | 000116010634 |  |
| 1064 | 100 g / 3.5 oz  | 6         | 000116010641 |  |
| 1065 | 500 g / 1.1 lbs | 1         | 000116010658 |  |



## NutriDiet® Discus Flakes

Probiotics formula

Flake food for the discus aquarium

Fortified with GarlicGuard™, chlorella algae, and vitamin C

High in protein and a rich assortment of vitamins and minerals

Promotes nutrient uptake and reduces waste

NutriDiet® Discus Flakes is a premium and nutritionally balanced diet formulated to meet the requirements of all discus. It contains only the highest quality ingredients including fish, squid, and earthworms. As with all of the Seachem NutriDiets, Discus Flakes have Chlorella Algae as an exceptional source of a broad range of vitamins, amino acids as well as all other nutrients required for animal life. Chlorella Algae is considered a potential super food that far surpasses the nutrients delivered by Spirulina Algae common to other diets. Additionally, Discus Flakes contain GarlicGuard™ as an appetite stimulant.

Vitamin C allows for enhanced immune function and collagen production and thereby tissue repair and growth. Natural color enhancers assist in making the most of the potential color of any discus.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1131 | 15 g / 0.5 oz   | 24        | 000116113106 |  0 00116 11310 6 |
| 1132 | 30 g / 1.0 oz.  | 24        | 000116113205 |  0 00116 11320 5 |
| 1133 | 50 g / 1.8 oz   | 12        | 000116011334 |  0 00116 01133 4 |
| 1135 | 100 g / 3.5 oz  | 6         | 000116011358 |  0 00116 01135 8 |
| 1136 | 500 g / 1.1 lbs | 1         | 000116011365 |  0 00116 01136 5 |



## NutriDiet® Cichlid Flakes

Probiotics formula

Flake food for the cichlid aquarium

Complete, hormone-free, color-enhancing diet for cichlids

High in protein and a rich assortment of vitamins and minerals

Promotes nutrient uptake and reduces waste

NutriDiet® Cichlid Flakes are formulated to provide all essential nutrients for all Cichlids. The diet focuses on a high Chlorella Algae content. Chlorella Algae is an exceptional source of a broad range of vitamins, amino acids, as well as all other nutrients required for all animal life. It is considered a potential super food that far surpasses the nutrients delivered by Spirulina Algae common to other diets. Additionally, Cichlid Flakes contain GarlicGuard™ as an appetite stimulant.

Vitamin C allows for enhanced immune function and collagen production and thereby tissue repair and growth. This addresses common issues of hole in the head, lateral line, and simple aggression amongst Cichlids. Natural color enhancers assist in making the most of potential color of fish.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1071 | 15 g / 0.5 oz   | 24        | 000116107105 |  0 00116 10710 5 |
| 1072 | 30 g / 1.0 oz.  | 24        | 000116107204 |  0 00116 10720 4 |
| 1073 | 50 g / 1.8 oz   | 12        | 000116010733 |  0 00116 01073 3 |
| 1074 | 100 g / 3.5 oz  | 6         | 000116010740 |  0 00116 01074 0 |
| 1075 | 500 g / 1.1 lbs | 1         | 000116010757 |  0 00116 01075 7 |



## NutriDiet® Chlorella Flakes

Probiotics formula

Chlorella flakes for marine and freshwater

Complete and natural diet ideal for herbivores and omnivores

Excellent source of protein, fiber, polyunsaturated fats, carbohydrates, vitamins, and minerals

Promotes nutrient uptake and reduces waste

NutriDiet® Chlorella Flakes is a fortified Chlorella flake food for all freshwater and marine fish. Chlorella Algae is considered to be a potential super food and is included in every NutriDiet® Flake formula for its extremely high nutrient content. It is overflowing with enzymes, minerals, vitamins, amino acids, and all other nutrients essential to animal life. As a dietary supplement and base diet for herbivores, it is far superior to the Spirulina algae used in many flake foods. NutriDiet® Chlorella contains GarlicGuard™ contain GarlicGuard™ as an appetite stimulant.

Chlorella Flakes also contain high levels of Vitamin C, a cofactor in the processes necessary for the formation of connective tissue, scar tissue in wound repair, and bone matrix. Vitamin C is difficult for fish to acquire in a natural diet but is critical in addressing healing and growth issues in many fish.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1111 | 15 g / 0.5 oz   | 24        | 000116111102 |  0 00116 11110 2 |
| 1112 | 30 g / 1.0 oz.  | 24        | 000116111201 |  0 00116 11120 1 |
| 1113 | 50 g / 1.8 oz   | 12        | 000116011136 |  0 00116 01113 6 |
| 1114 | 100 g / 3.5 oz  | 6         | 000116011143 |  0 00116 01114 3 |
| 1116 | 500 g / 1.1 lbs | 1         | 000116011167 |  0 00116 01116 7 |



## Vitality™

Vitamin and amino acid supplement

Enhanced with Vitamin C for marine fish

Helps prevent diseases due to nutrient deficiency like lateral line disease

Vitality™ is a comprehensive vitamin, amino acid, and trace element supplement developed to address nutritional requirements commonly associated with long term closed system housing of marine ornamental fish. Vitality™ contains ascorbic acid in a heavy base of spirulina and chlorella. Ascorbic acid is a cofactor in the hydroxylation of proline and lysine to components of procollagen, the precursor of collagen, necessary for the formation of connective tissues, scar tissue in wound repair, and bone matrix.\* Both spirulina and chlorella contain a rich assortment of amino acids and vitamins. Vitality™ can be used on freshwater ornamental fish; however, it is specifically designed for marine fish.

\*Nutritional Requirements of Fish, The National Research Council of the National Academy of Sciences, National Academy Press, Washington, DC, 1993, p. 21.

| SKU  | Size                 | Case Size | UPC          | Barcode         |
|------|----------------------|-----------|--------------|-----------------|
| 1494 | 50 mL / 1.7 fl. oz.  | 25        | 000116149402 | 0 00116 14940 2 |
| 1495 | 100 mL / 3.4 fl. oz. | 25        | 000116149501 | 0 00116 14950 1 |
| 1496 | 250 mL / 8.5 fl. oz. | 25        | 000116149600 | 0 00116 14960 0 |
| 1493 | 500 mL / 17 fl. oz.  | 12        | 000116149303 | 0 00116 14930 3 |
| 1499 | 4 L / 1 fl. gal.     | 2         | 000116149907 | 0 00116 14990 7 |
| 1491 | 20 L / 5.3 fl. gal.  | 1         | 000116149105 | 0 00116 14910 5 |



## Nourish™

Vitamin and amino acid supplement

Enhanced with iodide for freshwater fish

Helps prevent diseases developed from deficiency-thyroid ailments

Nourish™ is a comprehensive vitamin, amino acid, and trace element supplement developed to address nutritional requirements commonly associated with long term closed system housing of freshwater ornamental fish. Nourish™ contains potassium iodide in a heavy base of spirulina and chlorella. The nutrient iodine is essential for the biosynthesis of the thyroid hormones thyroxine and triiodothyronine.\* Both spirulina and chlorella contain a rich assortment of amino acids and vitamins. Nourish™ can be used on marine ornamental fish; however, it is specifically designed for freshwater fish.

\*Nutritional Requirements of Fish, The National Research Council of the National Academy of Sciences, National Academy Press, Washington, DC, 1993, p. 21.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1484 | 50 mL / 1.7 fl. oz.  | 25        | 000116148405 |  0 00116 14840 5 |
| 1485 | 100 mL / 3.4 fl. oz. | 25        | 000116148504 |  0 00116 14850 4 |
| 1486 | 250 mL / 8.5 fl. oz. | 25        | 000116148603 |  0 00116 14860 3 |
| 1483 | 500 mL / 17 fl. oz.  | 12        | 000116148306 |  0 00116 14830 6 |
| 1489 | 4 L / 1 fl. gal.     | 2         | 000116148900 |  0 00116 14890 0 |



## GarlicGuard™

Concentrated garlic supplement

Enhances appetite

Also contains Vitamin C, a strong anti-oxidant

GarlicGuard™ is an all natural garlic scented odor and flavor enhancer for freshwater and saltwater fish. Our research has shown that many fish are attracted to natural odors, such as garlic. Simply mix GarlicGuard™ with any food item, such as Seachem's NutriDiet® Flakes, to attract the interest of finicky eaters, e.g. discus and marine angelfish. GarlicGuard is safe for reef and planted aquariums.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 175 | 100 mL / 3.4 fl. oz. | 25        | 000116017503 |  0 00116 01750 3 |
| 176 | 250 mL / 8.5 fl. oz. | 25        | 000116017602 |  0 00116 01760 2 |
| 173 | 500 mL / 17 fl. oz.  | 12        | 000116017305 |  0 00116 01730 5 |
| 178 | 2 L / 67.6 fl. oz.   | 4         | 000116017800 |  0 00116 01780 0 |
| 179 | 4 L / 1 fl. gal.     | 2         | 000116017909 |  0 00116 01790 9 |
| 171 | 20 L / 5.3 fl. gal.  | 1         | 000116017107 |  0 00116 01710 7 |





## Entice™

Scent and flavor enhancer for finicky eaters

Works on all fish, but particularly with saltwater angels and butterflies

Soak food or simply add to aquarium

Entice™ is an all natural scent and flavor enhancer for finicky eaters. Simply mix Entice™ with any food item, such as Seachem's NutriDiet® Flakes, to attract the interest of finicky eaters. Ideal for all marine and freshwater fish

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1426 | 250 mL / 8.5 fl. oz. | 25        | 000116142601 |  0 00116 14260 1 |
| 1423 | 500 mL / 17 fl. oz.  | 12        | 000116142304 |  0 00116 14230 4 |
| 1429 | 4 L / 1 fl. gal.     | 2         | 000116142908 |  0 00116 14290 8 |
| 1421 | 20 L / 5.3 fl. gal.  | 1         | 000116142106 |  0 00116 14210 6 |



## Cupramine™

Copper treatment for external parasites

Active at low concentration (does not precipitate)

Bound on amine so it is not as toxic to fish

Cupramine™ effectively eradicates Oodinium, Cryptocaryon, Amyloodinium, Ichthyophthirius, and other ectoparasites of both freshwater and marine fish. It is superior to copper sulfate, chloride & citrate: it is non-acidic, less toxic to fish, remains in solution, and does not contaminate the filter bed. It is superior to chelates: it is fully charged (ionic), active at low concentrations, and is removable with carbon.

There is more than a four-fold concentration gap between the minimal therapeutic dose (0.2 mg/L) and the toxic dose (0.8 mg/L).

Cupramine™ is easily removable with chemical filtration. It is highly effective and safe in freshwater as well as marine water.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 564 | 50 mL / 1.7 fl. oz.  | 25        | 000116056403 |  0 00116 05640 3 |
| 565 | 100 mL / 3.4 fl. oz. | 25        | 000116056502 |  0 00116 05650 2 |
| 566 | 250 mL / 8.5 fl. oz. | 25        | 000116056601 |  0 00116 05660 1 |
| 563 | 500 mL / 17 fl. oz.  | 12        | 000116056304 |  0 00116 05630 4 |
| 568 | 2 L / 67.6 fl. oz.   | 4         | 000116056809 |  0 00116 05680 9 |
| 569 | 4 L / 1 fl. gal.     | 2         | 000116056908 |  0 00116 05690 8 |
| 561 | 20 L / 5.3 fl. gal.  | 1         | 000116056106 |  0 00116 05610 6 |



## ParaGuard™

Eradicates ectoparasites and fungal, bacterial, and viral lesions

Safer to dose than formaldehyde, formalin, and methanol

Will not adversely effect bio-filter

ParaGuard™ is the only fish and filter safe aldehyde based (10% by weight) parasite control product available (for parasites on fish). Unlike highly toxic and difficult to use formalin based medications, ParaGuard™ contains no formaldehyde or methanol and will not alter pH. ParaGuard™ employs a proprietary, synergistic blend of aldehydes, malachite green, and fish protective polymers that effectively and efficiently eradicates many ectoparasites (e.g. ich, etc.) and external fungal/bacterial/viral lesions (e.g., fin rot). It is particularly useful in hospital and receiving tanks for new fish and whenever new fish are introduced to a community tank.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 605 | 100 mL / 3.4 fl. oz. | 25        | 000116060509 |  0 00116 06050 9 |
| 606 | 250 mL / 8.5 fl. oz. | 25        | 000116060608 |  0 00116 06060 8 |
| 603 | 500 mL / 17 fl. oz.  | 12        | 000116060301 |  0 00116 06030 1 |
| 608 | 2 L / 67.6 fl. oz.   | 4         | 000116060806 |  0 00116 06080 6 |
| 609 | 4 L / 1 fl. gal.     | 2         | 000116060905 |  0 00116 06090 5 |
| 601 | 20 L / 5.3 fl. gal.  | 1         | 000116060103 |  0 00116 06010 3 |



# Focus™

Antibacterial polymer for internal infections of fish

Use alone or mixed with other medications to make them palatable to fish

Greatly reduce the loss of medication to the water through diffusion

Treats fungal and bacterial infections

Focus™ is an antibacterial polymer for internal infections of fish. Focus™ is primarily intended to be mixed with food and/or other medications to make them palatable to fish and greatly reduce the loss of medication to the water through diffusion. For use in freshwater or marine aquaria.

| SKU | Size           | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 641 | 5 g / 0.2 oz   | 6         | 000116064101 |  0 00116 06410 1 |
| 645 | 100 g / 3.5 oz | 1         | 000116064507 |  0 00116 06450 7 |



# KanaPlex™

Treats fungal and bacterial fish diseases

Broad spectrum antibiotic

Easily absorbed through both skin and gills, ingestion not required

KanaPlex™ is a blended kanamycin based medication that safely and effectively treats several fungal, and bacterial fish diseases (dropsy, popeye, fin/tail rot, septicemia). Because it is absorbed by fish it is useful in treating internal infections in those situations where food is refused. It does not adversely affect the filter bed and is easily removed with carbon. When used in a medicated food mix, it is excellent for treating bacterial infections in tanks that contain invertebrates. For use in freshwater or marine aquaria.

| SKU | Size           | Case Size | UPC          | Barcode                                                                               |
|-----|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 881 | 5 g / 0.2 oz   | 6         | 000116088107 |  |
| 885 | 100 g / 3.5 oz | 1         | 000116088503 |  |
| 887 | 1 kg / 2.2 lbs | 1         | 000116088701 |  |



## MetroPlex™

Treats protozoan parasites and anaerobic bacterial diseases

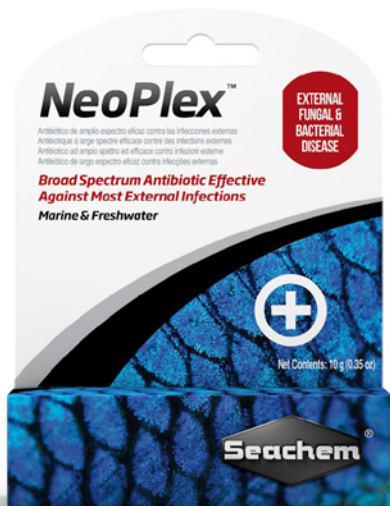
Little danger of overdose

No impact on bio-filter

Well suited for medicated food mix for internal parasites

MetroPlex™ is an effective and safe treatment for several protozoan and anaerobic bacterial diseases of fish (Cryptocaryon, Hexamita, Ichthyophthirius). It does not adversely affect the filter bed and is easily removed with carbon. It can either be dosed into the water or combined with Focus™ in a medicated food mix. It will treat both internal and external infections regardless of the delivery method. When used in a medicated food mix, it is excellent for treating parasites in tanks that contain invertebrates. MetroPlex™ is gentle and there little danger of overdosing.

| SKU | Size           | Case Size | UPC          | Barcode         |
|-----|----------------|-----------|--------------|-----------------|
| 801 | 5 g / 0.2 oz   | 6         | 000116080101 | 0 00116 08010 1 |
| 805 | 100 g / 3.5 oz | 1         | 000116080507 | 0 00116 08050 7 |
| 807 | 1 kg / 2.2 lbs | 1         | 000116080705 | 0 00116 08070 5 |



# NeoPlex™

Broad spectrum antibiotic effective against most external infections

Safe for marine and freshwater fish

Minimal impact on bio-filter

NeoPlex™ is a broad spectrum antibiotic effective against most external infections of both marine and freshwater fish. Used as directed, NeoPlex™ will not discolor the water or damage the filter bed. It is well tolerated by invertebrates, although delicate species may be stressed.

| SKU | Size           | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 682 | 10 g / 0.4 oz  | 6         | 000116068208 |  0 00116 06820 8 |
| 685 | 100 g / 3.5 oz | 1         | 000116068505 |  0 00116 06850 5 |
| 687 | 1 kg / 2.2 lbs | 1         | 000116068703 |  0 00116 06870 3 |



# PolyGuard™

Treats bacterial, fungal, and parasitic disease

Very broad spectrum freshwater medication

Good choice when unsure of the disease

PolyGuard™ is the single most effective medication to keep freshwater fish free of disease! It is an effective treatment and safeguard against all prevalent bacterial, fungal, and parasitic diseases of exotic fish. For use in freshwater or marine aquaria.

| SKU | Size           | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 762 | 10 g / 0.4 oz  | 6         | 000116076203 |  0 00116 07620 3 |
| 765 | 100 g / 3.5 oz | 1         | 000116076500 |  0 00116 07650 0 |
| 767 | 1 kg / 2.2 lbs | 1         | 000116076708 |  0 00116 07670 8 |





## SulfaPlex™

Treats many bacterial, fungal, and protozoan infestations

Broad spectrum antibiotic and anti-fungal medication

Most effective of the sulfa drugs in saltwater

Absorbed through gills

SulfaPlex™ is an effective and safe treatment for many bacterial, fungal and protozoan infestations in the aquarium. While it can be used in both freshwater and saltwater, it is particularly effective against the common bacterial and fungal infections of freshwater fish. It is also among the gentler antibiotics, and great for treating fish that are already stressed. It is easily removed with carbon and does not impair nitrification.

| SKU | Size           | Case Size | UPC          | Barcode                                                                               |
|-----|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 842 | 10 g / 0.4 oz  | 6         | 000116084208 |  |
| 845 | 100 g / 3.5 oz | 1         | 000116084505 |  |
| 849 | 4 kg / 8.8 lbs | 1         | 000116084901 |  |



## Pond Prime®

Removes chlorine & chloramine

Detoxifies ammonia, nitrite, and nitrate

5x more concentrated than competing products

Pond Prime® is a complete conditioner that removes chlorine, chloramine, and detoxifies ammonia and nitrite. It also provides essential ions and stimulates natural slime coat. Pond Prime® also enhances nitrate removal. It will also detoxify any heavy metals found in the tap water at typical concentration levels. It should be the first choice conditioner when setting up a new pond, adding, or changing water. No other product is required to make water safe, even in high chloramine situations. Unlike competing products, Pond Prime® does not cause a pH drop or over-activate skimmers. A 500 mL bottle treats over 10,000 US gallons, much more than competing products.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2433 | 500 mL / 17 fl. oz. | 12        | 000116243308 |  0 00116 24330 8 |
| 2437 | 1 L / 34 fl. oz.    | 12        | 000116243704 |  0 00116 24370 4 |
| 2438 | 2 L / 67.6 fl. oz.  | 4         | 000116243803 |  0 00116 24380 3 |
| 2439 | 4 L / 1 fl. gal.    | 2         | 000116243902 |  0 00116 24390 2 |
| 2431 | 20 L / 5.3 fl. gal. | 1         | 000116243100 |  0 00116 24310 0 |



## Pond Stability®

Rapidly and safely establishes bio-filter

Breaks down waste organics, ammonia, nitrite, and nitrate

Pond Stability® will rapidly and safely establish the pond biofilter in new ponds, thereby preventing fish deaths due to incomplete biofilter cycling. Pond Stability® will also prevent and reduce sludge build up. Pond Stability® is formulated specifically for the pond and contains a synergistic blend of aerobic, anaerobic, and facultative bacteria which facilitate the breakdown of waste organics, ammonia, nitrite, and nitrate. The bacteria employed by Pond Stability® are non-sulfur fixing and will not produce toxic hydrogen sulfide. Pond Stability® is completely harmless to all aquatic organisms as well as aquatic plants, thus there is no danger of over use. Pond Stability® is the culmination of nearly a decade of research and development and represents the current state of the art in natural biological management.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2123 | 500 mL / 17 fl. oz. | 12        | 000116212304 |  0 00116 21230 4 |
| 2127 | 1 L / 34 fl. oz.    | 12        | 000116212700 |  0 00116 21270 0 |
| 2129 | 4 L / 1 fl. gal.    | 2         | 000116212908 |  0 00116 21290 8 |
| 2121 | 20 L / 5.3 fl. gal. | 1         | 000116212106 |  0 00116 21210 6 |



## Pond Salt™

Enhances vitality of koi and goldfish

Will not adversely impact pond plants

Useful to temporarily reduce nitrite toxicity

Pond Salt™ is a chemically sound blend of salts designed to replicate the native ionic environment of goldfish and koi without adversely impacting on pond plants when used at the recommended dosage. It can also be useful to temporarily reduce nitrite toxicity in an emergency situation. It does not impact pH. For pH control, use Pond Acid Buffer™ or Pond pH Buffer™.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                                               |
|------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2227 | 1 kg / 2.2 lbs | 12        | 000116222709 |  0 00116 22270 9 |
| 2228 | 2 kg / 4.4 lbs | 4         | 000116222808 |  0 00116 22280 8 |
| 2229 | 4 kg / 8.8 lbs | 1         | 000116222907 |  0 00116 22290 7 |
| 2221 | 20 kg / 44 lbs | 1         | 000116222105 |  0 00116 22210 5 |



## Pond Clarigen™

Water clarifier for ponds

Clears all types of clouding

Plant Safe

Pond Clarigen™ is the ultimate clarifier for ponds. It employs an advanced polymeric flocculating agent that is pond safe. Pond Clarigen™ is the only clarifier on the market that does it all! Pond Clarigen™ will clear all types of clouding.

Many companies manufacture multiple products to clear up each type of cloudiness. Some companies have developed products that will clear most types of cloudiness, but their application requires two separate bottles of product. Pond Clarigen™ contains compounds that will clear all types of cloudiness in all environments. Pond Clarigen™ contains both precipitating and flocculating agents in the same bottle, enabling all types of cloudiness to be removed in one dose.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2143 | 500 mL / 17 fl. oz. | 12        | 000116214308 |  0 00116 21430 8 |
| 2147 | 1 L / 34 fl. oz.    | 12        | 000116214704 |  0 00116 21470 4 |
| 2148 | 2 L / 67.6 fl. oz.  | 4         | 000116214803 |  0 00116 21480 3 |
| 2149 | 4 L / 1 fl. gal.    | 2         | 000116214902 |  0 00116 21490 2 |



## Pond Acid Buffer™

Lowers pH

Phosphate-free

Will not promote algae growth

Pond Acid Buffer™ is designed to lower pH in decorative ponds without the use of phosphate or phosphoric acid. It is ideal for use with planted ponds containing koi, goldfish, or other pond fish. It is not eutrophic and will not promote algae growth. It is particularly useful in lowering the pH in concrete ponds.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2813 | 500 mL / 17 fl. oz. | 12        | 000116281300 |  0 00116 28130 0 |
| 2817 | 1 L / 34 fl. oz.    | 12        | 000116281706 |  0 00116 28170 6 |
| 2818 | 2 L / 67.6 fl. oz.  | 4         | 000116281805 |  0 00116 28180 5 |
| 2819 | 4 L / 1 fl. gal.    | 2         | 000116281904 |  0 00116 28190 4 |
| 2811 | 20 L / 5.3 fl. gal. | 1         | 000116281102 |  0 00116 28110 2 |



## Pond pH Buffer™

Raises and buffers pH between 7.2 and 8.2

Phosphate-free

Will not promote algae growth

Pond pH Buffer™ is designed to raise pH and buffer decorative ponds without the use of phosphates. It is ideal for use with planted ponds containing koi, goldfish, or other pond fish. It is not eutrophic and will not promote algae growth. It is particularly useful in raising the pH in liner ponds. Buffers between 7.2 and 8.2, but preferentially around 7.4–7.6.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                               |
|------|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 2693 | 500 mL / 17 fl. oz. | 12        | 000116269308 |  |
| 2697 | 1 L / 34 fl. oz.    | 12        | 000116269704 |  |
| 2698 | 2 L / 67.6 fl. oz.  | 4         | 000116269803 |  |
| 2699 | 4 L / 1 fl. gal.    | 2         | 000116269902 |  |
| 2691 | 20 L / 5.3 fl. gal. | 1         | 000116269100 |  |



## Pond HealthGuard™

Safe disinfectant to promote the control of parasitic, bacterial, fungal, and viral infestations

Will not discolor water or cause foaming

Plant safe

Pond HealthGuard™ is a safe disinfectant to promote the control of parasitic, bacterial, fungal, and viral infestations of fish in ponds. It contains no malachite green or other dye based disinfectants that can discolor or quaternary disinfectants that foam. Used as directed, it is safe for fish, plants, and the biological filter. A 2 Liter size treats over 4,000 gallons.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                                               |
|------|---------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2613 | 500 mL / 17 fl. oz. | 12        | 000116261302 |  0 00116 26130 2 |
| 2618 | 2 L / 67.6 fl. oz.  | 4         | 000116261807 |  0 00116 26180 7 |
| 2617 | 1 L / 34 fl. oz.    | 12        | 000116261708 |  0 00116 26170 8 |
| 2619 | 4 L / 1 fl. gal.    | 2         | 000116261906 |  0 00116 26190 6 |
| 2611 | 20 L / 5.3 fl. gal. | 1         | 000116261104 |  0 00116 26110 4 |





## Pond Matrix™

High capacity biofiltration

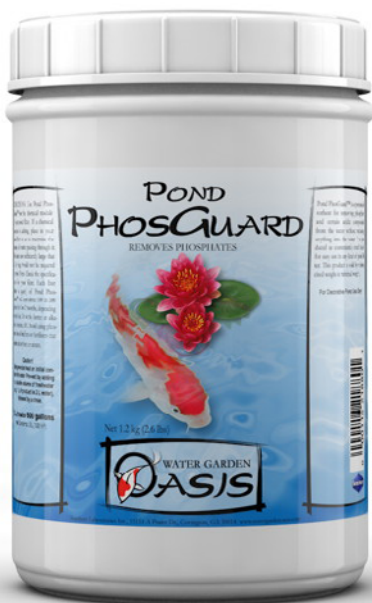
Controls ammonia, nitrite, and nitrate

Highly porous - enormous surface area  
(160,000 cm<sup>2</sup>/L)

Supports aerobic and anaerobic bacteria species

Pond Matrix™ is a high porosity biomedium that provides efficient biofiltration for the removal of nitrogenous waste in ponds. Plastic bio-materials provide only external surface area, whereas Pond Matrix™ provides internal macroporous surface area. These macropores are ideally sized for the support of nitrifying and denitrifying bacteria. This allows Pond Matrix™, unlike other forms of biomedium, to remove nitrate along with ammonia and nitrite, simultaneously and in the same filter. Pond Matrix™ is completely inert and will not breakdown. It need not be replaced. It is also more suitable for use as a clean soil replacement for growing pond plants. Use 1–2 Liters of Pond Matrix™ for each 100 US gallons. Since the majority of the bacteria are internal, Pond Matrix™ may be rinsed when needed without damaging the filter. Pond Matrix™ is compatible with all types of wet or wet-dry filters.

| SKU  | Size                        | Case Size | UPC          | Barcode         |
|------|-----------------------------|-----------|--------------|-----------------|
| 2117 | 1 L / 34 fl. oz.            | 12        | 000116211703 | 0 00116 21170 3 |
| 2118 | 2 L / 67.6 fl. oz.          | 4         | 000116211802 | 0 00116 21180 2 |
| 2119 | 4 L / 244 in <sup>3</sup>   | 1         | 000116211901 | 0 00116 21190 1 |
| 2111 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116211109 | 0 00116 21110 9 |
| 2112 | 100 L / 3.5 ft <sup>3</sup> | 1         | 000116211208 | 0 00116 21120 8 |



## Pond PhosGuard™

Removes phosphate & silicate

Spherical for optimal hydrodynamics

Irreversible binding

Pond PhosGuard™ is a non-herbicidal, environmentally sound approach to the problem of phosphate control in ponds. It is a filter adsorbent that removes phosphates, silicates, and organic nutrients. A 2 Liter size treats over 600 US gallons.

Pond PhosGuard™ is spherical. Its shape allows for maximum water flow through the media. Granular phosphate removers can become compacted, dramatically limiting their capacity to remove phosphate. If the media can't come into contact with the water, it can't remove phosphate from it. Pond PhosGuard™ is the only spherical phosphate remover on the market.

| SKU  | Size               | Case Size | UPC          | Barcode                                                                                               |
|------|--------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2187 | 1 L / 61 in^3      | 12        | 000116218702 |  0 00116 21870 2 |
| 2188 | 2 L / 67.6 fl. oz. | 4         | 000116218801 |  0 00116 21880 1 |
| 2189 | 4 L / 244 in^3     | 1         | 000116218900 |  0 00116 21890 0 |
| 2181 | 20 L / 0.70 ft^3   | 1         | 000116218108 |  0 00116 21810 8 |



## Pond Flourish™

Comprehensive supplement for planted ponds

Provides micro elements, trace elements, and other nutrients

Does not contain significant levels of nitrogen or phosphorus

Pond Flourish™ is a liquid growth stimulator for pond plant stems and leaves. It contains a broad spectrum of essential trace elements, vitamins, and amino acids. It is rich in iron, manganese, magnesium, calcium, and potassium. It contains no phosphates or nitrates that would promote algae proliferation. A 2 Liter size treats over 100,000 US gallons.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                               |
|------|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 2513 | 500 mL / 17 fl. oz. | 12        | 000116251303 |  |
| 2518 | 2 L / 67.6 fl. oz.  | 4         | 000116251808 |  |
| 2517 | 1 L / 34 fl. oz.    | 12        | 000116251709 |  |
| 2519 | 4 L / 1 fl. gal.    | 2         | 000116251907 |  |



## Pond Flourish Iron™

Iron supplement for pond plants

Highly concentrated (10,000 mg/L)

Ferrous gluconate iron

Ferrous gluconate is better suited to foliar feeding than iron-EDTA

Pond Flourish Iron™ is a highly concentrated (10,000 mg/L) ferrous iron gluconate supplement. Plants are able to much more easily derive a benefit from Pond Flourish Iron™ because ferrous iron gluconate is already in the ferrous form so they do not expend energy reducing it. Despite what other manufacturers may intimate, gluconate is not harmful to plants or fish. In fact, ferrous gluconate is better suited to foliar feeding than is iron-EDTA owing to the relatively weaker iron-gluconate bonding vs. iron-EDTA bonding. In addition, ferrous gluconate has the added bonus of being a source of carbon.

| SKU  | Size                | Case Size | UPC          | Barcode                                                                               |
|------|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 2473 | 500 mL / 17 fl. oz. | 12        | 000116247306 |  |
| 2478 | 2 L / 67.6 fl. oz.  | 4         | 000116247801 |  |
| 2477 | 1 L / 34 fl. oz.    | 12        | 000116247702 |  |
| 2479 | 4 L / 1 fl. gal.    | 2         | 000116247900 |  |

# Pond Flourish Tabs™

Gravel bed supplement for decorative ponds  
Provides micro elements, trace elements, and other nutrients  
Targets root zone



Pond Flourish Tabs™ are growth stimulating tablets for plant roots. It contains a rich assortment of important micro elements, trace elements and other nutrients. These include calcium, magnesium, iron and other important elements that have been shown to be beneficial to aquatic plant roots. They contain no phosphate or nitrate that would promote algae proliferation. Each pack of ten tablets treats a 12 X 30 inch plant bed twice.

| SKU  | Size        | Case Size | UPC          | Barcode                                                                                               |
|------|-------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 2506 | 30 tab pack | 25        | 000116250603 |  0 00116 25060 3 |



# Betta Basics™

Creates ideal bowl environment for betta & plants

Removes any chlorine or chloramine, and detoxifies ammonia

Buffers to 7.0

Betta Basics™ is designed to provide the optimal environment for both betta and plant. Betta Basics™ removes any chlorine, chloramine and detoxifies ammonia. It buffers the water to a pH of 7.0 and provides a healthy environment for fish and plant. Feed NutriDiet® Betta Pellet Food for optimal fish health.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 424 | 60 mL / 2 fl. oz.    | 25        | 000116042406 |  0 00116 04240 6 |
| 426 | 250 mL / 8.5 fl. oz. | 25        | 000116042604 |  0 00116 04260 4 |
| 428 | 2 L / 67.6 fl. oz.   | 4         | 000116042802 |  0 00116 04280 2 |



## Catappa Leaves

Natural botanicals for shrimp & Betta fish

Helps to replicate natural environments for Bettas, shrimp and other aquarium inhabitants

Lowers pH, gently tints water

Catappa leaves coming from Indian Almond Trees(Terminalia catappa) help to replicate natural environments for Bettas, shrimp and other aquarium inhabitants. When added to an aquarium, they release tannins and other organic compounds which aid in maintaining lower pH and gently tinting water. These conditions mimic habitats with acidic water and abundant leaf litter. As catappa leaves decay, beneficial micro-organisms grow on the leaf surface, creating a natural source of food for shrimp, snails, and newly-hatched fish.

**Small Size: 4-5 inches**

**Medium Size: 6-7 inches**

| SKU | Size                        | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8   | Small (4-5 inches) 12 Pack  | 48        | 000116000086 |  0 00116 00008 6 |
| 9   | Medium (6-7 inches) 12 Pack | 48        | 000116000093 |  0 00116 00009 3 |



## Catappa Tea Bags

Natural botanicals for shrimp & Betta fish

Helps to replicate natural environments for Bettas, shrimp and other aquarium inhabitants

Lowers pH, gently tints water

Catappa Tea Bags from Indian Almond Trees (*Terminalia catappa*) help to replicate natural environments for Bettas, shrimp, and other aquarium inhabitants. Catappa Tea Bags provide a source of tannins and other organic compounds which aid in maintaining lower pH and gently tinting water, mimicking conditions of habitats with acidic water and abundant leaf litter. Not for human consumption.

| SKU | Size    | Case Size | UPC          | Barcode                                                                                               |
|-----|---------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 6   | 12 Pack | 48        | 000116000062 |  0 00116 00006 2 |





## Tanganyika Buffer™

Buffers to a pH of 9.0-9.4

Raises KH as well as pH

Will not affect GH

Tanganyika Buffer™ is a blend of carbonate salts designed to enhance the natural environment of cichlids by increasing alkalinity, carbonate hardness, buffer capacity, and pH. It is formulated to maintain a pH of 9.0–9.4. For optimum replication of the Tanganyikan environment, use with Cichlid Lake Salt™, Cichlid Trace™, and NutriDiet® Cichlid Flakes.

| SKU | Size            | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 286 | 250 g / 8.8 oz  | 25        | 000116028608 |  0 00116 02860 8 |
| 283 | 500 g / 1.1 lbs | 12        | 000116028301 |  0 00116 02830 1 |
| 287 | 1 kg / 2.2 lbs  | 12        | 000116028707 |  0 00116 02870 7 |
| 289 | 4 kg / 8.8 lbs  | 1         | 000116028905 |  0 00116 02890 5 |
| 281 | 20 kg / 44 lbs  | 1         | 000116028103 |  0 00116 02810 3 |



## Malawi/Victoria Buffer™

Buffers to a pH of 7.8-8.4

Raises KH as well as pH

Will not affect GH

Malawi/Victoria Buffer™ is a blend of carbonate salts designed to enhance the natural environment of cichlids by increasing carbonate hardness, buffer capacity, and pH. It is formulated to maintain a pH of 7.8–8.4. For optimum replication of the Malawi/Victoria Lake environment, use with Cichlid Lake Salt™, Cichlid Trace™, and NutriDiet® Cichlid Flakes.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 296 | 300 g / 10.6 oz  | 25        | 000116029605 |  0 00116 02960 5 |
| 293 | 600 g / 1.3 lbs  | 12        | 000116029308 |  0 00116 02930 8 |
| 297 | 1.2 kg / 2.6 lbs | 12        | 000116029704 |  0 00116 02970 4 |
| 299 | 4 kg / 8.8 lbs   | 1         | 000116029902 |  0 00116 02990 2 |
| 291 | 20 kg / 44 lbs   | 1         | 000116029100 |  0 00116 02910 0 |
| 292 | 100 kg / 220 lbs | 1         | 000116029209 |  0 00116 02920 9 |

# Gold Basics™



Creates ideal bowl environment for goldfish

Removes any chlorine or chloramine, and detoxifies ammonia

Buffers to 7.0

Gold Basics™ is designed to provide the optimal bowl environment for goldfish. Gold Basics™ removes any chlorine, chloramine, and ammonia. It buffers the water to a pH of 7.0 and promotes vigorous health and growth. 50 mL treats 25 US gallons. Feed NutriDiet® Goldfish Flakes for optimal fish health.

| SKU | Size                | Case Size | UPC          | Barcode                                                                               |
|-----|---------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 404 | 50 mL / 1.7 fl. oz. | 25        | 000116040402 |  |



## Gold Buffer™

Maintains the ideal pH for goldfish (7.2-7.8)

Non-phosphate buffer

Will not promote algae growth

Gold Buffer™ is a non-phosphate buffer that will maintain the ideal pH for goldfish while not enhancing algae growth. Depending on dosage, Gold Buffer™ raises pH and buffers between 7.2 and 7.8. It is gentle, safe, and enhances the freshwater environment. Contains sodium, potassium, magnesium, and other bicarbonate salts. For dechlorination use Gold Basics™. For further goldfish environment enhancement, use Gold Trace™ to restore the proper level of trace elements and feed NutriDiet® Goldfish Flakes for thriving, healthy goldfish.

| SKU | Size            | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 254 | 70 g / 2.5 oz   | 25        | 000116025409 |  0 00116 02540 9 |
| 256 | 300 g / 10.6 oz | 25        | 000116025607 |  0 00116 02560 7 |
| 259 | 4 kg / 8.8 lbs  | 1         | 000116025904 |  0 00116 02590 4 |
| 251 | 20 kg / 44 lbs  | 1         | 000116025102 |  0 00116 02510 2 |



## Discus Buffer®

Adjusts pH to acidic (5.8-6.8) range

Softens water by precipitating calcium and magnesium

Helps to replicate the ideal discus environment

Discus Buffer® helps to replicate the ideal Discus environment (low pH & low GH (General Hardness)). Discus Buffer® will lower pH and keep it lowered. Discus Buffer® also softens water by precipitating calcium and magnesium. Use Discus Trace™ to restore the proper level of trace elements and feed NutriDiet® Discus Flakes for thriving, healthy Discus.

Contains phosphate buffers and conditioning agents. Safe for all freshwater fish acclimated to acid pH.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 264 | 50 g / 1.8 oz    | 25        | 000116026406 |  0 00116 02640 6 |
| 266 | 250 g / 8.8 oz   | 25        | 000116026604 |  0 00116 02660 4 |
| 263 | 500 g / 1.1 lbs  | 12        | 000116026307 |  0 00116 02630 7 |
| 267 | 1 kg / 2.2 lbs   | 12        | 000116026703 |  0 00116 02670 3 |
| 269 | 4 kg / 8.8 lbs   | 1         | 000116026901 |  0 00116 02690 1 |
| 261 | 20 kg / 44 lbs   | 1         | 000116026109 |  0 00116 02610 9 |
| 262 | 100 kg / 220 lbs | 1         | 000116026208 |  0 00116 02620 8 |



## Arowana Buffer™

Adjusts pH to 6.5

Creates ideal environment for Asian Arowana

Softens water

Enhances immunity

Arowana Buffer™ adjusts pH to 6.5 from either a low or high pH and maintains it there for 2–4 weeks. It safely softens water by precipitating calcium and magnesium. It also supports the ability of arowanas to resist infections. It is the buffer of choice for conditioning water for Asian Arowanas.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1226 | 250 g / 8.8 oz  | 25        | 000116122603 |  0 00116 12260 3 |
| 1223 | 500 g / 1.1 lbs | 12        | 000116122306 |  0 00116 12230 6 |
| 1227 | 1 kg / 2.2 lbs  | 12        | 000116122702 |  0 00116 12270 2 |
| 1229 | 4 kg / 8.8 lbs  | 1         | 000116122900 |  0 00116 12290 0 |



# Axolotl Buffer™

Adjusts pH to 7.4–7.6

The ideal water pH for Axolotls is 7.4-7.6. Seachem Axolotl Buffer™ adjusts pH to 7.4–7.6 from either a low or high pH. It softens water by precipitating calcium and magnesium. Safe and effective for use with all Axolotls. Use Axolotl Conditioner™ for removal of chlorine and chloramine and detoxifying ammonia. Use Fresh Trace™ to restore the proper level of trace elements.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8145 | 100 mL / 3.5 fl. oz. | 25        | 000116081450 |  0 00116 08145 0 |
| 8146 | 250 mL / 8.5 fl. oz. | 25        | 000116081467 |  0 00116 08146 7 |
| 8143 | 500 mL / 17 fl. oz.  | 12        | 000116081436 |  0 00116 08143 6 |
| 8148 | 2 L / 67.6 fl. oz.   | 4         | 000116081481 |  0 00116 08148 1 |
| 8149 | 4 L / 1 fl. gal.     | 2         | 000116081498 |  0 00116 08149 8 |



## Acid Regulator™

Adjusts pH to the acidic range (4.5-6.8)

Softens water by precipitating calcium and magnesium

Use with Neutral Regulator® to target a pH

Acid Regulator™ adjusts pH to the acidic range (4.5–5.5) and softens water by precipitating calcium and magnesium. Acid Regulator™ supports the establishment of the optimal environment for all acid acclimated species (e.g. neons and other tetras, etc.). For further freshwater environment enhancement, use Fresh Trace™ to restore the proper level of trace elements and feed NutriDiet® Tropical Flakes for thriving, healthy freshwater community fish.

Contains phosphate buffers and conditioning agents. Safe for all freshwater fish acclimated to acid pH.

| SKU | Size            | Case Size | UPC          | Barcode         |
|-----|-----------------|-----------|--------------|-----------------|
| 74  | 50 g / 1.8 oz   | 25        | 000116007405 | 0 00116 00740 5 |
| 76  | 250 g / 8.8 oz  | 25        | 000116007603 | 0 00116 00760 3 |
| 73  | 500 g / 1.1 lbs | 12        | 000116007306 | 0 00116 00730 6 |
| 77  | 1 kg / 2.2 lbs  | 12        | 000116007702 | 0 00116 00770 2 |
| 79  | 4 kg / 8.8 lbs  | 1         | 000116007900 | 0 00116 00790 0 |
| 71  | 20 kg / 44 lbs  | 1         | 000116007108 | 0 00116 00710 8 |





## Liquid Neutral Regulator®

Adjusts pH to neutral (pH 7.0) from either a low or high pH

Softens water by precipitating calcium and magnesium

Removes chlorine and chloramine, and detoxifies ammonia

Liquid Neutral Regulator® adjusts pH to neutral (pH 7.0) from either a low or high pH and maintains it there. It softens water by precipitating calcium and magnesium while removing any chlorine, chloramine, and detoxifying ammonia. The use of Liquid Neutral Regulator® makes other conditioning unnecessary. To lower pH below 7.0 use Liquid Neutral Regulator® with Acid Regulator™ (or Discus Buffer®). To raise pH above 7.0 use with Alkaline Regulator™. All of these products will enhance and stabilize the freshwater aquarium environment. For further freshwater environment enhancement, use Fresh Trace™ to restore the proper level of trace elements and feed NutriDiet® Tropical Flakes for thriving, healthy freshwater community fish.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                               |
|-----|----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 826 | 250 mL / 8.5 fl. oz. | 25        | 000116082600 |  |
| 823 | 500 mL / 17 fl. oz.  | 12        | 000116082303 |  |
| 829 | 4 L / 1 fl. gal.     | 2         | 000116082907 |  |



## Neutral Regulator®

Adjusts pH to neutral (pH 7.0) from either a low or high pH

Softens water by precipitating calcium and magnesium

Removes chlorine and chloramine, and detoxifies ammonia

Neutral Regulator® adjusts pH to neutral (pH 7.0) from either a low or high pH and maintains it there. It softens water by precipitating calcium and magnesium while removing any chlorine, chloramine, and detoxifying ammonia. The use of Neutral Regulator® makes other conditioning unnecessary. To lower pH below 7.0 use Neutral Regulator® with Acid Regulator™ (or Discus Buffer®). To raise pH above 7.0 use with Alkaline Regulator™. All of these products will enhance and stabilize the freshwater aquarium environment. For further freshwater environment enhancement, use Fresh Trace™ to restore the proper level of trace elements and feed NutriDiet® Tropical Flakes for thriving, healthy freshwater community fish.

Contains phosphate buffers and conditioning agents. Safe for all freshwater fish acclimated to neutral pH.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 304 | 50 g / 1.8 oz    | 25        | 000116030403 |  0 00116 03040 3 |
| 306 | 250 g / 8.8 oz   | 25        | 000116030601 |  0 00116 03060 1 |
| 303 | 500 g / 1.1 lbs  | 12        | 000116030304 |  0 00116 03030 4 |
| 307 | 1 kg / 2.2 lbs   | 12        | 000116030700 |  0 00116 03070 0 |
| 309 | 4 kg / 8.8 lbs   | 1         | 000116030908 |  0 00116 03090 8 |
| 301 | 20 kg / 44 lbs   | 1         | 000116030106 |  0 00116 03010 6 |
| 302 | 100 kg / 220 lbs | 1         | 000116030205 |  0 00116 03020 5 |



## Alkaline Regulator™

Adjusts pH to the alkaline range (7.1-7.6)

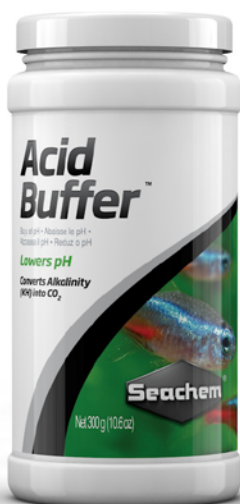
Supports the establishment of the optimal environment for all alkaline acclimated species

Use with Neutral Regulator® to target a pH

Alkaline Regulator™ adjusts pH to the alkaline range (7.1–7.6) and supports the establishment of the optimal environment for all alkaline acclimated species (e.g. bosemani, various other rainbows etc.). For further freshwater environment enhancement, use Fresh Trace™ to restore the proper level of trace elements and feed NutriDiet® Tropical Flakes for thriving, healthy freshwater community fish.

Contains phosphate buffers and conditioning agents. Safe for all freshwater fish acclimated to alkaline pH.

| SKU | Size            | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 94  | 50 g / 1.8 oz   | 25        | 000116009409 |  0 00116 00940 9 |
| 96  | 250 g / 8.8 oz  | 25        | 000116009607 |  0 00116 00960 7 |
| 93  | 500 g / 1.1 lbs | 12        | 000116009300 |  0 00116 00930 0 |
| 97  | 1 kg / 2.2 lbs  | 12        | 000116009706 |  0 00116 00970 6 |
| 99  | 4 kg / 8.8 lbs  | 1         | 000116009904 |  0 00116 00990 4 |



## Acid Buffer™

Lowers pH to 5.0-8.0

Designed for use in planted aquariums

Converts carbonate alkalinity (KH) into available CO<sub>2</sub>

Acid Buffer™ is a non-phosphate buffer to lower pH and buffer with Alkaline Buffer™. Both buffers are designed for the planted aquarium or for very hard water where phosphate buffers may pose an algae or cloudiness problem. Acid Buffer™ lowers pH and buffers between 6.0 and 8.0 when used with Alkaline Buffer™. As Acid Buffer™ lowers pH it converts carbonate alkalinity (KH) into available CO<sub>2</sub>.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 244 | 70 g / 2.5 oz    | 25        | 000116024402 |  0 00116 02440 2 |
| 246 | 300 g / 10.6 oz  | 25        | 000116024600 |  0 00116 02460 0 |
| 243 | 600 g / 1.3 lbs  | 12        | 000116024303 |  0 00116 02430 3 |
| 247 | 1.2 kg / 2.6 lbs | 12        | 000116024709 |  0 00116 02470 9 |
| 249 | 4 kg / 8.8 lbs   | 1         | 000116024907 |  0 00116 02490 7 |
| 241 | 20 kg / 44 lbs   | 1         | 000116024105 |  0 00116 02410 5 |
| 242 | 100 kg / 220 lbs | 1         | 000116024204 |  0 00116 02420 4 |



## Alkaline Buffer™

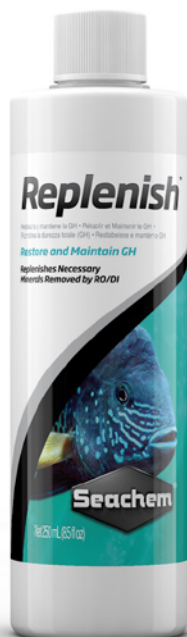
Adjusts pH to 7.2-8.5

Designed for use in planted aquariums

Increases alkalinity

Alkaline Buffer™ is a non-phosphate buffer to raise pH and alkalinity (KH) and buffer with Acid Buffer™. These buffers are designed for the planted aquarium or for very hard water where phosphate buffers may pose an algae or cloudiness problem. Alkaline Buffer™ raises pH and buffers between 7.2 and 8.5. It is gentle, safe, and enhances the freshwater environment.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 234 | 70 g / 2.5 oz    | 25        | 000116023405 |  0 00116 02340 5 |
| 236 | 300 g / 10.6 oz  | 25        | 000116023603 |  0 00116 02360 3 |
| 233 | 600 g / 1.3 lbs  | 12        | 000116023306 |  0 00116 02330 6 |
| 237 | 1.2 kg / 2.6 lbs | 12        | 000116023702 |  0 00116 02370 2 |
| 239 | 4 kg / 8.8 lbs   | 1         | 000116023900 |  0 00116 02390 0 |
| 231 | 20 kg / 44 lbs   | 1         | 000116023108 |  0 00116 02310 8 |
| 232 | 100 kg / 220 lbs | 1         | 000116023207 |  0 00116 02320 7 |



## Replenish™

Restore and maintain GH

Replenishes necessary minerals removed by RO/DI

Necessary to prevent osmotic stress and osmotic shock

Replenish™ is a proprietary blend of salts designed to replenish physiologically relevant minerals that are removed by reverse osmosis or deionizing filtration. Replenish™ restores General Hardness (GH) using a balanced blend of both “soft” (sodium, potassium) and “hard” (calcium, magnesium) salts. Restoration of mineral content is essential since a complete lack of minerals will result in osmotic stress in those species whose osmoregulation systems are adapted to a mineralized environment. Severe osmotic stress can result in osmotic shock which will lead to rapid death.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1475 | 100 mL / 3.4 fl. oz. | 25        | 000116147507 |  0 00116 14750 7 |
| 1476 | 250 mL / 8.5 fl. oz. | 25        | 000116147606 |  0 00116 14760 6 |
| 1473 | 500 mL / 17 fl. oz.  | 12        | 000116147309 |  0 00116 14730 9 |
| 1479 | 4 L / 1 fl. gal.     | 2         | 000116147903 |  0 00116 14790 3 |
| 1471 | 20 L / 5.3 fl. gal.  | 1         | 000116147101 |  0 00116 14710 1 |



## Equilibrium™

GH supplement for the planted aquarium

Restores and maintains mineral balance and GH

Does not contain sodium or chloride like competing products

Ideally suited for use with RO or DI water, or any mineral deficient water

Equilibrium™ is specifically designed to establish the ideal mineral content for the planted aquarium. Equilibrium™ contains no sodium or chloride (which can be detrimental to a planted aquarium at elevated levels). Equilibrium™ is ideally suited for use with RO (reverse osmosis) or DI (deionized) water or any mineral deficient water. Equilibrium™ raises the essential mineral/electrolyte content (General Hardness) of the water to balance with and promote stability of the carbonate hardness.

Unlike competing products, Equilibrium™ contains NO SODIUM CHLORIDE. Both sodium and chloride are not rapidly depleted elements in a planted aquarium, and, in the case of chloride, can do more harm than good. Competitors' products generally contain primarily sodium chloride, which will raise the electrolyte levels for fish, but can be detrimental to plant growth. In addition, sodium is not a contributing cation to GH levels. Equilibrium™ contains only calcium, magnesium, and potassium salts, which aid in fish metabolism, but are also highly beneficial to plant growth.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 446 | 300 g / 10.6 oz  | 25        | 000116044608 |  0 00116 04460 8 |
| 443 | 600 g / 1.3 lbs  | 12        | 000116044301 |  0 00116 04430 1 |
| 449 | 4 kg / 8.8 lbs   | 1         | 000116044905 |  0 00116 04490 5 |
| 441 | 24 kg / 52.8 lbs | 1         | 000116044103 |  0 00116 04410 3 |



## American Cichlid Salt™

Replicates the environment of American Cichlids

Increases hardness (GH)

Does not affect alkalinity or pH

Contains proper amounts of calcium, magnesium, sodium, and potassium

American Cichlid Salt™ is a chemically sound blend of salts designed to replicate the natural environment of American Cichlids. It contains all physiologically essential elements such as magnesium, calcium, sodium, potassium, and includes trace components such as iron, aluminum, and iodide.

American Cichlid Salt™ is formulated so that dosages vary depending on the species' origin and need only be added when setting up an aquarium or with water changes.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                                               |
|------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1464 | 50 g / 1.8 oz  | 25        | 000116146401 |  0 00116 14640 1 |
| 1466 | 250 g / 8.8 oz | 25        | 000116146609 |  0 00116 14660 9 |
| 1469 | 4 kg / 8.8 lbs | 1         | 000116146906 |  0 00116 14690 6 |
| 1461 | 20 kg / 44 lbs | 1         | 000116146104 |  0 00116 14610 4 |





## Brackish Salt™

Creates ideal environment for livebearers & brackish fish

Increases hardness (GH)

Safe for plants

Effective alternate to sodium chloride based aquarium salts

Seachem's Brackish Salt™ is a chemically sound blend of salts designed to replicate the native environment of live bearers and other brackish estuary fish without adversely impacting aquatic plants when used at regionally specific recommended dosage. The salt is also well suited for routine aquarium freshwater use. It does not impact pH or provide buffering.

Unlike other aquarium salts currently available to the hobbyist, Brackish Salt™ is more than just a simple sodium chloride product. These other salts can burn leaves and roots in a planted aquarium. However, Brackish Salt™ does not cause this type of damage, and actually provides many nutrients crucial to healthy plant growth. Dosing of Brackish Salt™ allows for specific duplication of different brackish water environments found worldwide. Brackish Salt™ can also be dosed for general brackish water community aquariums and general freshwater community aquarium. Brackish Salt™ is a safe and effective alternative to the sodium chloride based aquarium salts so prevalent in the market.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 226 | 300 g / 10.6 oz  | 25        | 000116022606 |  0 00116 02260 6 |
| 223 | 600 g / 1.3 lbs  | 12        | 000116022309 |  0 00116 02230 9 |
| 229 | 4 kg / 8.8 lbs   | 1         | 000116022903 |  0 00116 02290 3 |
| 221 | 20 kg / 44 lbs   | 1         | 000116022101 |  0 00116 02210 1 |
| 222 | 100 kg / 220 lbs | 1         | 000116022200 |  0 00116 02220 0 |



## Cichlid Lake Salt™

Replicates the environment of African Cichlids

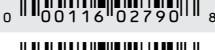
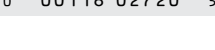
Increases hardness (GH)

Does not affect alkalinity or pH

Contains proper amounts of calcium, magnesium, sodium, and potassium

Cichlid Lake Salt™ is a chemically sound blend of salts designed to replicate the natural environment of Rift Lake African Cichlids. It contains all physiologically essential elements such as magnesium, calcium, sodium, potassium, and includes trace components such as iron, aluminum, and iodide.

Although the major Rift Lakes contain basically the same mineral salts, they do so in greatly differing concentrations. Cichlid Lake Salt™ is formulated so that dosages vary depending on the lake of origin and need only be added when setting up an aquarium or with water changes. Many competing products are little more than combinations of Epsom salt and bicarbonate of soda. This will not provide a complete replication of the mineral salts that are contained in the lakes of Africa, in particular calcium and potassium. Seachem's Tanganyika Buffer™ (pH 9.0–9.4) and Malawi/Victoria Buffer™ (pH 7.8–8.4) should be used to adjust carbonate hardness and pH.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 276 | 250 g / 8.8 oz   | 25        | 000116027601 |  0 00116 02760 1 |
| 273 | 500 g / 1.1 lbs  | 12        | 000116027304 |  0 00116 02730 4 |
| 277 | 1 kg / 2.2 lbs   | 12        | 000116027700 |  0 00116 02770 0 |
| 279 | 4 kg / 8.8 lbs   | 1         | 000116027908 |  0 00116 02790 8 |
| 271 | 20 kg / 44 lbs   | 1         | 000116027106 |  0 00116 02710 6 |
| 272 | 100 kg / 220 lbs | 1         | 000116027205 |  0 00116 02720 5 |



## Gold Salt™

Creates ideal environment for goldfish

Excellent aquarium salt for fish

Aids in the prevention of nitrite poisoning

Gold Salt™ is designed to provide the optimal environment for all goldfish species. The use of Gold Salt™ also aids in the prevention of nitrite poisoning. The salt is also well suited for routine aquarium freshwater use. It does not impact pH or provide buffering. For pH control use Gold Buffer™. For dechlorination use Gold Basics™. For further goldfish environment enhancement, use Gold Trace™ to restore the proper level of trace elements and feed NutriDiet® Goldfish Flakes for thriving, healthy goldfish.

| SKU | Size            | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 214 | 70 g / 2.5 oz   | 25        | 000116021401 |  0 00116 02140 1 |
| 216 | 300 g / 10.6 oz | 25        | 000116021609 |  0 00116 02160 9 |
| 219 | 4 kg / 8.8 lbs  | 1         | 000116021906 |  0 00116 02190 6 |
| 211 | 20 kg / 44 lbs  | 1         | 000116021104 |  0 00116 02110 4 |



## Cichlid Trace™

Trace element supplement for cichlids

Contains only those elements demonstrated to be required by fish

Cichlid Trace™ supplies a broad range of trace elements demonstrated\* to be necessary for proper fish health and growth. Unlike terrestrial animals, fish obtain nutrients from both their food and environment. Trace elements are normally depleted by utilization, oxidation and precipitation, thus it is important to restore them on a regular basis. Cichlid Trace™ contains only those elements actually demonstrated\* to be required by fish.

\*Nutrient Requirements of Fish, National Academy of Sciences, pp. 16-21, 1993.

| SKU | Size                 | Case Size | UPC          | Barcodez                                                                                              |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 706 | 250 mL / 8.5 fl. oz. | 25        | 000116070607 |  0 00116 07060 7 |
| 703 | 500 mL / 17 fl. oz.  | 12        | 000116070300 |  0 00116 07030 0 |
| 709 | 4 L / 1 fl. gal.     | 2         | 000116070904 |  0 00116 07090 4 |
| 701 | 20 L / 5.3 fl. gal.  | 1         | 000116070102 |  0 00116 07010 2 |



## Discus Trace™

Trace element supplement for discus

Contains only those elements demonstrated to be required by fish

Discus Trace™ supplies a broad range of trace elements demonstrated\* to be necessary for proper fish health and growth. Unlike terrestrial animals, fish obtain nutrients from both their food and environment. Trace elements are normally depleted by utilization, oxidation and precipitation, thus it is important to restore them on a regular basis. Discus Trace™ contains only those elements actually demonstrated\* to be required by fish.

\*Nutrient Requirements of Fish, National Academy of Sciences, pp. 16-21,1993.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 756 | 250 mL / 8.5 fl. oz. | 25        | 000116075602 |  0 00116 07560 2 |
| 753 | 500 mL / 17 fl. oz.  | 12        | 000116075305 |  0 00116 07530 5 |
| 759 | 4 L / 1 fl. gal.     | 2         | 000116075909 |  0 00116 07590 9 |



# Fresh Trace™

Trace element supplement for freshwater fish

Contains only those elements demonstrated to be required by fish

Fresh Trace™ supplies a broad range of trace elements demonstrated\* to be necessary for proper fish health and growth. Unlike terrestrial animals, fish obtain nutrients from both their food and environment. Trace elements are normally depleted by utilization, oxidation and precipitation, thus it is important to restore them on a regular basis. Fresh Trace™ contains only those elements actually demonstrated\* to be required by fish.

\*Nutrient Requirements of Fish, National Academy of Sciences, pp. 16-21,1993.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 716 | 250 mL / 8.5 fl. oz. | 25        | 000116071604 |  0 00116 07160 4 |
| 713 | 500 mL / 17 fl. oz.  | 12        | 000116071307 |  0 00116 07130 7 |
| 719 | 4 L / 1 fl. gal.     | 2         | 000116071901 |  0 00116 07190 1 |



## Gold Trace™

Trace element supplement for goldfish

Contains only those elements demonstrated to be required by fish

Gold Trace™ supplies a broad range of trace elements demonstrated\* to be necessary for proper fish health and growth. Unlike terrestrial animals, fish obtain nutrients from both their food and environment. Trace elements are normally depleted by utilization, oxidation and precipitation, thus it is important to restore them on a regular basis. Gold Trace™ contains only those elements actually demonstrated\* to be required by fish.

\*Nutrient Requirements of Fish, National Academy of Sciences, pp. 16-21, 1993.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 786 | 250 mL / 8.5 fl. oz. | 25        | 000116078603 |  0 00116 07860 3 |
| 783 | 500 mL / 17 fl. oz.  | 12        | 000116078306 |  0 00116 07830 6 |
| 789 | 4 L / 1 fl. gal.     | 2         | 000116078900 |  0 00116 07890 0 |



## Flourish®

Comprehensive supplement for the planted aquarium

Provides micro elements, trace elements, and other nutrients

Does not contain significant levels of nitrogen or phosphorus

Flourish® is a comprehensive plant supplement for the natural freshwater aquarium. It contains a rich assortment of important micro elements, trace elements and other nutrients. These include calcium, magnesium, iron and other important elements that have been shown to be beneficial to aquatic plants. For macro element (NPK) fertilization, use Flourish® Nitrogen™, Flourish® Phosphorus™ or Flourish® Potassium™ as needed. Flourish® is safe for invertebrates such as shrimp.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 514 | 50 mL / 1.7 fl. oz.  | 25        | 000116051408 |  0 00116 05140 8 |
| 515 | 100 mL / 3.4 fl. oz. | 25        | 000116051507 |  0 00116 05150 7 |
| 516 | 250 mL / 8.5 fl. oz. | 25        | 000116051606 |  0 00116 05160 6 |
| 513 | 500 mL / 17 fl. oz.  | 12        | 000116051309 |  0 00116 05130 9 |
| 518 | 2 L / 67.6 fl. oz.   | 4         | 000116051804 |  0 00116 05180 4 |
| 519 | 4 L / 1 fl. gal.     | 2         | 000116051903 |  0 00116 05190 3 |
| 511 | 20 L / 5.3 fl. gal.  | 1         | 000116051101 |  0 00116 05110 1 |





## Flourish Excel™

Organic carbon for the planted aquarium

Use as an alternative to CO<sub>2</sub> injection or in addition to it

Introduces photosynthetic intermediates

Flourish Excel™ is a source of bioavailable organic carbon. All plants require a source of carbon. This is typically obtained from CO<sub>2</sub>, but, may also be derived from simple organic compounds (such as photosynthetic intermediates). The use of either CO<sub>2</sub> injection or Flourish Excel™ does not necessarily negate the use of the other. Because the processes of producing photosynthetic intermediates and building onto them occur simultaneously, one can derive a substantial benefit with the use of Flourish Excel™ either alone or in conjunction with CO<sub>2</sub>. The combination is particularly ideal for situations when continuing to add CO<sub>2</sub> could result in dangerously low pH levels. Flourish Excel™ also has iron reducing properties which promote the ferrous state of iron (Fe<sup>+2</sup>), which is more easily utilized by plants than ferric iron (Fe<sup>+3</sup>).

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 454 | 50 mL / 1.7 fl. oz.  | 25        | 000116045407 |  0 00116 04540 7 |
| 455 | 100 mL / 3.4 fl. oz. | 25        | 000116045506 |  0 00116 04550 6 |
| 456 | 250 mL / 8.5 fl. oz. | 25        | 000116045605 |  0 00116 04560 5 |
| 453 | 500 mL / 17 fl. oz.  | 12        | 000116045308 |  0 00116 04530 8 |
| 458 | 2 L / 67.6 fl. oz.   | 4         | 000116045803 |  0 00116 04580 3 |
| 459 | 4 L / 1 fl. gal.     | 2         | 000116045902 |  0 00116 04590 2 |
| 451 | 20 L / 5.3 fl. gal.  | 1         | 000116045100 |  0 00116 04510 0 |



## Flourish Iron™

Highly concentrated (10,000 mg/L) iron source for the planted aquarium

Ferrous gluconate iron

Ferrous gluconate is better suited to foliar feeding than iron-EDTA

Flourish Iron™ is a highly concentrated (10,000 mg/L) ferrous iron gluconate supplement. Plants are able to much more easily derive a benefit from Flourish Iron™ because ferrous iron gluconate is already in the ferrous form so they do not expend energy reducing it. Despite what other manufacturers may intimate, gluconate is not harmful to plants or fish. In fact, ferrous gluconate is better suited to foliar feeding than is iron-EDTA owing to the relatively weaker iron-gluconate bonding vs. iron-EDTA bonding. In addition, ferrous gluconate has the added bonus of being a source of carbon.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 474 | 50 mL / 1.7 fl. oz.  | 25        | 000116047401 |  0 00116 04740 1 |
| 475 | 100 mL / 3.4 fl. oz. | 25        | 000116047500 |  0 00116 04750 0 |
| 476 | 250 mL / 8.5 fl. oz. | 25        | 000116047609 |  0 00116 04760 9 |
| 473 | 500 mL / 17 fl. oz.  | 12        | 000116047302 |  0 00116 04730 2 |
| 478 | 2 L / 67.6 fl. oz.   | 4         | 000116047807 |  0 00116 04780 7 |
| 479 | 4 L / 1 fl. gal.     | 2         | 000116047906 |  0 00116 04790 6 |
| 471 | 20 L / 5.3 fl. gal.  | 1         | 000116047104 |  0 00116 04710 4 |



## Flourish Nitrogen™

Nitrogen supplement for the planted aquarium

15,000 mg/L blend of nitrogen sources

Provides nitrogen in both the nitrate form and the ammonium form

Nitrogen is one of the main three macro nutrients (nitrogen, phosphorus, potassium: NPK) required by plants and can often become the limiting factor to growth in a flourishing system. Flourish Nitrogen™ is a concentrated (15,000 mg/L) blend of nitrogen sources. It provides nitrogen in both the nitrate form and the plant-preferred ammonium form. However, no free ammonia is released because the ammonium in Flourish Nitrogen™ is complexed and unavailable until utilized by the plants. Ammonium becomes available after conversion of urea (carbamide). Flourish Nitrogen™ also provides nitrate for those plants that can readily utilize nitrate as well. For maximum benefit, use with Flourish Phosphorus™ and Flourish Potassium™. Flourish Nitrogen™ is safe for invertebrates such as shrimp.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                               |
|-----|----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 625 | 100 mL / 3.4 fl. oz. | 25        | 000116062503 |  |
| 626 | 250 mL / 8.5 fl. oz. | 25        | 000116062602 |  |
| 623 | 500 mL / 17 fl. oz.  | 12        | 000116062305 |  |
| 628 | 2 L / 67.6 fl. oz.   | 4         | 000116062800 |  |
| 629 | 4 L / 1 fl. gal.     | 2         | 000116062909 |  |
| 621 | 20 L / 5.3 fl. gal.  | 1         | 000116062107 |  |



## Flourish Phosphorus™

Phosphorus supplement for the planted aquarium

4500 mg/L solution of potassium phosphate

Takes the guesswork out of phosphate dosing

Phosphorus is one of the main three macro nutrients (nitrogen, phosphorous, potassium: NPK) required by plants and can often become the limiting factor to growth in a flourishing system. Flourish Phosphorus™ is a safe solution (4,500 mg/L phosphate) of potassium phosphate that takes the guess work out of phosphate dosing. Unlike competing products that mix nitrate and phosphate in a fixed ratio, Flourish Phosphorus™ (being nitrate free) allows you to dose phosphorus according to the needs of your plants without the risk of overdosing nitrates. When used as directed, Flourish Phosphorus™ will enhance and accelerate the growth of aquatic plants without enhancing algae growth. For maximum benefit, use with Flourish Nitrogen™ and Flourish Potassium™. Flourish Phosphorus™ is safe for invertebrates such as shrimp.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 195 | 100 mL / 3.4 fl. oz. | 25        | 000116019507 |  0 00116 01950 7 |
| 196 | 250 mL / 8.5 fl. oz. | 25        | 000116019606 |  0 00116 01960 6 |
| 193 | 500 mL / 17 fl. oz.  | 12        | 000116019309 |  0 00116 01930 9 |
| 198 | 2 L / 67.6 fl. oz.   | 4         | 000116019804 |  0 00116 01980 4 |
| 199 | 4 L / 1 fl. gal.     | 2         | 000116019903 |  0 00116 01990 3 |
| 191 | 20 L / 5.3 fl. gal.  | 1         | 000116019101 |  0 00116 01910 1 |



## Flourish Potassium™

Potassium supplement for the planted aquarium

Highly concentrated (50,000 mg/L)

Does not contain phosphate or nitrate

Flourish Trace™ supplies a broad range of trace elements demonstrated to be necessary for proper plant health and growth (see below for signs of deficiencies). Trace elements are normally depleted by utilization, oxidation and precipitation. The latter two processes occur more rapidly than with other micronutrients. This makes it important to restore trace elements on a regular basis. Flourish Trace™ is safe for invertebrates such as shrimp.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                 |
|-----|----------------------|-----------|--------------|-----------------------------------------------------------------------------------------|
| 464 | 50 mL / 1.7 fl. oz.  | 25        | 000116046404 |  4 |
| 465 | 100 mL / 3.4 fl. oz. | 25        | 000116046503 |  3 |
| 466 | 250 mL / 8.5 fl. oz. | 25        | 000116046602 |  2 |
| 463 | 500 mL / 17 fl. oz.  | 12        | 000116046305 |  5 |
| 468 | 2 L / 67.6 fl. oz.   | 4         | 000116046800 |  0 |
| 469 | 4 L / 1 fl. gal.     | 2         | 000116046909 |  9 |
| 461 | 20 L / 5.3 fl. gal.  | 1         | 000116046107 |  7 |



## Flourish Trace™

Trace elements for the planted aquarium

Allows for more frequent dosing than a broad spectrum supplement without worrying about a buildup of more slowly used components

Flourish Trace™ supplies a broad range of trace elements demonstrated to be necessary for proper plant health and growth (see below for signs of deficiencies). Trace elements are normally depleted by utilization, oxidation and precipitation. The latter two processes occur more rapidly than with other micronutrients. This makes it important to restore trace elements on a regular basis. Flourish Trace™ is safe for invertebrates such as shrimp.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 744 | 50 mL / 1.7 fl. oz.  | 25        | 000116074407 |  0 00116 07440 7 |
| 745 | 100 mL / 3.4 fl. oz. | 25        | 000116074506 |  0 00116 07450 6 |
| 746 | 250 mL / 8.5 fl. oz. | 25        | 000116074605 |  0 00116 07460 5 |
| 743 | 500 mL / 17 fl. oz.  | 12        | 000116074308 |  0 00116 07430 8 |
| 748 | 2 L / 67.6 fl. oz.   | 4         | 000116074803 |  0 00116 07480 3 |
| 749 | 4 L / 1 fl. gal.     | 2         | 000116074902 |  0 00116 07490 2 |
| 741 | 20 L / 5.3 fl. gal.  | 1         | 000116074100 |  0 00116 07410 0 |



## Flourish Advance™

Phytohormone supplement for the planted aquarium

Dramatically stimulates the growth of both roots and shoots in aquatic plants

Enhances mineral absorption and improves disease resistance

Flourish Advance™ is an all-natural, biologic growth enhancer for aquatic plants. Its advanced formula contains phytohormones, minerals, and nutrients that dramatically stimulate the growth of both roots and shoots in aquatic plants. Phytohormones are a group of naturally occurring compounds that play crucial roles in regulating plant growth in a wide range of developmental processes, including cell division, formation and activity of shoot meristems, induction of photosynthesis gene expression, leaf senescence, nutrient mobilization, seed germination, root growth and stress response. Used regularly, it also enhances mineral absorption and improves disease resistance. It is non-toxic and completely safe for all plant varieties as well as for fish and aquatic organisms.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1234 | 50 mL / 1.7 fl. oz.  | 25        | 000116123402 |  0 00116 12340 2 |
| 1235 | 100 mL / 3.4 fl. oz. | 25        | 000116123501 |  0 00116 12350 1 |
| 1236 | 250 mL / 8.5 fl. oz. | 25        | 000116123600 |  0 00116 12360 0 |
| 1233 | 500 mL / 17 fl. oz.  | 12        | 000116123303 |  0 00116 12330 3 |
| 1238 | 2 L / 67.6 fl. oz.   | 4         | 000116123808 |  0 00116 12380 8 |
| 1239 | 4 L / 1 fl. gal.     | 2         | 000116123907 |  0 00116 12390 7 |



## Flourish Tabs™

Gravel bed supplement for the planted aquarium

Provides micro elements, trace elements, and other nutrients

Targets root zone

Flourish Tabs™ are growth stimulating tablets for plant roots. They contain essential trace elements, amino acids, and vitamins. They are rich in iron, manganese, magnesium, calcium, potassium, inositol, choline B12, biotin, and other factors that have been determined to be beneficial to aquatic plant roots. They contain no phosphate or nitrate that would promote algae proliferation. Each pack of ten tablets treats a 12 X 30 inch plant bed twice.

Perfect for the beginner, Flourish Tabs™ contain all the nutrients found in Flourish® in a dry, tabular form. These tabs are inserted into the gravel, providing direct, time-released fertilization to the plants' root zone. Nutrients are slowly made available through enzymatic action of the plants' roots on the tabs.

| SKU | Size        | Case Size | UPC          | Barcode                                                                               |
|-----|-------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 505 | 10 tab pack | 24        | 000116050500 |  |
| 507 | 40 tab pack | 24        | 000116050708 |  |





## Plant Pack Fundamentals™

Perfect starter pack for planted tank beginners

Broad spectrum of nutrients, carbon, and iron

Contains 100 mL bottles of Flourish®, Flourish Excel™, and Flourish Iron™

Plant Pack™: Fundamentals is an excellent pack for beginning aquatic gardeners. It contains Flourish®, Flourish Iron™, Flourish Excel™.

### Flourish®

Flourish® is a growth stimulator for aquarium plant stems and leaves. It contains a broad spectrum of essential trace elements, vitamins, and amino acids.

### Flourish Excel™

Flourish Excel™ is a simple source of readily available organic carbon.

### Flourish Iron™

Flourish Iron™ is a companion product to Flourish® and Flourish Tabs™. It is a complexed ferrous (Fe<sup>+2</sup>) iron product which contains 10,000 mg/L of iron and is ideal for iron maintenance in the natural planted aquarium.

| SKU  | Size                          | Case Size | UPC          | Barcode                                                                                               |
|------|-------------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1105 | 3 - 100 mL / 3.4 fl. oz. Pack | 12        | 000116110501 |  0 00116 11050 1 |



## Plant Pack Enhancer™

Perfect starter pack for aquarists looking to supplement macro nutrients

NPK all in one package

Contains 100 mL bottles of Flourish Nitrogen™, Flourish Phosphorus™, and Flourish Potassium™

Nitrogen, phosphorus, and potassium (NPK) are the three main macro nutrients required by plants and can often become the limiting factor to growth in a flourishing system. Plant Pack Enhancer: NPK combines Flourish Nitrogen™, Flourish Phosphorus™, and Flourish Potassium™ in one pack.

| SKU  | Size                          | Case Size | UPC          | Barcode                                                                               |
|------|-------------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1115 | 3 - 100 mL / 3.4 fl. oz. Pack | 12        | 000116111508 |  |



## Flourish Glue™

Cyanoacrylate adhesive

Bonds within seconds

No more thread, no more weights

Attach moss and plants to rocks, driftwood, and even gravel

Flourish Glue™ is a superior cyanoacrylate gel for attaching moss and plants to rocks, driftwood, and even gravel. It's uniquely useful when planting bunch plants. Simply apply Flourish Glue™, plant as usual and the plants stay rooted in the substrate. It bonds within seconds and has excellent control, hold and durability characteristics. It can even be used underwater. Flourish Glue™ can be used for any aquascaping in freshwater or saltwater aquariums or for any plastics repairs. Flourish Glue™ comes in an aluminum tube for extended stability beyond products contained in plastic bottles - it won't dry up in the tube.

| SKU  | Size                    | Case Size | UPC          | Barcode                                                                                               |
|------|-------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3116 | 8 g (2 x 4 g) / 0.28 oz | 24        | 000116311601 |  0 00116 31160 1 |



## Flourish Epoxy™

Epoxy adhesive for planted aquariums

Secures hardscapes

Use with rock and driftwood

Fully cures submerged or emerged within 24 hours

Seachem Flourish Epoxy™ is two-part epoxy putty that can be used during hardscaping to secure materials such as rock and driftwood for more stable foundations in planted aquaria. It has a working time of 5 minutes and fully cures submerged or emerged within 24 hours. Flourish Epoxy™ is ideal for working with stacks of rocks, where collapse could cause damage to plants or the aquarium itself. It is completely safe for aquarium inhabitants.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3125 | 114 g / 4 oz. - Gray  | 24        | 000116031257 |  |
| 3126 | 114 g / 4 oz. - Brown | 24        | 000116031264 |  |

## Beetle Diffusers

27 mm & 30 mm ceramic discs

For aquariums 75-190 L (20-50 US gallons)

Preferred pollen-style diffusers for large aquaria or high-growth aquaria

Large surface area of diffuser disc ideal for high volumes of CO<sub>2</sub>



The glass Beetle Diffusers are pollen style CO<sub>2</sub> diffusers that connect to CO<sub>2</sub> injection systems to easily disperse CO<sub>2</sub> gas into the planted aquarium. The large surface area of the discs allow for the diffusion of large volumes of CO<sub>2</sub> gas, making the Beetle Diffusers an excellent choice for larger aquaria or high-growth aquaria.

| SKU  | Size       | Case Size | UPC          | Barcode                                                                               |
|------|------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3153 | 27 mm Disc | 12        | 000116031530 |  |
| 3154 | 30 mm Disc | 6         | 000116031547 |  |



# Slanted Diffuser

Pollen style CO<sub>2</sub> diffuser  
For aquariums up to 75 L (20 US gallons)  
Simple and easy to use  
Low profile design excellent for minimizing the visibility of the diffuser

The Slanted Diffuser is a pollen style CO<sub>2</sub> diffuser that connects to CO<sub>2</sub> injection systems to easily and uniquely disperse CO<sub>2</sub> gas into the planted aquarium. The elegant and low profile design of the slanted diffuser makes it ideal to minimize the visibility and intrusiveness of the CO<sub>2</sub> injection system on planted tanks. The Slanted Diffuser has a 15 mm disc.

| SKU  | Size      | Case Size | UPC          | Barcode                                                                                               |
|------|-----------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3155 | 15mm Disc | 12        | 000116031554 |  0 00116 03155 4 |



## Bubble Counting Diffuser

Pollen style CO<sub>2</sub> diffuser

For aquariums up to 75 L (20 US gallons)

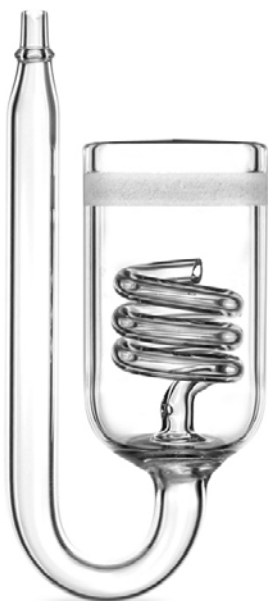
Simple and easy to use

Low profile design excellent for minimizing the visibility of the diffuser

Monitor rate of CO<sub>2</sub> injection

The Bubble Counting Diffuser is a pollen style CO<sub>2</sub> diffuser that connects to CO<sub>2</sub> injection systems to easily disperse CO<sub>2</sub> gas into the planted aquarium. The built-in bubble counter allows for easy monitoring of the rate of CO<sub>2</sub> injection. The inclusion of a bubble counter in the diffuser makes the use of a bubble counter on the CO<sub>2</sub> tank or in-line unnecessary. The Bubble Counting Diffuser has a 17 mm disc.

| SKU  | Size       | Case Size | UPC          | Barcode                                                                                               |
|------|------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3156 | 17 mm Disc | 12        | 000116031561 |  0 00116 03156 1 |



## Spiral Bubble Counting Diffuser

Pollen style CO<sub>2</sub> diffuser

For aquariums 75-190 L (20-50 US gallons)

Simple and easy to use

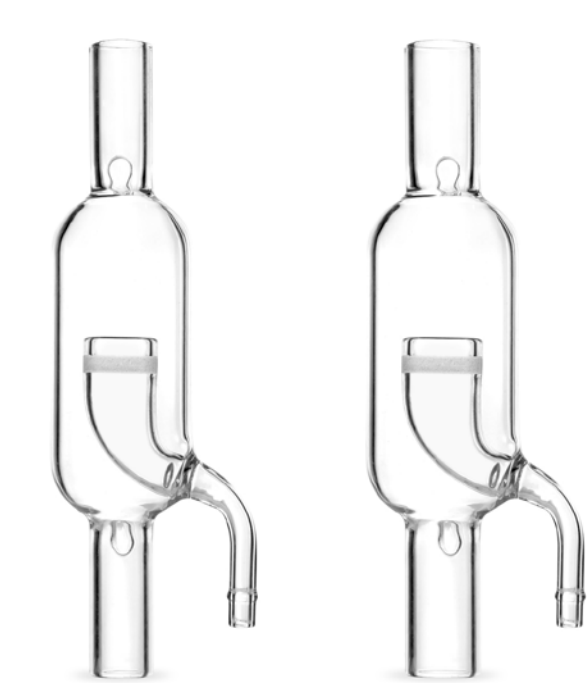
Built in bubble counter makes the use of a separate bubble counter unnecessary

Large surface area of diffuser disc ideal for high volumes of CO<sub>2</sub> gas

The Spiral Bubble Counting Diffuser is a pollen style CO<sub>2</sub> diffuser that connects to CO<sub>2</sub> injection systems to easily disperse CO<sub>2</sub> gas into the planted aquarium. The built-in spiral bubble counter allows for easy monitoring of the rate of CO<sub>2</sub> injection. The inclusion of a bubble counter in the diffuser makes the use of a bubble counter on the CO<sub>2</sub> tank or in-line unnecessary. The Spiral Bubble Counting Diffuser has a 30 mm disc.

| SKU  | Size       | Case Size | UPC          | Barcode                                                                                               |
|------|------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3157 | 23 mm Disc | 12        | 000116031578 |  0 00116 03157 8 |





# Inline Diffusers

- 13 mm & 17 mm diffuser discs
- Minimizes the visibility of CO<sub>2</sub> equipment in the aquarium
- Ensures maximum dissolution of CO<sub>2</sub> in aquarium water
- Allows for more consistent dosing of CO<sub>2</sub>

The glass Inline Diffusers are pollen style inline CO<sub>2</sub> diffusers that are placed in the outflow line of the filter or aquarium pump to efficiently diffuse CO<sub>2</sub> gas into the aquarium. This placement of the diffuser avoids the need for a diffuser in the aquarium and significantly reduces the visibility of the CO<sub>2</sub> injection system in the aquascape. This also allows for more rapid diffusion of CO<sub>2</sub> into the system and can allow for more consistent levels and reduce waste of CO<sub>2</sub> or overdose of CO<sub>2</sub>

| SKU  | Size  | Case Size | UPC          | Barcode                                                                                               |
|------|-------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3161 | 13 mm | 6         | 000116031615 |  0 00116 03161 5 |
| 3162 | 17 mm | 6         | 000116031622 |  0 00116 03162 2 |



## Bubble Counter

Pollen style CO<sub>2</sub> bubble counter

Monitor rate of CO<sub>2</sub> injection

Minimizes the visibility of CO<sub>2</sub> equipment in the aquarium

Suitable for all aquarium sizes

Simple and easy to use

The Bubble Counter is a simple and elegant tool for monitoring the rate of CO<sub>2</sub> injection in planted aquaria. This bubble counter is placed in the CO<sub>2</sub> gas line, which minimizes visibility of CO<sub>2</sub> equipment in the aquascape while still allowing the hobbyist to easily check CO<sub>2</sub> output at any time.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                                               |
|------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3158 | 17 mm Diameter | 12        | 000116031585 |  0 00116 03158 5 |



# U Tubes

10 mm & 20 mm

Ideal for aquarium airline or CO<sub>2</sub> tubing

2 sizes for rimless aquariums and most standard aquarium rims

Great for use with CO<sub>2</sub> injection systems or bubblers

Glass U Tubes allow you to easily run airline (preferably silicone) for CO<sub>2</sub> or for general air supply over the rim of the aquarium without bending or creasing. Made of strong clear glass, which minimizes visibility of tubing.

| SKU  | Size       | Case Size | UPC          | Barcode                                                                                               |
|------|------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3150 | 10 mm wide | 12        | 000116031509 |  0 00116 03150 9 |
| 3151 | 20 mm wide | 12        | 000116031516 |  0 00116 03151 6 |

## pH Checker

Monitors pH in planted aquarium

Easy-to-read color changing indicator solution included

Recommended for planted aquaria with CO<sub>2</sub> injection systems



The pH checker is a glass pH monitor that comes with pH sensitive indicator solution. When submerged in water, this indicator solution changes color according to changes in the pH of the aquarium as a result of CO<sub>2</sub> gas. The pH checker makes monitoring CO<sub>2</sub> concentrations and pH level in planted aquaria easy.

## pH Checker Refill Solution

For Use with the Seachem Glass pH Checker

pH sensitive indicator solution. When submerged in water, this indicator solution changes color according to changes in the pH of the aquarium as a result of CO<sub>2</sub> gas.

| SKU  | Size                       | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3152 | 25 mm Diameter             | 12        | 000116031523 |  0 00116 03152 3 |
| 3163 | pH Checker Refill Solution | 25        | 000116031639 |  0 00116 03163 9 |



# Glass Feeder

An elegant solution for storing food and feeding  
For pelleted and flake foods such as Seachem NutriDiet™ flakes  
Suitable for all aquarium types  
Easy to fill and use

The Glass Feeder is a simple and elegant tool to store, display, and dispense fish food such as Seachem NutriDiets™. This feeder is excellent for every aquarium type and can dispense a wide variety of dry flake and pellet foods. Makes an excellent accessory for aquascapes and reef aquaria where presentation is key!

| SKU  | Size           | Case Size | UPC          | Barcode                                                                                               |
|------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3159 | 40 mm Diameter | 6         | 000116031592 |  0 00116 03159 2 |



## Flourite®

Premium natural substrate for the planted aquarium

Good for the life of the aquarium

Provides essential minerals for plant growth

Flourite® is a specially fractured stable porous clay gravel for the natural planted aquarium. Its appearance is best suited to planted aquaria, but may be used in any freshwater aquarium environment. Flourite® is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Flourite® is not chemically coated or treated and will not alter the pH of the water. Flourite® is good for the life of the aquarium and need not be replaced.

| SKU | Size             | Case Size | UPC          | Barcode                                                                               |
|-----|------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 493 | 3.5 kg / 7.7 lbs | 4         | 000116049306 |  |
| 495 | 7 kg / 15.4 lbs  | 2         | 000116049504 |  |



## Flourite® Sand

Premium natural substrate for the planted aquarium

Good for the life of the aquarium

Provides essential minerals for plant growth

Flourite® Sand is a specially fractured stable porous clay gravel for the natural planted aquarium. Its appearance is best suited to planted aquaria, but may be used in any freshwater aquarium environment. Flourite® Sand is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Flourite® Sand is not chemically coated or treated and will not alter the pH of the water. Flourite® Sand is good for the life of the aquarium and need not be replaced.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                               |
|------|------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3513 | 3.5 kg / 7.7 lbs | 4         | 000116351300 |  |
| 3515 | 7 kg / 15.4 lbs  | 2         | 000116035156 |  |



## Flourite® Black

Premium natural substrate for the planted aquarium

Good for the life of the aquarium

Provides essential minerals for plant growth

Flourite® Black is a specially fractured stable porous clay gravel for the natural planted aquarium. Its appearance is best suited to planted aquaria, but may be used in any freshwater aquarium environment. Flourite® Black is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Flourite® Black is not chemically coated or treated and will not alter the pH of the water. Flourite® Black is good for the life of the aquarium and need not be replaced.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3723 | 3.5 kg / 7.7 lbs | 4         | 000116372305 |  0 00116 37230 5 |
| 3725 | 7 kg / 15.4 lbs  | 2         | 000116372503 |  0 00116 37250 3 |





## Flourite® Black Sand

Premium natural substrate for the planted aquarium

Good for the life of the aquarium

Provides essential minerals for plant growth

Flourite® Black Sand is a specially fractured stable porous clay gravel for the natural planted aquarium. Its appearance is best suited to planted aquaria, but may be used in any freshwater aquarium environment. Flourite® Black Sand is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Flourite® Black Sand is not chemically coated or treated and will not alter the pH of the water. Flourite® Black Sand is good for the life of the aquarium and need not be replaced.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3523 | 3.5 kg / 7.7 lbs | 4         | 000116352307 |  0 00116 35230 7 |
| 3525 | 7 kg / 15.4 lbs  | 2         | 000116352505 |  0 00116 35250 5 |



## Flourite® Dark

Premium natural substrate for the planted aquarium

Good for the life of the aquarium

Provides essential minerals for plant growth

Flourite® Dark is a specially fractured stable porous clay gravel for the natural planted aquarium. Its appearance is best suited to planted aquaria, but may be used in any freshwater aquarium environment. Flourite® Dark is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Flourite® Dark is not chemically coated or treated and will not alter the pH of the water. Flourite® Dark is good for the life of the aquarium and need not be replaced.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                               |
|------|------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3733 | 3.5 kg / 7.7 lbs | 4         | 000116373302 |  |
| 3735 | 7 kg / 15.4 lbs  | 2         | 000116373500 |  |



## Flourite® Red

Premium natural substrate for the planted aquarium

Good for the life of the aquarium

Provides essential minerals for plant growth

Flourite® Red is a specially fractured stable porous clay gravel for the natural planted aquarium. Its appearance is best suited to planted aquaria, but may be used in any freshwater aquarium environment. Flourite® Red is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Flourite® Red is not chemically coated or treated and will not alter the pH of the water. Flourite® Red is good for the life of the aquarium and need not be replaced.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                               |
|------|------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 3713 | 3.5 kg / 7.7 lbs | 4         | 000116371308 |  |
| 3715 | 7 kg / 15.4 lbs  | 2         | 000116371506 |  |



## Onyx Sand™

Premium natural substrate for the planted aquarium

Supports optimal pH for freshwater planted aquariums

Rich in carbonates

Onyx Sand™ is a naturally dark gray sand that perfectly complements and enhances the appearance of any aquarium. It supports optimal KH levels for freshwater planted aquariums. Although ideally suited to planted aquaria, it may be used in any aquarium environment. Onyx Sand™ is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels. Gravel modifiers such as laterite are not necessary. Onyx Sand™ is not chemically coated or treated, and as a carbonate rich sand, it has a slight buffering capacity that may raise pH by 0.1 - 0.5 pH units (depending on source water characteristics). Onyx Sand™ is good for the life of the aquarium and need not be replaced.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3503 | 3.5 kg / 7.7 lbs | 4         | 000116350303 |  0 00116 35030 3 |
| 3505 | 7 kg / 15.4 lbs  | 2         | 000116350501 |  0 00116 35050 1 |



Premium natural substrate for the planted aquarium

Rich in carbonates

Onyx™ is a specially fractured natural substrate for the aquarium. Onyx™ is suitable for any marine or freshwater environments and is ideally suited for Cichlid environments. Onyx™ is most effective when used alone as an integral substrate bed, but it may be mixed with other gravels or sands such as Onyx Sand™. Onyx™ is not chemically coated or treated but does have a slight buffering capacity.



0011637050



## Meridian™

Premium natural substrate for the reef aquarium

Assists in stabilizing calcium and alkalinity

Natural oolitic aragonite for all types of marine, reef, and tropical aquaria

Helps prevent large pH declines

Meridian™ is an all natural oolitic (spherical or egg shaped) aragonite substrate for all reef and marine aquaria. Meridian™ is the premium aragonite substrate for the reef aquaria. It's grain size (a fairly uniform 0.25 - 0.50 mm) is ideally suited to reef inhabitants and it's chemical composition will assist in stabilizing calcium and alkalinity while preventing large pH declines. Unlike competing “wet” products marketed under the guise of being “live”, Meridian™ is sold dry, thus you pay only for gravel and not for unneeded water.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3403 | 3.5 kg / 7.7 lbs | 4         | 000116340304 |  0 00116 34030 4 |
| 3406 | 9 kg / 19.8 lbs  | 2         | 000116340601 |  0 00116 34060 1 |



## Pearl Beach™

Premium natural substrate for the reef aquarium

Assists in stabilizing calcium and alkalinity

Natural aragonite for all types of marine, reef, and tropical aquaria

Helps prevent large pH declines

Pearl Beach™ is an all natural aragonite substrate for all types of marine, reef and tropical aquaria. Its chemical composition will assist in stabilizing calcium and alkalinity while preventing large pH declines. Unlike competing “wet” gravels, Pearl Beach™ is sold dry: this bag contains 35% more gravel than a bag of wet gravel of equal weight.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3603 | 3.5 kg / 7.7 lbs | 4         | 000116360302 |  0 00116 36030 2 |
| 3606 | 10 kg / 22 lbs   | 2         | 000116360609 |  0 00116 36060 9 |



## Gray Coast™

Natural calcite for all types of marine and reef aquaria

Assists in stabilizing calcium and alkalinity

High in magnesium

Helps prevent large pH declines

Maximizes color of marine fish

Gray Coast™ Calcite is an all natural calcite substrate for all types of marine, reef and tropical aquaria. Its chemical composition will assist in stabilizing calcium and alkalinity while preventing large pH declines. Simply rinse before use to remove any residual dust. Unlike competing “wet” gravels, Gray Coast™ is sold dry: this bag contains 35% more gravel than a bag of wet gravel of equal weight.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                                               |
|------|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3623 | 3.5 kg / 7.7 lbs | 4         | 000116362306 |  0 00116 36230 6 |
| 3626 | 10 kg / 22 lbs   | 2         | 000116362603 |  0 00116 36260 3 |



Salt & Product Packs



# Vibrant Sea™

- Replicates natural marine and reef waters
- Highly concentrated synthetic sea salt
- Enhanced potassium formula
- Superior calcium and alkalinity stability

Vibrant Sea™ is a highly concentrated blend of salts formulated for marine and reef aquariums that contains all essential major, minor, and trace components found in natural seawaters, plus the added advantage of enhanced potassium levels. Its formulation is ideal for the reef environment and will provide accurate seawater concentrations of magnesium, calcium, and strontium with proper alkalinity and pH for closed reef aquarium systems.

Vibrant Sea™ is an anhydrous salt, which allows for unparalleled uniformity from batch to batch as well as the ability to produce more saltwater from less salt. In addition, it is highly soluble and can mixed and used in the same day.

|                               |                                |                           |
|-------------------------------|--------------------------------|---------------------------|
| <b>pH</b><br>8.4-8.5          | <b>Alkalinity</b><br>3-4 meq/L | <b>Ca</b><br>425-445 mg/L |
| <b>Mg</b><br>1,250-1,350 mg/L | <b>K</b><br>500-550 mg/L       | <b>Sr</b><br>8-10 mg/L    |

| SKU | Size               | Case Size | UPC          | Barcode                                                                               |
|-----|--------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 326 | 6.25 kg / 13.8 lbs | 1         | 000116003261 |  |
| 328 | 23 kg / 50.5 lbs   | 1         | 000116003285 |  |
| 322 | 952 kg / 2100 lbs  | 1         | 000116003223 |  |



## Reef Pack Fundamentals™

Includes Reef Complete®, Reef Carbonate™ and Reef Plus™

Provides calcium, carbonate, trace elements, vitamins, and amino acids

Perfect introductory supplement pack for beginners

Calcium and carbonates are essential to all coral growth. If either becomes deficient, coral growth will cease, followed by a rapid decline in coral health. To prevent this you must provide calcium (Reef Complete®) and carbonates (Reef Carbonate™). To improve vitality and overall health of the corals (which in turn accelerates growth), provide vitamins, amino acids and trace elements with Reef Plus™. Reef Pack™ Fundamentals combines these three products in this foundational pack perfect for beginners.

| SKU  | Size                        | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1335 | 3 - 100 mL/3.4 fl. oz. Pack | 12        | 000116133500 |  |



# Reef Pack Enhancer™

Includes Reef Complete®, Reef Carbonate™, and Reef Iodide™

Provides calcium, strontium, and iodide

Perfect addition to Reef Pack Fundamentals™

The Reef Pack™ Enhancer takes reef supplementation to the next level. Accelerate coral growth with a high energy polygluconate calcium (Reef Calcium™). Maintain strontium in a densely populated system (Reef Strontium™) with the added benefit of coral acceleration through gluconate complexation. Maintain sufficient iodide levels (Reef Iodide™) when keeping soft corals or invertebrates.

| SKU  | Size                        | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1345 | 3 - 100 mL/3.4 fl. oz. Pack | 12        | 000116134507 |  |



## Marine Buffer®

Raises and maintains pH at 8.3 in all saltwater aquariums

Specialized for fish-only tanks, but can be safely used in reef tanks

Contains borate for added stability

Contains magnesium to alleviate precipitation effects

Marine Buffer® will safely raise marine pH to 8.3. It will not raise pH above 8.3 even if inadvertently overdosed. Marine Buffer® is a blended product and is not just sodium bicarbonate or sodium carbonate, commonly sold as a substitute. Such products can raise pH to dangerous levels if not used properly. Marine Buffer® contains sodium, magnesium, calcium, strontium, and potassium salts of carbonate, bicarbonate, chloride, sulfate, and borate. Use Seachem's MultiTest™ Marine pH & Alkalinity to check pH and total alkalinity. Use Marine Trace™ to restore the proper level of trace and feed NutriDiet® Marine Flakes for thriving, healthy saltwater fish.

| SKU | Size             | Case Size | UPC          | Barcode         |
|-----|------------------|-----------|--------------|-----------------|
| 344 | 50 g / 1.8 oz    | 25        | 000116034401 | 0 00116 03440 1 |
| 346 | 250 g / 8.8 oz   | 25        | 000116034609 | 0 00116 03460 9 |
| 343 | 500 g / 1.1 lbs  | 12        | 000116034302 | 0 00116 03430 2 |
| 347 | 1 kg / 2.2 lbs   | 12        | 000116034708 | 0 00116 03470 8 |
| 349 | 4 kg / 8.8 lbs   | 1         | 000116034906 | 0 00116 03490 6 |
| 341 | 20 kg / 44 lbs   | 1         | 000116034104 | 0 00116 03410 4 |
| 342 | 100 kg / 220 lbs | 1         | 000116034203 | 0 00116 03420 3 |



## Liquid Marine Buffer®

Raises and maintains pH at 8.3 in all saltwater aquariums

Specialized for fish-only tanks, but can be safely used in reef tanks

Contains borate for added stability

Liquid Marine Buffer® will safely raise marine pH to 8.3 while adjusting alkalinity. It will not raise pH above 8.3 even if inadvertently overdosed. Liquid Marine Buffer® contains a balanced blend of bicarbonate, carbonate and borate salts designed to raise pH and restore disrupted buffer systems to the proper balance. Use Seachem's MultiTest™ Marine pH & Alkalinity to check pH and total alkalinity. Use Marine Trace™ to restore the proper level of trace and feed NutriDiet® Marine Flakes for thriving, healthy saltwater fish.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 986 | 250 mL / 8.5 fl. oz. | 25        | 000116098601 |  0 00116 09860 1 |
| 983 | 500 mL / 17 fl. oz.  | 12        | 000116098304 |  0 00116 09830 4 |
| 989 | 4 L / 1 fl. gal.     | 2         | 000116098908 |  0 00116 09890 8 |
| 981 | 20 L / 5.3 fl. gal.  | 1         | 000116098106 |  0 00116 09810 6 |



## Reef Buffer™

Raises pH to 8.3

Raises pH and carbonate alkalinity together

pK (8.6) allows for greater pH stability in a reef system where the bioload is significantly greater than in a fish only system

When used as directed Reef Buffer™ will raise the pH of your reef system to 8.3 without fear of accidentally overshooting the pH to a dangerous level. Whereas competing products simply use sodium bicarbonate, Reef Buffer™ is made with a blend of carbonate and bicarbonate salts. This blend of salts results in Reef Buffer™ yielding a pK of roughly 8.6 in saltwater.

| SKU | Size            | Case Size | UPC          | Barcode         |
|-----|-----------------|-----------|--------------|-----------------|
| 674 | 50 g / 1.8 oz   | 25        | 000116067409 | 0 00116 06740 9 |
| 676 | 250 g / 8.8 oz  | 25        | 000116067607 | 0 00116 06760 7 |
| 673 | 500 g / 1.1 lbs | 12        | 000116067300 | 0 00116 06730 0 |
| 677 | 1 kg / 2.2 lbs  | 12        | 000116067706 | 0 00116 06770 6 |
| 679 | 4 kg / 8.8 lbs  | 1         | 000116067904 | 0 00116 06790 4 |
| 671 | 20 kg / 44 lbs  | 1         | 000116067102 | 0 00116 06710 2 |



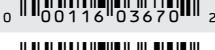
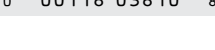
## Reef Builder™

Raises carbonate alkalinity (KH) with minimal impact on pH

A blend of carbonate sources that will not lower pH as competing products can

Will not deplete calcium, magnesium, or strontium

Reef Builder™ raises carbonate alkalinity (KH) without immediately impacting on pH. With long term use there will be a tendency to stabilize at pH 8.3. Used as directed, Reef Builder™ will not deplete calcium, magnesium, or strontium which usually tend to precipitate with increasing alkalinity. Reef Builder™ and Reef Buffer™ may be used together. Use Reef Builder™ to raise carbonate alkalinity without affecting pH. Use Reef Buffer™ to raise carbonate alkalinity and pH. Reef alkalinity should be maintained at 3–5 meq/L (8–14 dKH). Alkalinity should not be allowed to fall below 2 meq/L.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 364 | 50 g / 1.8 oz    | 25        | 000116036405 |  0 00116 03640 5 |
| 366 | 300 g / 10.6 oz  | 25        | 000116036603 |  0 00116 03660 3 |
| 363 | 600 g / 1.3 lbs  | 12        | 000116036306 |  0 00116 03630 6 |
| 367 | 1.2 kg / 2.6 lbs | 12        | 000116036702 |  0 00116 03670 2 |
| 369 | 4 kg / 8.8 lbs   | 1         | 000116036900 |  0 00116 03690 0 |
| 361 | 20 kg / 44 lbs   | 1         | 000116036108 |  0 00116 03610 8 |



## Reef Carbonate™

Raises carbonate alkalinity (KH)

Concentrated (4,000 mg/L)

Made with a blend of carbonate and bicarbonate salts

Reef Carbonate™ is a concentrated (4,000 meq/L) optimized blend of carbonate and bicarbonate salts designed to restore and maintain alkalinity in the reef aquarium. Calcium and carbonates are essential to all coral growth. If either becomes deficient, coral growth will cease, followed by a rapid decline in coral health. To prevent this you must provide carbonates (Reef Carbonate™) and calcium (Reef Advantage Calcium™ or Reef Complete®).

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 665 | 100 mL / 3.4 fl. oz. | 25        | 000116066501 |  0 00116 06650 1 |
| 666 | 250 mL / 8.5 fl. oz. | 25        | 000116066600 |  0 00116 06660 0 |
| 663 | 500 mL / 17 fl. oz.  | 12        | 000116066303 |  0 00116 06630 3 |
| 668 | 2 L / 67.6 fl. oz.   | 4         | 000116066808 |  0 00116 06680 8 |
| 669 | 4 L / 1 fl. gal.     | 2         | 000116066907 |  0 00116 06690 7 |
| 661 | 20 L / 5.3 fl. gal.  | 1         | 000116066105 |  0 00116 06610 5 |





## Reef Fusion™

Two part system that maintains calcium and alkalinity levels

Provides 100,000 mg/L of ionic calcium

Most concentrated two part system; simple 1:1 ratio

Reef Fusion 1™ and Reef Fusion 2™ are the foundation of a system formulated to provide the essentials for the reef aquarium. Reef Fusion 1™ provides calcium, while Reef Fusion 2™ provides alkalinity. When used together, the Reef Fusion™ system will maintain calcium and alkalinity levels.

|          | SKU  | Size                | Case Size | UPC          | Barcode         |
|----------|------|---------------------|-----------|--------------|-----------------|
| Fusion 1 | 1203 | 500 mL / 17 fl. oz. | 12        | 000116120302 | 0 00116 12030 2 |
|          | 1207 | 1 L / 34 fl. oz.    | 12        | 000116120708 | 0 00116 12070 8 |
|          | 1208 | 2 L / 67.6 fl. oz.  | 4         | 000116120807 | 0 00116 12080 7 |
|          | 1209 | 4 L / 1 fl. gal.    | 2         | 000116120906 | 0 00116 12090 6 |
|          | 1201 | 20 L / 5.3 fl. gal. | 1         | 000116120104 | 0 00116 12010 4 |
| Fusion 2 | 1213 | 500 mL / 17 fl. oz. | 12        | 000116121309 | 0 00116 12130 9 |
|          | 1217 | 1 L / 34 fl. oz.    | 12        | 000116121705 | 0 00116 12170 5 |
|          | 1218 | 2 L / 67.6 fl. oz.  | 4         | 000116121804 | 0 00116 12180 4 |
|          | 1219 | 4 L / 1 fl. gal.    | 2         | 000116121903 | 0 00116 12190 3 |
|          | 1211 | 20 L / 5.3 fl. gal. | 1         | 000116121101 | 0 00116 12110 1 |



## Reef Advantage Calcium™

Concentrated, powder ionic calcium supplement

Maintains magnesium and strontium

Can be added directly to aquarium

Reef Advantage Calcium™ is a non-caustic (pH 8.3–8.6) optimized blend of ionic calcium designed to restore and maintain calcium to levels found in natural seawater. Calcium and carbonates are essential to all coral growth. If either becomes deficient, coral growth will cease, followed by a rapid decline in coral health.

Reef Advantage Calcium™ also includes magnesium and strontium in amounts proportionate to typical utilization ratios (100:5:0.1, Ca:Mg:Sr). This allows one to maintain these two important elements while maintaining calcium. Unlike limewater (kalkwasser), Reef Advantage Calcium™ does not have a caustic pH and will not deplete magnesium. Used as directed, it will not deplete alkalinity.

| SKU | Size            | Case Size | UPC          | Barcode                                                                                               |
|-----|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 316 | 250 g / 8.8 oz  | 25        | 000116031608 |  0 00116 03160 8 |
| 313 | 500 g / 1.1 lbs | 12        | 000116031301 |  0 00116 03130 1 |
| 317 | 1 kg / 2.2 lbs  | 12        | 000116031707 |  0 00116 03170 7 |
| 319 | 4 kg / 8.8 lbs  | 1         | 000116031905 |  0 00116 03190 5 |
| 311 | 20 kg / 44 lbs  | 1         | 000116031103 |  0 00116 03110 3 |



## Reef Calcium™

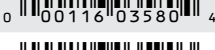
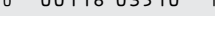
Liquid organic calcium source

Maintains calcium and accelerates coral growth

Concentrated (50,000 mg/L)

Reef Calcium™ is a concentrated (50,000 mg/L) bioavailable polygluconate complexed calcium intended to maintain calcium in the reef aquarium without altering pH. Additionally, polygluconate contains no nitrogen or phosphorous, thus it is biologically impossible for it to lead to algae growth in a properly maintained reef system.

Reef Calcium™ may be used alone to maintain calcium but will provide enhanced levels of coral growth when used in conjunction with an ionic calcium supplement (Reef Complete®, Reef Advantage Calcium™). Reef Calcium™ is intended to maintain calcium levels; if calcium becomes seriously depleted one should either perform a water change or use an ionic calcium supplement to restore the depleted level of calcium.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 355 | 100 mL / 3.4 fl. oz. | 25        | 000116035507 |  0 00116 03550 7 |
| 356 | 250 mL / 8.5 fl. oz. | 25        | 000116035606 |  0 00116 03560 6 |
| 353 | 500 mL / 17 fl. oz.  | 12        | 000116035309 |  0 00116 03530 9 |
| 358 | 2 L / 67.6 fl. oz.   | 4         | 000116035804 |  0 00116 03580 4 |
| 359 | 4 L / 1 fl. gal.     | 2         | 000116035903 |  0 00116 03590 3 |
| 351 | 20 L / 5.3 fl. gal.  | 1         | 000116035101 |  0 00116 03510 1 |



## Reef Complete®

Liquid ionic calcium source

Most concentrated stable calcium supplement on the market (160,000 mg/L)

100% soluble. Be wary of products that are milky white or need to be shaken

Reef Complete® is a concentrated (160,000 mg/L) optimized blend of ionic calcium designed to restore and maintain calcium to levels found in natural seawater without affecting pH. Calcium and carbonates are essential to all coral growth. If either becomes deficient, coral growth will cease, followed by a rapid decline in coral health. To prevent this you must provide calcium (Reef Complete®) and carbonates (Reef Builder™ or Reef Carbonate™).

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 335 | 100 mL / 3.4 fl. oz. | 25        | 000116033503 |  0 00116 03350 3 |
| 336 | 250 mL / 8.5 fl. oz. | 25        | 000116033602 |  0 00116 03360 2 |
| 333 | 500 mL / 17 fl. oz.  | 12        | 000116033305 |  0 00116 03330 5 |
| 338 | 2 L / 67.6 fl. oz.   | 4         | 000116033800 |  0 00116 03380 0 |
| 339 | 4 L / 1 fl. gal.     | 2         | 000116033909 |  0 00116 03390 9 |
| 331 | 20 L / 5.3 fl. gal.  | 1         | 000116033107 |  0 00116 03310 7 |



## Reef Kalkwasser™

Maintains calcium

Very pure calcium hydroxide

Ideal for increasing calcium in top-off water

Increases pH with no impact on carbonate alkalinity

Reef Kalkwasser™ is a pure calcium hydroxide with unsurpassed purity and solubility characteristics. Calcium hydroxide is used to prepare limewater (kalkwasser) solutions that will maintain calcium concentrations at natural seawater levels. Kalkwasser solutions maintain calcium directly and carbonate alkalinity indirectly. However, its capacity to perform these functions is dependent on evaporation rate and CO<sub>2</sub> concentration. If these two factors are insufficient you can provide additional calcium with Reef Advantage Calcium™, Reef Complete™, or Reef Calcium™, and carbonate alkalinity with Reef Builder™ or Reef Carbonate™ (do not mix these directly with a kalkwasser solution).

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 393 | 250 g / 8.8 oz   | 12        | 000116039307 |  0 00116 03930 7 |
| 397 | 500 g / 1.1 lbs  | 12        | 000116039703 |  0 00116 03970 3 |
| 398 | 1 kg / 2.2 lbs   | 4         | 000116039802 |  0 00116 03980 2 |
| 399 | 2 kg / 4.4 lbs   | 1         | 000116039901 |  0 00116 03990 1 |
| 391 | 12 kg / 26.4 lbs | 1         | 000116039109 |  0 00116 03910 9 |



## Reef Reactor™

High-purity calcium reactor media

Provides calcium, magnesium, strontium, and potassium

Available in 0.5-1 cm and 1-3 cm grain sizes

Reef Reactor™ is a high-purity source of aragonite, which supplies all important elements for optimal ionic balance and robust coral growth and coloration in reef aquaria. It is intended for use in calcium reactors where it is dissolved slowly with the addition of CO<sub>2</sub>. As it dissolves, it provides calcium, magnesium, strontium, potassium, and carbonates among other important elements for reef aquaria. It is excellent at increasing and stabilizing alkalinity, which also supports a stable pH and encourages the rapid formation of coral skeletal material. With high levels of both calcium and magnesium, it offers an excellent means of balanced supplementation for rapid growth and propagation of corals and calcareous animals in reef aquaria. It possesses the highest level of soluble potassium of all competing brands while exhibiting the lowest levels of both aluminum and phosphorus.

|                 | SKU  | Size                        | Case Size | UPC          | Barcode                                                                                 |
|-----------------|------|-----------------------------|-----------|--------------|-----------------------------------------------------------------------------------------|
| Reef Reactor Md | 1531 | 2 L / 122 in <sup>3</sup>   | 4         | 000116015318 |  8 |
|                 | 1532 | 4 L / 244 in <sup>3</sup>   | 1         | 000116015325 |  5 |
|                 | 1533 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116015332 |  2 |
| Reef Reactor Lg | 1541 | 2 L / 67.6 fl. oz.          | 4         | 000116015417 |  7 |
|                 | 1542 | 4 L / 244 in <sup>3</sup>   | 1         | 000116015424 |  4 |
|                 | 1543 | 20 L / 0.70 ft <sup>3</sup> | 1         | 000116015431 |  1 |



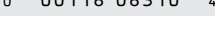
## Reef Advantage Magnesium™

Concentrated, blended, ionically balanced  
magnesium source

Contains NO Ammonia

Vitally important in preventing ionic imbalance

Reef Advantage Magnesium™ is a concentrated (80,000 ppm) optimized blend of magnesium, chloride, and sulfate salts designed to restore depleted levels of magnesium with minimal impact to the ionic ratios found in natural sea water. Reef Advantage Magnesium™ contains no ammonia. This is a common contaminant in every liquid magnesium supplement on the market.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 636 | 300 g / 10.6 oz  | 25        | 000116063609 |  0 00116 06360 9 |
| 633 | 600 g / 1.3 lbs  | 12        | 000116063302 |  0 00116 06330 2 |
| 637 | 1.2 kg / 2.6 lbs | 12        | 000116063708 |  0 00116 06370 8 |
| 638 | 2.2 kg / 4.8 lbs | 4         | 000116063807 |  0 00116 06380 7 |
| 639 | 4 kg / 8.8 lbs   | 1         | 000116063906 |  0 00116 06390 6 |
| 631 | 20 kg / 44 lbs   | 1         | 000116063104 |  0 00116 06310 4 |



## Reef Strontium™

Concentrated strontium supplement  
(10,000 mg/L)

Restores and maintains strontium to levels  
found in natural sea water

Strontium gluconate

Reef Strontium™ is intended to restore and maintain strontium to levels found in natural seawater without affecting pH. Strontium is utilized in the same manner as calcium and holds a similar importance in maintaining a vigorous level of growth.

Reef Strontium™ contains 10,000 mg/L of available strontium as a gluconate complex. Gluconate complexation confers several benefits: it increases the bioavailability of the strontium, it provides a rich source of metabolic energy to help maintain peak coral growth, and it inhibits strontium precipitation/alkalinity depletion. Gluconate contains no nitrogen or phosphorous, thus it is biologically impossible for it to lead to algae growth in a properly maintained reef system.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 375 | 100 mL / 3.4 fl. oz. | 25        | 000116037501 |  0 00116 03750 1 |
| 376 | 250 mL / 8.5 fl. oz. | 25        | 000116037600 |  0 00116 03760 0 |
| 373 | 500 mL / 17 fl. oz.  | 12        | 000116037303 |  0 00116 03730 3 |
| 379 | 4 L / 1 fl. gal.     | 2         | 000116037907 |  0 00116 03790 7 |
| 371 | 20 L / 5.3 fl. gal.  | 1         | 000116037105 |  0 00116 03710 5 |





## Reef Advantage Strontium™

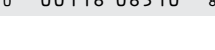
Restores and maintains strontium to levels found in natural sea water

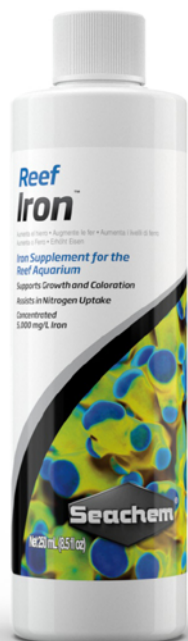
Dry strontium chloride

Vitally important in preventing ionic imbalance

Reef Advantage Strontium™ restores and maintains strontium to levels found in natural sea water. Strontium is utilized by corals in the same manner as calcium and holds a similar importance in maintaining a vigorous level of growth. It is most useful in densely populated aquariums requiring a continuous supply of strontium. Reef Advantage Strontium™ is a highly concentrated (30,000 ppm), ionically balanced strontium supplement.

Unlike other strontium chloride products, Reef Advantage Strontium™ is formulated so that it can be added directly to the aquarium. Competing products require one to mix a separate solution before adding it to the system.

| SKU | Size             | Case Size | UPC          | Barcode                                                                                               |
|-----|------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 654 | 70 g / 2.5 oz    | 25        | 000116065405 |  0 00116 06540 5 |
| 656 | 300 g / 10.6 oz  | 25        | 000116065603 |  0 00116 06560 3 |
| 653 | 600 g / 1.3 lbs  | 12        | 000116065306 |  0 00116 06530 6 |
| 657 | 1.2 kg / 2.6 lbs | 12        | 000116065702 |  0 00116 06570 2 |
| 659 | 4 kg / 8.8 lbs   | 1         | 000116065900 |  0 00116 06590 0 |
| 651 | 20 kg / 44 lbs   | 1         | 000116065108 |  0 00116 06510 8 |



## Reef Iron™

Iron Supplement for the Reef Aquarium

Supports Growth and Coloration

Assists in Nitrogen Uptake

Concentrated 5,000 mg/L Iron

Iron is an essential element required in metabolic processes, protein synthesis, and growth of corals and macroalgae. Iron supplementation can enhance coral and macroalgae growth and color – particularly yellow and green colors in corals. In systems supported with nitrogen and phosphorous supplementation, iron utilization rates may be increased as iron assists in assimilation of nitrogen. Supplementing with Reef Iron™ provides a safe means of increasing iron concentrations. Reef Iron™ is ideally suited for use with an aquavitro® sentia™ dose doser to maintain iron at a consistent concentration based on your aquarium's unique demand but is easily dosed manually as well. Ideal iron levels will vary but natural seawater generally ranges from 0.003 – 0.01 mg/L iron. Reef aquariums are often kept at higher levels for optimal coloration and growth. For optimal macro algae growth, many find 0.05 – 0.1 mg/L to be beneficial. Use Reef Nitrogen™, Reef Phosphorous™ and Reef Potassium™ to maintain optimal nitrogen, phosphorous and potassium levels.

| SKU | Size                 | Case Size | UPC          | Barcode         |
|-----|----------------------|-----------|--------------|-----------------|
| 545 | 100 mL / 3.4 fl. oz. | 25        | 000116005456 | 0 00116 00545 6 |
| 546 | 250 mL / 8.5 fl. oz. | 25        | 000116005463 | 0 00116 00546 3 |
| 543 | 500 mL / 17 fl. oz.  | 12        | 000116005418 | 0 00116 00541 8 |
| 548 | 2 L / 67.6 fl. oz.   | 4         | 000116005487 | 0 00116 00548 7 |
| 549 | 4 L / 1 fl. gal.     | 2         | 000116005494 | 0 00116 00549 4 |
| 541 | 20 L / 5.3 fl. gal.  | 1         | 000116005418 | 0 00116 00541 8 |



## Reef Nitrogen™

Nitrogen Supplement for the Reef Aquarium

Concentrated 25,000 mg/L Nitrogen  
(110,750 mg/L Nitrate)

Nitrogen is an essential element required in metabolic processes, protein synthesis, and growth of corals and macroalgae. Research suggests a tightly closed nitrogen cycle on reefs where concentrations are higher in micro-zones near the corals (Radecker 2015, Wiedenmann, 2023) than in the surrounding water. It is important to maintain nitrogen levels along with phosphorus levels in order to allow for optimal growth and coloration of corals and macroalgae. Supplementing with inorganic nitrogen provides a targeted means of increasing nitrogen without also adding phosphate or dissolved organics. A typical nitrate test will show all forms of nitrogen being added by Reef Nitrogen™. Reef Nitrogen™ is ideally suited for use with an aquavitro® sentia™ dose doser to maintain nitrogen at consistent concentration based on your aquarium's unique demand. Reef Nitrogen™ is easily dosed manually as well. Ideal nitrogen levels will vary but generally range from 1 – 2 mg/L (4.4 – 8.9 mg/L nitrate).

| SKU  | Size                 | Case Size | UPC          | Barcode         |
|------|----------------------|-----------|--------------|-----------------|
| 1285 | 100 mL / 3.4 fl. oz. | 25        | 000116012850 | 0 00116 01285 0 |
| 1286 | 250 mL / 8.5 fl. oz. | 25        | 000116012867 | 0 00116 01286 7 |
| 1283 | 500 mL / 17 fl. oz.  | 12        | 000116012836 | 0 00116 01283 6 |
| 1288 | 2 L / 67.6 fl. oz.   | 4         | 000116012881 | 0 00116 01288 1 |
| 1289 | 4 L / 1 fl. gal.     | 2         | 000116012898 | 0 00116 01289 8 |
| 1281 | 20 L / 5.3 fl. gal.  | 1         | 000116012829 | 0 00116 01282 9 |



## Reef Phosphorus™

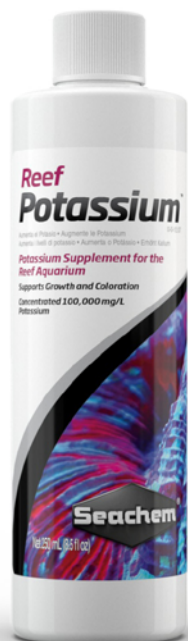
Phosphorus Supplement for the Reef Aquarium

Supports Growth and Coloration

Concentrated 3,500 mg/L Phosphate

Phosphorus is an essential element required in metabolic processes, protein synthesis, and growth of corals and macroalgae. It is important to maintain phosphorus levels along with nitrogen levels in order to allow for optimal growth and coloration of corals and macroalgae. Supplementing with Reef Phosphorus™ provides a targeted means of increasing phosphorus concentrations effectively without also adding dissolved organics. Reef Phosphorus is ideally suited for use with an aquavitro® sentia™ dose doser to maintain phosphorus at consistent concentration based on your aquarium's unique demand. Reef Phosphorus™ is easily dosed manually as well. Ideal phosphorus levels will vary but generally range from 0.02 - 0.05 mg/L phosphate. Reef Phosphorus™ contains 0.117% elemental phosphorus. Use Seachem's Reef Nitrogen™ to achieve a balance of nitrogen and phosphorus levels for optimal results.

| SKU  | Size                 | Case Size | UPC          | Barcode         |
|------|----------------------|-----------|--------------|-----------------|
| 1295 | 100 mL / 3.4 fl. oz. | 25        | 000116012959 | 0 00116 01295 9 |
| 1296 | 250 mL / 8.5 fl. oz. | 25        | 000116012966 | 0 00116 01296 6 |
| 1293 | 500 mL / 17 fl. oz.  | 12        | 000116012935 | 0 00116 01293 5 |
| 1298 | 2 L / 67.6 fl. oz.   | 4         | 000116012980 | 0 00116 01298 0 |
| 1299 | 4 L / 1 fl. gal.     | 2         | 000116012997 | 0 00116 01299 7 |
| 1291 | 20 L / 5.3 fl. gal.  | 1         | 000116012911 | 0 00116 01291 1 |



## Reef Potassium™

Potassium Supplement for the Reef Aquarium

Supports Growth and Coloration

Concentrated 100,000 mg/L Potassium

Potassium is an essential element required in metabolic processes, protein synthesis, and growth of corals and macroalgae. In many reef aquariums, potassium supplementation can enhance coral and macroalgae growth and color – particularly red and pink colors in corals. In systems supported with nitrogen and phosphorus supplementation, potassium utilization rates may be increased. Supplementing with Reef Potassium™ provides a targeted means of increasing potassium concentrations effectively without also adding phosphate or dissolved organics. Reef Potassium™ is ideally suited for use with an aquavitro® sentia™ dose doser to maintain potassium at consistent concentration based on your aquarium's unique demand but is easily dosed manually as well. Ideal potassium levels will vary but generally range from 380 - 400 mg/L potassium. Reef Potassium™ contains 10% elemental potassium. Use Reef Nitrogen™ and Reef Phosphorus™ to maintain optimal nitrogen and phosphorous levels.

| SKU  | Size                 | Case Size | UPC          | Barcode         |
|------|----------------------|-----------|--------------|-----------------|
| 1305 | 100 mL / 3.4 fl. oz. | 25        | 000116013055 | 0 00116 01305 5 |
| 1306 | 250 mL / 8.5 fl. oz. | 25        | 000116013062 | 0 00116 01306 2 |
| 1303 | 500 mL / 17 fl. oz.  | 12        | 000116013031 | 0 00116 01303 1 |
| 1308 | 2 L / 67.6 fl. oz.   | 4         | 000116013086 | 0 00116 01308 6 |
| 1309 | 4 L / 1 fl. gal.     | 2         | 000116013093 | 0 00116 01309 3 |
| 1301 | 20 L / 5.3 fl. gal.  | 1         | 000116013017 | 0 00116 01301 7 |



## Reef Pack™ NPK

Includes Reef Nitrogen™, Reef Phosphorus™, and Reef Potassium™

Provides nitrogen, phosphorus, and potassium

Supports Growth and Coloration

The Reef Pack™ NPK takes reef supplementation to the next level. In many reef aquariums, supplementation with nitrogen, phosphorus, and potassium can enhance coral and macroalgae growth and color.

It is important to maintain nitrogen levels along with phosphorous levels in order to allow for optimal growth and coloration of corals and macroalgae. Supplementing with inorganic nitrogen provides a targeted means of increasing nitrogen without also adding phosphate or dissolved organics.

Phosphorous is an essential element required in metabolic processes, protein synthesis, and growth of corals and macroalgae. Supplementing with Reef Phosphorus™ provides a targeted means of increasing phosphorous concentrations effectively without also adding dissolved organics.

Potassium is an essential element required in metabolic processes, protein synthesis, and growth of corals and macroalgae. Supplementing with Reef Potassium™ provides a targeted means of increasing potassium concentrations effectively without also adding phosphate or dissolved organics.

| SKU  | Size                        | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 1340 | 3 - 100 mL/3.4 fl. oz. Pack | 12        | 000116013406 |  |



## Reef Iodide™

Stabilized potassium iodide source

Safe and easy to use

Important for soft tissue growth

Iodide is an important element required by invertebrates and many soft corals (gorgonians, sarcophytons, etc). Reef Iodide™ is a concentrated (8,000 mg/L) stabilized potassium iodide source for reef aquaria that will restore and maintain iodide levels to those found in natural sea water. It is formulated to provide a safe source of iodide that will not convert to toxic free iodine under storage or reef conditions. Iodine is as toxic as chlorine and should never be used in a reef system. However, iodide is as safe as chloride.

| SKU | Size                 | Case Size | UPC          | Barcode         |
|-----|----------------------|-----------|--------------|-----------------|
| 555 | 100 mL / 3.4 fl. oz. | 25        | 000116055505 | 0 00116 05550 5 |
| 556 | 250 mL / 8.5 fl. oz. | 25        | 000116055604 | 0 00116 05560 4 |
| 553 | 500 mL / 17 fl. oz.  | 12        | 000116055307 | 0 00116 05530 7 |
| 558 | 2 L / 67.6 fl. oz.   | 4         | 000116055802 | 0 00116 05580 2 |
| 559 | 4 L / 1 fl. gal.     | 2         | 000116055901 | 0 00116 05590 1 |
| 551 | 20 L / 5.3 fl. gal.  | 1         | 000116055109 | 0 00116 05510 9 |



## Marine Trace™

Supplies a broad range of trace elements for saltwater fish

Contains only those elements actually demonstrated to be required by marine fish.

Marine Trace™ supplies a broad range of trace elements demonstrated to be necessary for proper fish health and growth. Unlike terrestrial animals, fish obtain nutrients from both their food and environment. Trace elements are normally depleted by utilization, oxidation and precipitation, thus it is important to restore them on a regular basis. Marine Trace™ contains only those elements actually demonstrated to be required by fish.

\*Nutrient Requirements of Fish, National Academy of Sciences, pp. 16-21,1993.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                               |
|-----|----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 796 | 250 mL / 8.5 fl. oz. | 25        | 000116079600 |  |
| 793 | 500 mL / 17 fl. oz.  | 12        | 000116079303 |  |
| 799 | 4 L / 1 fl. gal.     | 2         | 000116079907 |  |
| 791 | 20 L / 5.3 fl. gal.  | 1         | 000116079105 |  |





## Reef Trace™

Supplies a broad range of trace elements for the reef aquarium

May be used alone or in conjunction with Reef Plus™

Nitrate/phosphate free

Reef Trace™ supplies a broad range of trace elements demonstrated to be necessary for proper reef health and growth. Trace elements are normally depleted by utilization, oxidation and precipitation. The latter two processes occur more rapidly than with other micronutrients. This makes it important to restore trace elements on a regular basis. Reef Trace™ may be used alone or in conjunction with Reef Plus™. Best results are obtained when both are used. Reef Trace™ is nitrate/phosphate free.

| SKU | Size                 | Case Size | UPC          | Barcode         |
|-----|----------------------|-----------|--------------|-----------------|
| 735 | 100 mL / 3.4 fl. oz. | 25        | 000116073509 | 0 00116 07350 9 |
| 736 | 250 mL / 8.5 fl. oz. | 25        | 000116073608 | 0 00116 07360 8 |
| 733 | 500 mL / 17 fl. oz.  | 12        | 000116073301 | 0 00116 07330 1 |
| 738 | 2 L / 67.6 fl. oz.   | 4         | 000116073806 | 0 00116 07380 6 |
| 739 | 4 L / 1 fl. gal.     | 2         | 000116073905 | 0 00116 07390 5 |
| 731 | 20 L / 5.3 fl. gal.  | 1         | 000116073103 | 0 00116 07310 3 |



## Reef Plus™

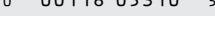
Concentrated vitamin and amino acid supplement for the reef aquarium

Contains a broad spectrum of vitamins, trace minerals, amino acids and fatty acids vital to fish and coral health

Add directly to the aquarium

Reef Plus™ is a full spectrum reef supplement containing trace elements, vitamins, and amino acids demonstrated to have a positive impact on the growth of corals and other desirable reef creatures.

Reef Plus™ is formulated to provide nutrients available from natural tropical reef waters. Contains vitamin B12, vitamin C, thiamine, inositol, choline, iodide, and other essential constituents. Reef Plus™ is nitrate/phosphate free.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 535 | 100 mL / 3.4 fl. oz. | 25        | 000116053501 |  0 00116 05350 1 |
| 536 | 250 mL / 8.5 fl. oz. | 25        | 000116053600 |  0 00116 05360 0 |
| 533 | 500 mL / 17 fl. oz.  | 12        | 000116053303 |  0 00116 05330 3 |
| 538 | 2 L / 67.6 fl. oz.   | 4         | 000116053808 |  0 00116 05380 8 |
| 539 | 4 L / 1 fl. gal.     | 2         | 000116053907 |  0 00116 05390 7 |
| 531 | 20 L / 5.3 fl. gal.  | 1         | 000116053105 |  0 00116 05310 5 |



## Reef Phytoplankton™

Unique blend of green and brown phytoplankton

Size ranges from 1-20 µm

Enhanced to increase the bioavailability of important nutrients

Reef Phytoplankton™ is a concentrated blend of green and brown marine phytoplankton designed to provide the essential fatty acids, proteins, vitamins, amino acids, with biological carotenoids for invertebrate diet. Size ranges from 1-20 µm to feed a broad range of tropical marine aquarium filter feeders and invertebrates. Reef Phytoplankton™ contains a natural source of carotenoids which provides essential proteins as well as a more bioavailable source of pigmentation when compared to other natural sources and synthetic pigments. Carotenoids provide the extra benefit of antioxidant activity.

It is blended to contain the proper ratio of fatty acids, carbohydrates, and proteins. Blending phytoplankton yields better nutritional value. Studies \* show increased consumption of phytoplankton in filter feeders when using mixed cultures versus a single culture of phytoplankton.

\*Villa, B. Rico, Le Coz, J. R., Mingant, C., and Robert, R. (2006). Aquaculture. 256, 377-388.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1506 | 250 mL / 8.5 fl. oz. | 25        | 000116150606 |  0 00116 15060 6 |
| 1503 | 500 mL / 17 fl. oz.  | 12        | 000116150309 |  0 00116 15030 9 |
| 1508 | 2 L / 67.6 fl. oz.   | 4         | 000116150804 |  0 00116 15080 4 |
| 1509 | 4 L / 1 fl. gal.     | 2         | 000116150903 |  0 00116 15090 3 |
| 1501 | 20 L / 5.3 fl. gal.  | 1         | 000116150101 |  0 00116 15010 1 |



## Reef Zoo Plankton™

Unique blend of marine zooplankton

Size ranges from 12.5-500 µm

Enhanced to increase the bioavailability of important nutrients

Reef Zoo Plankton™ is a concentrated blend of marine zooplankton designed to provide the essential fatty acids, proteins, vitamins, amino acids, with biological carotenoids for coral growth. The particle size range is 12.5-500 µm to feed a broad range of marine aquarium inhabitants.

Reef Zoo Plankton™ contains a natural source of carotenoids which provides essential proteins as well as a more bioavailable source of pigmentation when compared to other natural sources and synthetic pigments. Carotenoids provide the extra benefit of antioxidant activity.

In addition, Reef Zoo Plankton™ is enhanced to increase the bioavailability of important nutrients such as proteins, lipids, B vitamins, and other organic pigments, thus, corals expend less energy to derive the nutritional benefit. It is blended to contain proper ratio of fatty acids, carbohydrates, and proteins.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 1516 | 250 mL / 8.5 fl. oz. | 25        | 000116151603 |  0 00116 15160 3 |
| 1513 | 500 mL / 17 fl. oz.  | 12        | 000116151306 |  0 00116 15130 6 |
| 1518 | 2 L / 67.6 fl. oz.   | 4         | 000116151801 |  0 00116 15180 1 |
| 1519 | 4 L / 1 fl. gal.     | 2         | 000116151900 |  0 00116 15190 0 |
| 1511 | 20 L / 5.3 fl. gal.  | 1         | 000116151108 |  0 00116 15110 8 |



## Reef Dip™

Coral disinfectant

Elemental iodine complex, disinfects corals

Good for use before introducing new corals

Reef Dip™ contains elemental iodine complexed to a protective slime coat for safely and gently disinfecting corals. It is effective against bacteria, fungus, and protozoans. It may be used prophylactically (without evidence of disease) or to remedy diseased specimens. It is safe to use with both stony and soft corals. It is also safe for anemones and polyps.

Reef Dip™ provides a protective slime coat complex that covers the coral, holding the iodine in contact with the infected site for extended periods of time. In addition, the slime coat prevents infection from re-entering the site.

| SKU | Size                 | Case Size | UPC          | Barcode                                                                                               |
|-----|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 615 | 100 mL / 3.4 fl. oz. | 25        | 000116061506 |  0 00116 06150 6 |
| 616 | 250 mL / 8.5 fl. oz. | 25        | 000116061605 |  0 00116 06160 5 |
| 613 | 500 mL / 17 fl. oz.  | 12        | 000116061308 |  0 00116 06130 8 |
| 619 | 4 L / 1 fl. gal.     | 2         | 000116061902 |  0 00116 06190 2 |
| 611 | 20 L / 5.3 fl. gal.  | 1         | 000116061100 |  0 00116 06110 0 |



## Coral Plugs™

Secure base for freshly cut corals and polyps

Contain calcium and magnesium sources for rapid growth

Unique shape aids overgrowth of encrusting coral or polyps

Seachem's Coral Plugs™ are a chemically advanced means of supplying a unique platform for the stable mounting and/or growth of all coral fragments and colonies. They are enhanced with calcium and magnesium to aid corals in rapid and secure growth. They are designed for mounting SPS and LPS coral but are just as well suited for soft corals, colonial polyps, and various other sessile invertebrates. They are also designed to mesh together tightly when used in most coral culture systems so that various encrusting and colonial corals, such as zoanthids can spread quickly from plug to plug.

| SKU  | Item           | Size     | Case Size | UPC          | Barcode         |
|------|----------------|----------|-----------|--------------|-----------------|
| 1502 | Coral Plugs    | 12 Count | 24        | 000116015028 | 0 00116 01502 8 |
| 1507 | Coral Plugs Lg | 12 Count | 24        | 000116015073 | 0 00116 01507 3 |



## CoralCrete™

Epoxy adhesive for securing coral to rockwork

Fully cures within 24 hours

Matches synthetic reef rock

Marine and freshwater

Seachem CoralCrete™ is two-part epoxy putty that can be used to secure coral to rockwork or to fuse together rockwork for more stable foundations in reef aquaria. It has a working time of 5 minutes which allows for plenty of work time while also quickly securing coral or rock. CoralCrete™ is ideal for working with larger colonies of branching coral, most large polyp coral or adhering plating coral to rockwork. CoralCrete™ is safe for aquarium inhabitants when used as directed.

|        | SKU  | Size          | Case Size | UPC          | Barcode         |
|--------|------|---------------|-----------|--------------|-----------------|
| Gray   | 3120 | 57 g / 2 oz.  | 24        | 000116031202 | 0 00116 03120 2 |
|        | 3121 | 114 g / 4 oz. | 24        | 000116031219 | 0 00116 03121 9 |
| Purple | 3122 | 57 g / 2 oz.  | 24        | 000116031226 | 0 00116 03122 6 |
|        | 3123 | 114 g / 4 oz. | 24        | 000116031233 | 0 00116 03123 3 |



# Reef Glue™

Cyanoacrylate adhesive

Mount coral frags and colonies to reef rock and plugs

Bonds within seconds even underwater

New formula is 17x thicker allowing for more control and less mess

Reef Glue™ is a superior cyanoacrylate gel for gluing and mounting coral frags and colonies to reef rock or plugs. It bonds within seconds and has excellent control, hold and durability characteristics. It can even be used underwater.

Reef Glue™ can be used for any aquascaping in freshwater or saltwater aquariums or for any plastics repairs. Reef Glue™ won't dry up in the tube; it comes in an aluminum tube for extended stability beyond products contained in plastic bottles.

| SKU  | Size          | Case Size | UPC          | Barcode                                                                                               |
|------|---------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 3115 | 20 g / 0.7 oz | 24        | 000116311502 |  0 00116 31150 2 |





## seed™

Beneficial bacteria supplement

Rapidly and safely establishes the aquarium bio-filter

Synergistic blend of aerobic, anaerobic, and facultative bacteria

aquavetro® seed™ will rapidly and safely establish the aquarium biofilter in freshwater and marine systems, thereby preventing the #1 cause of fish death: “new tank syndrome”. seed™ is formulated specifically for the aquarium and contains a synergistic blend of aerobic, anaerobic, and facultative bacteria which facilitate the breakdown of waste organics, ammonia, nitrates and nitrites.

The species of bacteria in seed™ are a unique blend, specifically developed for hardiness and their ability to adapt to a wide variety of environmental conditions. The strains thrive in both fresh and saltwater. seed™ contains both nitrifying and denitrifying bacteria, a blend found in no other product. Additionally, seed™ contains facultative bacterial strains which are able to adapt to either aerobic or anaerobic conditions.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7700 | 150 mL / 5 fl. oz.    | 25        | 000116770002 |  0 00116 77000 2 |
| 7701 | 350 mL / 11.8 fl. oz. | 25        | 000116770101 |  0 00116 77010 1 |
| 7702 | 1 L / 34 fl. oz.      | 12        | 000116770200 |  0 00116 77020 0 |
| 7703 | 4 L / 1 fl. gal.      | 2         | 000116770309 |  0 00116 77030 9 |
| 7704 | 20 L / 5.3 fl. gal.   | 1         | 000116770408 |  0 00116 77040 8 |



## remediation™

Beneficial bacteria supplement

Natural organic waste management

Rapidly and safely breaks down excess food, sludge, waste and detritus

Naturally cleans substrate

aquavitro® remediation™ uses bio-augmentation, a natural and non-chemical method, to improve water quality. It provides bacteria that break down excess food, waste and detritus in freshwater and marine systems. It will also reduce excess nutrients (e.g. ammonia, nitrates, nitrites and phosphates) that may fuel the growth of nuisance and disease-causing organisms.

| SKU  | Size                  | Case Size | UPC          | Barcode         |
|------|-----------------------|-----------|--------------|-----------------|
| 7710 | 150 mL / 5 fl. oz.    | 25        | 000116771009 | 0 00116 77100 9 |
| 7711 | 350 mL / 11.8 fl. oz. | 25        | 000116771108 | 0 00116 77110 8 |
| 7712 | 1 L / 34 fl. oz.      | 12        | 000116771207 | 0 00116 77120 7 |
| 7713 | 4 L / 1 fl. gal.      | 2         | 000116771306 | 0 00116 77130 6 |
| 7714 | 20 L / 5.3 fl. gal.   | 1         | 000116771405 | 0 00116 77140 5 |



## biogen™

Reduces nitrate and phosphate

Carbon-based biopolymer (PHA)

For use in a fluidized bed reactor

biogen™ is a carbon-based biopolymer (PHA) designed to reduce nitrate and phosphate. In a fluidized bed reactor, it will support the growth of bacteria that consume nitrate and phosphate over 10% more efficiently than the leading competitor. Reducing phosphate and nitrate can enhance coral coloration and reduce nuisance coatings of rock and decorations.

| SKU  | Size              | Case Size | UPC          | Barcode                                                                                               |
|------|-------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7591 | 225 mL / 13.7 in³ | 24        | 000116075916 |  0 00116 07591 6 |
| 7593 | 450 mL / 27.5 in³ | 12        | 000116075930 |  0 00116 07593 0 |
| 7594 | 750 mL / 45.7 in³ | 6         | 000116075947 |  0 00116 07594 7 |
| 7595 | 4 L / 244 in³     | 1         | 000116075954 |  0 00116 07595 4 |
| 7596 | 20 L / 0.70 ft³   | 1         | 000116075961 |  0 00116 07596 1 |



## purfiltrum™

Ultra high capacity organic waste removal

Removes soluble and insoluble organic impurities from water 5 to 10 times faster and more completely than all other competing products

Regenerable

purfiltrum™ is a unique macro-porous synthetic polymer that removes soluble and insoluble organic impurities from water 5 to 10 times faster and more completely than all other competing products. **It is the highest capacity organic filtration resin on the market outperforming even Seachem Purigen®, binding 10 to 15% more organic material.** purfiltrum™ controls ammonia, nitrites and nitrates by removing nitrogenous organic waste that would otherwise be converted into these harmful chemicals. purfiltrum™ will not reduce the levels of trace elements, and it significantly raises redox. It polishes water to unparalleled clarity. purfiltrum™ progressively darkens as it removes impurities, and is easily renewed by treating with bleach per recommended regeneration instructions. purfiltrum™ is designed for both marine and freshwater use.

| SKU  | Size                  | Case Size | UPC          | Barcode         |
|------|-----------------------|-----------|--------------|-----------------|
| 7751 | 100 mL bagged         | 24        | 000116077514 | 0 00116 07751 4 |
| 7752 | 225 mL / 13.7 in³     | 24        | 000116077521 | 0 00116 07752 1 |
| 7753 | 450 mL / 15.2 fl. oz. | 12        | 000116077538 | 0 00116 07753 8 |
| 7754 | 750 mL / 25.4 fl. oz. | 6         | 000116077545 | 0 00116 07754 5 |
| 7755 | 4 L / 1 fl. gal.      | 1         | 000116077552 | 0 00116 07755 2 |
| 7756 | 20 L / 5.3 fl. gal.   | 1         | 000116077569 | 0 00116 07756 9 |



## phosfiltrum™

Ultra high capacity (GFO) phosphate and silicate removal

Highest binding capacity of any phosphate remover per gram

Harder and less fragile than other GFO's

phosfiltrum™ is a specially formulated, high-density, granular ferric oxide (GFO). It will rapidly remove phosphates and silicates from both freshwater and saltwater and will not release them back into your aquarium. It is much harder and consequently much less fragile than other GFOs, so it will not break apart into fine particles in your tank. It has the highest binding capacity of any phosphate remover on the market, so it will last much longer before it needs to be replaced. Its distinctive dark brown color identifies it as the premier product in the industry.

| SKU  | Size            | Case Size | UPC          | Barcode         |
|------|-----------------|-----------|--------------|-----------------|
| 7720 | 50 g bagged     | 24        | 000116772006 | 0 00116 77200 6 |
| 7721 | 160 g / 5.6 oz. | 24        | 000116772105 | 0 00116 77210 5 |
| 7722 | 320 g / 11.2 oz | 12        | 000116772204 | 0 00116 77220 4 |
| 7723 | 550 g / 1.2 lbs |           | 000116772303 | 0 00116 77230 3 |
| 7724 | 3 kg / 6.6 lbs  | 1         | 000116772402 | 0 00116 77240 2 |
| 7725 | 15 kg / 33 lbs  | 1         | 000116772501 | 0 00116 77250 1 |



# activate™

Phosphorus supplement for plants

Concentrated (6,000 mg/L) phosphorus source

Activates vital chemical reactions within plants

activate™ is a concentrated (6,000 mg/L P) phosphorus source. When used as directed, activate™ will enhance and accelerate the growth of aquatic plants without enhancing algae growth. For maximum benefit, use with synthesis™.

activate™ is made with potassium salts of various phosphates, and is therefore a source of potassium as well. It contains 8,800 mg/L of potassium.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7616 | 150 mL / 5 fl. oz.    | 25        | 000116761604 |  0 00116 76160 4 |
| 7611 | 350 mL / 11.8 fl. oz. | 25        | 000116761109 |  0 00116 76110 9 |
| 7612 | 1 L / 34 fl. oz.      | 12        | 000116761208 |  0 00116 76120 8 |
| 7614 | 4 L / 1 fl. gal.      | 2         | 000116761406 |  0 00116 76140 6 |
| 7613 | 20 L / 5.3 fl. gal.   | 1         | 000116761307 |  0 00116 76130 7 |



## carbonate™

Raises carbonate hardness (KH)

Raises potassium

2000 meq/L (5600 dKH)

Carbonate hardness, (KH), is a measure of the bicarbonate & carbonate content of the water. Carbonate hardness contributes to pH stability and can also act as a CO<sub>2</sub> backup reserve if CO<sub>2</sub> levels fall too low.

carbonate™ is derived from potassium bicarbonate. It increases both carbonate hardness and potassium. The concentration of carbonate™ is 2000 meq/L (5600 dKH). In addition, it contains 78,300 mg/L potassium.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7626 | 150 mL / 5 fl. oz.    | 25        | 000116762601 |  0 00116 76260 1 |
| 7621 | 350 mL / 11.8 fl. oz. | 25        | 000116762106 |  0 00116 76210 6 |
| 7622 | 1 L / 34 fl. oz.      | 12        | 000116762205 |  0 00116 76220 5 |
| 7624 | 4 L / 1 fl. gal.      | 2         | 000116762403 |  0 00116 76240 3 |
| 7623 | 20 L / 5.3 fl. gal.   | 1         | 000116762304 |  0 00116 76230 4 |



# envy™

Comprehensive carbohydrate, vitamin, amino acid, and polyunsaturated fatty acid supplement for plants

envy™ is a comprehensive carbohydrate, vitamin, amino acid, and polyunsaturated fatty acid supplement that addresses the micro and trace nutritional requirements of plants. envy™ contains ascorbic acid in a base of chlorella that contains a rich assortment of amino acids and vitamins.

Chlorella is a unique algae that grows in fresh water. It is extremely high in enzymes, vitamins and minerals, including the full vitamin-B Complex. It is over-flowing with unsaturated fatty acids, amino acids, and proteins. There are also vitamins found in Chlorella including: Vitamin C, pro-vitamin A (B-carotene), thiamine (B1), riboflavin (B2), pyridoxine (B6), niacin, pantothenic acid, folic acid, Vitamin B12, biotin, choline, Vitamin K, lipoic acid, and inositol. Minerals in Chlorella include: phosphorus, calcium, zinc, iodine, magnesium, iron, and copper. It contains a higher level of amino acids than spirulina and is FDA approved for use with ornamental fish.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7636 | 150 mL / 5 fl. oz.    | 25        | 000116763608 |  |
| 7631 | 350 mL / 11.8 fl. oz. | 25        | 000116763103 |  |
| 7632 | 1 L / 34 fl. oz.      | 12        | 000116763202 |  |
| 7634 | 4 L / 1 fl. gal.      | 2         | 000116763400 |  |
| 7633 | 20 L / 5.3 fl. gal.   | 1         | 000116763301 |  |





# mineralize™

Blend of divalent salts designed to restore or increase general hardness (GH)

Standard dose raises GH by 1 meq/L (2.8 dKH)

General hardness is the divalent metal cation content of the water. In most water this is comprised primarily of calcium and magnesium. Soft water has a low concentration of dissolved divalent cations, hard water a high concentration.

mineralize™ is a blend of divalent salts designed to restore or increase general hardness.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7646 | 150 mL / 5 fl. oz.    | 25        | 000116764605 |  0 00116 76460 5 |
| 7641 | 350 mL / 11.8 fl. oz. | 25        | 000116764100 |  0 00116 76410 0 |
| 7642 | 1 L / 34 fl. oz.      | 12        | 000116764209 |  0 00116 76420 9 |
| 7644 | 4 L / 1 fl. gal.      | 2         | 000116764407 |  0 00116 76440 7 |
| 7643 | 20 L / 5.3 fl. gal.   | 1         | 000116764308 |  0 00116 76430 8 |



# premier™

Conditioner specifically designed for the planted aquarium

Removes chlorine and chloramine

Does not contain sodium

premier™ is a conditioner specifically designed for the planted aquarium. It removes chlorine and chloramines. premier™ is non-acidic and will not impact pH. Use at start-up and whenever adding or replacing water.

premier™ is a concentrated solution of potassium thiosulfate which removes both chlorine and chloramines. Although a thiosulfate-based conditioner is not recommended for saltwater aquaria because of the ammonia produced when it reacts with chloramines, it is perfect for the planted aquarium. The ammonia produced from chloramine by premier™ is predominantly in the ammonium form, and is thus rapidly scavenged by plants\*.

\*John P. Grazek, in Aquariology: Fish Diseases and Water Chemistry, Tetra Press, 1992

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7656 | 150 mL / 5 fl. oz.    | 25        | 000116765602 |  0 00116 76560 2 |
| 7651 | 350 mL / 11.8 fl. oz. | 25        | 000116765107 |  0 00116 76510 7 |
| 7652 | 1 L / 34 fl. oz.      | 12        | 000116765206 |  0 00116 76520 6 |
| 7654 | 4 L / 1 fl. gal.      | 2         | 000116765404 |  0 00116 76540 4 |
| 7653 | 20 L / 5.3 fl. gal.   | 1         | 000116765305 |  0 00116 76530 5 |



## propel™

Concentrated (10,000 mg/L) source of ferrous iron

Mixture of readily available and time-released iron

Converts existing ferric iron into ferrous form

propel™ is a concentrated (10,000 mg/L) source of ferrous iron. This ferrous iron is a mixture of readily available and time-released iron.

If iron is provided in the ferric form ( $\text{Fe}^{3+}$ ) then it must be reduced by the plant to the ferrous form ( $\text{Fe}^{2+}$ ) before it can be utilized. This process of conversion (known as reduction) requires the plant to expend physiological energy. propel™ provides iron already in the ferrous form thus enhancing iron utilization. In addition, propel™ contains a reducing agent that helps convert any iron present (such as iron from substrate) into the ferrous form.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7666 | 150 mL / 5 fl. oz.    | 25        | 000116766609 |  0 00116 76660 9 |
| 7661 | 350 mL / 11.8 fl. oz. | 25        | 000116766104 |  0 00116 76610 4 |
| 7662 | 1 L / 34 fl. oz.      | 12        | 000116766203 |  0 00116 76620 3 |
| 7664 | 4 L / 1 fl. gal.      | 2         | 000116766401 |  0 00116 76640 1 |
| 7663 | 20 L / 5.3 fl. gal.   | 1         | 000116766302 |  0 00116 76630 2 |



## synthesis™

Concentrated (30,000 mg/L) nitrogen source

Synthesis of ammoniacal, nitrate, and organic nitrogen

Use with activate™ to provide nitrogen and phosphorus in a 5:1 N:P ratio

Nitrogen comes in a variety of forms (nitrate, ammoniacal, urea). While plants can use all three forms the form that is preferred varies by species. Thus nitrogen supplements derived solely from just one form (nitrates) will not be as effective as a supplement that provides all three forms.

synthesis™ is a concentrated (30,000 mg/L N) nitrogen source. synthesis™ is unique in that it provides nitrogen in all three forms. Approximately 50% of the nitrogen in synthesis™ is derived from an organic source (urea), while the remaining nitrogen splits at about 25% each from nitrate and ammoniacal sources.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7606 | 150 mL / 5 fl. oz.    | 25        | 000116760607 |  0 00116 76060 7 |
| 7601 | 350 mL / 11.8 fl. oz. | 25        | 000116760102 |  0 00116 76010 2 |
| 7602 | 1 L / 34 fl. oz.      | 12        | 000116760201 |  0 00116 76020 1 |
| 7604 | 4 L / 1 fl. gal.      | 2         | 000116760409 |  0 00116 76040 9 |
| 7603 | 20 L / 5.3 fl. gal.   | 1         | 000116760300 |  0 00116 76030 0 |



## aquasolum™

Black humate derived soil

Ideal substrate for planted aquariums and shrimp nano-aquariums

Lowers pH and softens water

aquasolum™ is a lightweight, porous substrate derived from humate. Humate contains most of the known trace elements necessary for development of plant life because in its original state, it was plant life. Organic humate enhances root development and promotes chelation, a process by which insoluble matter is gradually processed for plant utilization. As a result, humate contains valuable plant nutritional substances not found in chemical fertilizers. Additionally, its tendency to lower pH and soften water makes it ideal for keeping freshwater shrimp.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                               |
|------|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7730 | 2 kg / 4.4 lbs | 6         | 000116773003 |  |
| 7731 | 4 kg / 8.8 lbs | 4         | 000116077316 |  |



## alpha™

Concentrated conditioner for reefs

Removes chlorine and chloramine

Detoxifies ammonia, nitrite, nitrate, and heavy metals

Most concentrated conditioner on the market

alpha™ is a concentrated conditioner for saltwater. **It is 50% more active than our Prime® and 375% more active than the next closest competitor.** alpha™ removes chlorine, chloramine and ammonia. It converts ammonia into a safe, non-toxic form that is readily utilized by beneficial bacteria and reef inhabitants such as clams. alpha™ may be used during tank cycling to alleviate ammonia/nitrite toxicity. alpha™ detoxifies nitrite and nitrate, allowing the biofilter to more efficiently remove them. alpha™ also promotes the production and regeneration of the natural slime coat on fish. alpha™ is non-acidic and will not impact pH, nor will it over activate skimmers. Use at start-up and whenever adding or replacing water.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7526 | 150 mL / 5 fl. oz.    | 25        | 000116752602 |  0 00116 75260 2 |
| 7521 | 350 mL / 11.8 fl. oz. | 25        | 000116752107 |  0 00116 75210 7 |
| 7525 | 1 L / 34 fl. oz.      | 12        | 000116752503 |  0 00116 75250 3 |
| 7524 | 4 L / 1 fl. gal.      | 2         | 000116752404 |  0 00116 75240 4 |
| 7523 | 20 L / 5.3 fl. gal.   | 1         | 000116752305 |  0 00116 75230 5 |



## balance™

Raises pH without affecting calcium and alkalinity

Balances the carbonate buffer system

Hydroxide blend

A frequent occurrence in reef systems is low pH, while calcium and alkalinity are at optimal levels. Raise one and the others may fall. One of the primary reasons for this is an improper carbonate/bicarbonate ratio. The buffer ratio changes as a natural consequence of the buffer's ability to counteract acidifying sources such as organic acids (produced naturally from waste) or introduced from non-pH controlled husbandry products. In this case, adding more buffer would unnecessarily result in a rise in alkalinity and a drop in calcium. The first product of its kind, balance™ ends this see-saw effect. It resets this ratio by converting bicarbonate into carbonate in order to reassert a higher pH without affecting calcium level.

| SKU  | Size                  | Case Size | UPC          | Barcode         |
|------|-----------------------|-----------|--------------|-----------------|
| 7516 | 150 mL / 5 fl. oz.    | 25        | 000116751605 | 0 00116 75160 5 |
| 7511 | 350 mL / 11.8 fl. oz. | 25        | 000116751100 | 0 00116 75110 0 |
| 7515 | 1 L / 34 fl. oz.      | 12        | 000116751506 | 0 00116 75150 6 |
| 7514 | 4 L / 1 fl. gal.      | 2         | 000116751407 | 0 00116 75140 7 |
| 7513 | 20 L / 5.3 fl. gal.   | 1         | 000116751308 | 0 00116 75130 8 |



# calcification™

A concentrated (140,000 mg/L) optimized blend of ionic and bioavailable gluconate-bound calcium

Prevents calcium precipitation/alkalinity depletion

Maintains peak coral growth

calcification™ is a concentrated (140,000 mg/L) optimized blend of ionic and bioavailable gluconate-complexed calcium designed to restore and maintain calcium to levels found in natural seawater, without affecting pH. These two forms of calcium are combined in calcification™ to provide the hobbyist with a convenient way to ensure peak coral growth and health.

Unlike competing products that require multi-day interval dosing when combined with carbonate supplements, calcification™ can be dosed daily and within minutes of our eight.four™ as well as the entire aquavitro reef line.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7556 | 150 mL / 5 fl. oz.    | 25        | 000116755603 |  0 00116 75560 3 |
| 7551 | 350 mL / 11.8 fl. oz. | 25        | 000116755108 |  0 00116 75510 8 |
| 7555 | 1 L / 34 fl. oz.      | 12        | 000116755504 |  0 00116 75550 4 |
| 7554 | 4 L / 1 fl. gal.      | 2         | 000116755405 |  0 00116 75540 5 |
| 7553 | 20 L / 0.70 ft^3      | 1         | 000116755306 |  0 00116 75530 6 |





# eight.four™

Safely raises pH and carbonate alkalinity (KH)  
Supplies a properly balanced buffer system  
that yields an industry leading pK of 8.6 which  
makes pH maintenance of 8.3-8.5 easy

eight.four™ supplies a properly balanced (carbonate/bicarbonate) buffer system that yields an industry leading pK of 8.6 which makes pH maintenance of 8.3-8.5 easy. A higher pK increases the buffer's ability to counteract inevitable acidic sources in the water. eight.four™ will safely raise marine pH while adjusting alkalinity. eight.four™ contains a concentrated, balanced blend of bicarbonate and carbonate salts designed to restore disrupted buffer systems and increase carbonate alkalinity.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7506 | 150 mL / 5 fl. oz.    | 25        | 000116750608 |  0 00116 75060 8 |
| 7501 | 350 mL / 11.8 fl. oz. | 25        | 000116750103 |  0 00116 75010 3 |
| 7505 | 1 L / 34 fl. oz.      | 12        | 000116750509 |  0 00116 75050 9 |
| 7504 | 4 L / 1 fl. gal.      | 2         | 000116750400 |  0 00116 75040 0 |
| 7503 | 20 L / 0.70 ft^3      | 1         | 000116750301 |  0 00116 75030 1 |



## fuel™

Comprehensive carbohydrate, vitamin, amino acid, and polyunsaturated fatty acid supplement for corals

Ascorbic acid in a base of chlorella

Makes a trace element supplement unnecessary

fuel™ is a comprehensive carbohydrate, vitamin, amino acid, polyunsaturated fatty acid, and trace element supplement developed to address nutritional requirements commonly associated with corals. fuel™ contains ascorbic acid in a base of chlorella, which contains a rich assortment of amino acids and vitamins. The health benefits of chlorella are widely known and while spirulina, a similar algae, has been regularly used in the industry, aquavitro is the first to utilize the vastly superior chlorella. fuel™ is formulated to provide nutrients available from natural tropical reef waters.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7546 | 150 mL / 5 fl. oz.    | 25        | 000116754606 |  |
| 7541 | 350 mL / 11.8 fl. oz. | 25        | 000116754101 |  |
| 7545 | 1 L / 34 fl. oz.      | 12        | 000116754507 |  |
| 7544 | 4 L / 1 fl. gal.      | 2         | 000116754408 |  |
| 7543 | 20 L / 5.3 fl. gal.   | 1         | 000116754309 |  |



# ions™

Restores magnesium by employing the most concentrated (90,000 mg/L) fully dissolved magnesium

First and only liquid magnesium supplement that does not contain ammonia

ions™ restores magnesium by employing the most concentrated (90,000 mg/L), fully dissolved magnesium and does so without adding any ammonia. Other liquid magnesium supplements inherently contain ammonia because the magnesium chloride used in their production contains ammonia. This is a result of the mechanisms for deriving and/or producing magnesium chloride. aquavitro has gone to considerable lengths to remove this contaminant and a proprietary process makes ions™ the first and only liquid magnesium supplement that does not contain ammonia.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7566 | 150 mL / 5 fl. oz.    | 25        | 000116756600 |  0 00116 75660 0 |
| 7561 | 350 mL / 11.8 fl. oz. | 25        | 000116756105 |  0 00116 75610 5 |
| 7565 | 1 L / 34 fl. oz.      | 12        | 000116756501 |  0 00116 75650 1 |
| 7564 | 4 L / 1 fl. gal.      | 2         | 000116756402 |  0 00116 75640 2 |
| 7563 | 20 L / 0.70 ft³       | 1         | 000116756303 |  0 00116 75630 3 |



# vibrance™

A highly concentrated (10,000 mg/L) naturally stabilized potassium iodide source

The most stable iodide supplement available

vibrance™ is a highly concentrated (10,000 mg/L) naturally stabilized potassium iodide source for reef aquaria that will restore and maintain iodide levels to those found in natural sea water. Our proprietary stabilization process makes vibrance™ the most stable iodide supplement available. It's also the most concentrated and comes with a pipette for precision dosing. It is formulated to provide a safe source of iodide that will not convert to toxic free iodine under storage or reef conditions.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7606 | 150 mL / 5 fl. oz.    | 25        | 000116760607 |  0 00116 76060 7 |
| 7601 | 350 mL / 11.8 fl. oz. | 25        | 000116760102 |  0 00116 76010 2 |
| 7602 | 1 L / 34 fl. oz.      | 12        | 000116760201 |  0 00116 76020 1 |
| 7604 | 4 L / 1 fl. gal.      | 2         | 000116760409 |  0 00116 76040 9 |
| 7603 | 20 L / 5.3 fl. gal.   | 1         | 000116760300 |  0 00116 76030 0 |



## salinity™

Most concentrated salt available

Batch specific guaranteed analysis

Enhanced buffering inhibits pH shift

salinity™ is a blend of salts specifically formulated for the reef aquarium that contains all essential major, minor, and trace components found in natural reef waters, but contains no toxic or non-essential components. Additionally, salinity™ is the most concentrated salt blend on the market. With a hydration level of <0.5% salinity™ will yield a greater volume of prepared saltwater at a salinity of 35‰ per unit of weight than any other salt mix currently on the market.

salinity™ is identical to the distribution of anions and cations found in Natural Sea Water (NSW). We have compiled data from all the oceans and seas on the Earth, and have targeted the midpoint of the range for each element. We guarantee to be within  $\pm 5\%$  of the midpoint.

|                  |                   |              |
|------------------|-------------------|--------------|
| <b>pH</b>        | <b>Alkalinity</b> | <b>Ca</b>    |
| 8.4-8.6          | 3.2-3.8 meq/L     | 400-443 mg/L |
| <b>Mg</b>        | <b>Sr</b>         |              |
| 1,269-1,403 mg/L | 8.0-8.8 mg/L      |              |

| SKU  | Size                               | Case Size | UPC          | Barcode                                                                               |
|------|------------------------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7584 | 2.72 kg (6 lbs) [75 L/20 gal]      | 1         | 000116758406 |  |
| 7582 | 15.87 kg (35 lbs) [450 L/120 gal]  | 1         | 000116758208 |  |
| 7580 | 29.75 kg (65 lbs) [850 L/225 gal]  | 1         | 000116758000 |  |
| 7581 | 140 kg (308 lbs) [4000 L/1050 gal] | 1         | 000116758109 |  |

# shrimp start™

Complete water conditioner for shrimp

Removes chlorine and chloramine

Detoxifies ammonia, nitrite, nitrate, and heavy metals

Detoxifies heavy metals found in tap water



aquavitro® shrimp start™ is the complete conditioner for your freshwater shrimp aquarium. shrimp start™ removes chlorine, chloramine and ammonia. shrimp start™ converts ammonia into a safe, non-toxic form that is readily removed by the tank’s biofilter. shrimp start™ may be used during tank cycling to alleviate ammonia/nitrate toxicity and allows the biofilter to more efficiently remove them. It will also detoxify heavy metals found in the tap water. shrimp start™ is non-acidic and will not impact pH. Use at start-up and whenever adding or replacing water.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7041 | 150 mL / 5 fl. oz.    | 25        | 000116070416 |  0 00116 07041 6 |
| 7042 | 350 mL / 11.8 fl. oz. | 25        | 000116070423 |  0 00116 07042 3 |
| 7043 | 1 L / 34 fl. oz.      | 12        | 000116070430 |  0 00116 07043 0 |
| 7044 | 4 L / 1 fl. gal.      | 2         | 000116070447 |  0 00116 07044 7 |
| 7045 | 20 L / 5.3 fl. gal.   | 1         | 000116070454 |  0 00116 07045 4 |

## shrimp pH<sup>a</sup>™

pH control for freshwater shrimp

Lowers pH

Two-part system for targeting pH in freshwater shrimp aquariums



aquavitro® shrimp pH<sup>a</sup> is one part of a two-part system which aids in replicating the water chemistry found in the native habitats of freshwater shrimp by buffering water to the natural pH for each specific type of shrimp. Used according to directions, shrimp pH<sup>a</sup> maintains the proper pH parameters of freshwater shrimp while also softening water and supporting growth of plants in shrimp aquaria. shrimp pH<sup>a</sup> is made from a unique buffer system that is extremely stable and does not add sodium, which can damage plants in the aquarium.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7051 | 150 mL / 5 fl. oz.    | 25        | 000116070515 |  0 00116 07051 5 |
| 7052 | 350 mL / 11.8 fl. oz. | 25        | 000116070522 |  0 00116 07052 2 |
| 7053 | 1 L / 34 fl. oz.      | 12        | 000116070539 |  0 00116 07053 9 |
| 7054 | 4 L / 1 fl. gal.      | 2         | 000116070546 |  0 00116 07054 6 |
| 7055 | 20 L / 5.3 fl. gal.   | 1         | 000116070553 |  0 00116 07055 3 |

## shrimp pH<sup>b</sup>™

pH control for freshwater shrimp

Raises pH

Two-part system for targeting pH in freshwater shrimp aquariums



aquavitro® shrimp pHb is one part of a two-part system which aids in replicating the water chemistry found in the native habitats of freshwater shrimp by buffering water to the natural pH for each specific type of shrimp. Used according to directions, shrimp pHb maintains the proper pH parameters of freshwater shrimp while also softening water and supporting growth of plants in shrimp aquaria. shrimp pHb is made from a unique buffer system that is extremely stable and does not add sodium, which can damage plants in the aquarium.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7061 | 150 mL / 5 fl. oz.    | 25        | 000116070614 |  0 00116 07061 4 |
| 7062 | 350 mL / 11.8 fl. oz. | 25        | 000116070621 |  0 00116 07062 1 |
| 7063 | 1 L / 34 fl. oz.      | 12        | 000116070638 |  0 00116 07063 8 |
| 7064 | 4 L / 1 fl. gal.      | 2         | 000116070645 |  0 00116 07064 5 |
| 7065 | 20 L / 5.3 fl. gal.   | 1         | 000116070652 |  0 00116 07065 2 |



# shrimp exo™

Raises iodide

Safe and easy to use

Aids in replicating ideal environment of freshwater shrimp

aquavitro® shrimp exo™ is a stabilized potassium iodide source intended to aid in replicating the ideal environment for freshwater shrimp.



| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7046 | 150 mL / 5 fl. oz.    | 25        | 000116070461 |  0 00116 07046 1 |
| 7047 | 350 mL / 11.8 fl. oz. | 25        | 000116070478 |  0 00116 07047 8 |
| 7048 | 1 L / 34 fl. oz.      | 12        | 000116070485 |  0 00116 07048 5 |
| 7049 | 4 L / 1 fl. gal.      | 2         | 000116070492 |  0 00116 07049 2 |
| 7050 | 20 L / 5.3 fl. gal.   | 1         | 000116070508 |  0 00116 07050 8 |

# shrimp GH™

Restores and maintains general hardness (GH)  
Adds a complete spectrum of minerals to the shrimp aquarium



aquavitro® shrimp GH™ adds a complete spectrum of minerals to the shrimp aquarium. It takes into consideration both the mineral requirements of shrimp and the mineral content of their natural waters in order to create an optimal shrimp environment. shrimp GH™ adds calcium, magnesium, potassium, and iron as well as 6 trace minerals all in the correct biological ratio for shrimp.

| SKU  | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7071 | 150 mL / 5 fl. oz.    | 25        | 000116070713 |  0 00116 07071 3 |
| 7072 | 350 mL / 11.8 fl. oz. | 25        | 000116070720 |  0 00116 07072 0 |
| 7073 | 1 L / 34 fl. oz.      | 12        | 000116070737 |  0 00116 07073 7 |
| 7074 | 4 L / 1 fl. gal.      | 2         | 000116070744 |  0 00116 07074 4 |
| 7075 | 20 L / 5.3 fl. gal.   | 1         | 000116070751 |  0 00116 07075 1 |



# shrimp small hut

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7076 | N/A  | 12        | 000116070768 |  0 00116 07076 8 |



# shrimp tall hut

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7077 | N/A  | 12        | 000116070775 |  0 00116 07077 5 |



## shrimp tube

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7078 | N/A  | 12        | 000116070782 |  0 00116 07078 2 |



# shrimp dome

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7079 | N/A  | 12        | 000116070799 |  0 00116 07079 9 |



# shrimp stars

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7082 | N/A  | 12        | 000116070829 |  0 00116 07082 9 |



# shrimp pipes

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7083 | N/A  | 12        | 000116070836 |  0 00116 07083 6 |





## shrimp stacks

Refuge to ease stress and avoid predation

Provides protection after molting

Seclusion aid during the breeding cycle

Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7084 | N/A  | 12        | 000116070843 |  0 00116 07084 3 |



# shrimp cubes

- Refuge to ease stress and avoid predation
- Provides protection after molting
- Seclusion aid during the breeding cycle
- Provides additional surface area for growth of algae and/or biofilm as a natural food source

Small shrimp, fish, and other animals naturally seek out seclusion from time to time to ease stress and avoid predation. Small shrimp, in particular, are vulnerable when they shed their exoskeleton, and female shrimp carrying eggs often seek out dark areas to protect themselves and their eggs. aquavitro® shrimp enrichment accessories are ideal for providing this type of refuge. In addition, they can act as a substrate for fine algae and/or bio-film to develop which are considered important food sources for many small shrimp.

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7085 | N/A  | 12        | 000116070850 |  0 00116 07085 0 |



# glass feeder

An elegant solution for storing food and feeding

For pelleted and flake foods such as Seachem NutriDiet™ flakes

Suitable for all aquarium types

Easy to fill and use

The Glass Feeder is a simple and elegant tool to store, display, and dispense fish food such as Seachem NutriDiets®. This feeder is excellent for every aquarium type and can dispense a wide variety of dry flake and pellet foods. Makes an excellent accessory for aquascapes and reef aquaria where presentation is key!

| SKU  | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7006 | N/A  | 6         | 000116070065 |  0 00116 07006 5 |



pad™

- Extremely durable scrubber pad
- Safe for acrylic and glass
- Easily remove tenacious algae
- Extended life

aquavitro® pad™ is the extremely durable algae pad for both glass and acrylic aquariums. Made from a durable synthetic cross-linked fiber, it has an extended life that outlasts most competing products. Its size and thickness allows you to easily remove tenacious algae from the broad sides of the aquarium, corners, and even from scratches. Finally, its white color makes it easy to see what you want to remove and when you’ve effectively removed it.

| SKU  | Product      | Size                  | Case Size | UPC          | Barcode                                                                                               |
|------|--------------|-----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7002 | pad 1 Pack   | 10 x 9 cm / 4" x 3.5" | 24        | 000116070027 |  0 00116 07002 7 |
| 7003 | pad 4 Pack   | 10 x 9 cm / 4" x 3.5" | 24        | 000116070034 |  0 00116 07003 4 |
| 7004 | pad 100 bulk | 10 x 9 cm / 4" x 3.5" | 100       | 000116070041 |  0 00116 07004 1 |



## bond™

Plastic adhesive

Bonds corals and frag plugs to reef rock

Non-toxic; easy and safe to work with

Can be reheated and reworked multiple times

bond™ is a unique low melting temperature adhesive plastic. bond™ can be used to secure coral to rockwork or to fuse rockwork together for more stable foundations in reef aquaria. bond™ is completely non toxic and inert with no impact on aquarium chemistry. bond™ has a much lower melting temperature than similar products making it safer and easier to work with. If necessary, bond™ can be reheated and reworked multiple times until desired results are achieved.

| SKU  | Size                  | Case Size | UPC          | Barcode         |
|------|-----------------------|-----------|--------------|-----------------|
| 7741 | 100 mL bagged         | 24        | 000116077415 | 0 00116 07741 5 |
| 7742 | 250 mL bagged         | 24        | 000116077422 | 0 00116 07742 2 |
| 7743 | 450 mL / 15.2 fl. oz. | 12        | 000116077439 | 0 00116 07743 9 |
| 7744 | 750 mL / 25.4 fl. oz. | 6         | 000116077446 | 0 00116 07744 6 |
| 7745 | 4 L / 1 fl. gal.      | 1         | 000116077453 | 0 00116 07745 3 |
| 7747 | 20 L / 5.3 fl. gal.   | 1         | 000116077477 | 0 00116 07747 7 |



## shears

Surgical grade stainless steel shears

For large-scale trimming or large tanks

Four types for varying needs of the aquarium



aquavitro® premium surgical stainless steel shears are designed for use in both freshwater and marine aquariums. These are ideal for the regular maintenance of aquatic plants.

**straight shears** are ideal when trimming larger leaves and stems near the surface of the water where a shallow angle remains effective.

**curved shears** are ideal when trimming leaves and stems closer to the aquarium bed where the steep angle is mitigated by the curve of the shears.

**double curved shears** are ideal when trimming leaves and stems closer to the aquarium bed where the steep angle is mitigated by the curve of the shears

**foreground shears** are especially well suited for trimming ground cover which can be very difficult with traditional shears

| SKU  | Product              | Size  | Case Size | UPC          | Barcode                                                                               |
|------|----------------------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7680 | straight shears      | 25 cm | 12        | 000116768009 |  |
| 7681 | curved shears        | 25 cm | 12        | 000116768108 |  |
| 7682 | double curved shears | 25 cm | 12        | 000116768207 |  |
| 7705 | foreground shears    | 25 cm | 12        | 000116077057 |  |
| 7706 | foreground shears    | 20 cm | 12        | 000116077064 |  |

# spring shears

Surgical grade stainless steel spring shears

For precise trimming or smaller tanks

Two types for varying needs of the aquarium



aquavitro® premium surgical stainless steel spring shears are ideal for the regular maintenance of aquatic plants, particularly when trimming smaller leaves and stems such as grasses closer to the aquarium bed. These are particularly helpful in small or nano style systems where larger tools are difficult to utilize and maneuver.

**spring shears** are ideal for rapid precision trimming of leaves and stems. In marine and reef aquaria these work very well in trimming soft coral with ease to maintain shape, spacing or to produce frags.

**curved spring shears** are ideal for rapid and precise trimming of smaller leaves and stems such as grasses closer to the aquarium bed. In marine and reef aquaria these work very well in trimming soft coral with ease to maintain shape, spacing or to produce frags.

| SKU  | Product                | Size  | Case Size | UPC          | Barcode                                                                               |
|------|------------------------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7683 | straight spring shears | 15 cm | 12        | 000116768306 |  |
| 7684 | curved spring shears   | 15 cm | 12        | 000116768405 |  |

# coral cutters

Surgical grade stainless steel coral cutters

Cut coral or hardscape with ease

Two types for varying types of corals



aquavitro® surgical stainless steel coral cutters are primarily designed for use in marine aquariums, but can safely be used in freshwater as well. The blades are of surgical quality and are able to cut through thick coral with ease. They are ideal for fragging or otherwise trimming corals as necessary to maintain spacing, shape and overall design of a reef.

**coral cutters** are ideal for fragging and trimming corals to maintain spacing, shape, and overall design of a reef.

**crescent coral cutters** are ideal for cutting thick coral with ease.

| SKU  | Product               | Size  | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7691 | coral cutter          | 18 cm | 12        | 000116769105 |  |
| 7697 | crescent coral cutter | 19 cm | 12        | 000116076975 |  |



# scalpels

Surgical grade stainless steel scalpels  
For precision cutting of corals or plants  
20 mm and 40 mm scalpels available



aquavitro® premium surgical stainless steel scalpels are primarily designed for use in marine aquariums, but can safely be used in freshwater as well. The blades are of surgical quality and is able to cut through coral and plant tissue with ease. They are ideal for fragging or propagation in reef or planted aquaria. It is an excellent aid in necropsy as well.

**20 mm scalpel** is ideal for precision fragging or propagation in reef or planted aquaria. It is an excellent aid in necropsy as well.

**40 mm scalpel** is ideal for fragging or propagation in reef or planted aquaria. It is an excellent aid in necropsy as well.

| SKU  | Product       | Size  | Case Size | UPC          | Barcode                                                                               |
|------|---------------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7693 | 20 mm scalpel | 16 cm | 12        | 000116076937 |  |
| 7692 | 40 mm scalpel | 16 cm | 12        | 000116076920 |  |



## forceps

Surgical grade stainless steel forceps

Six types for varying needs of the aquarium

aquavitro® premium surgical stainless steel forceps are designed for use in both freshwater and marine aquariums.

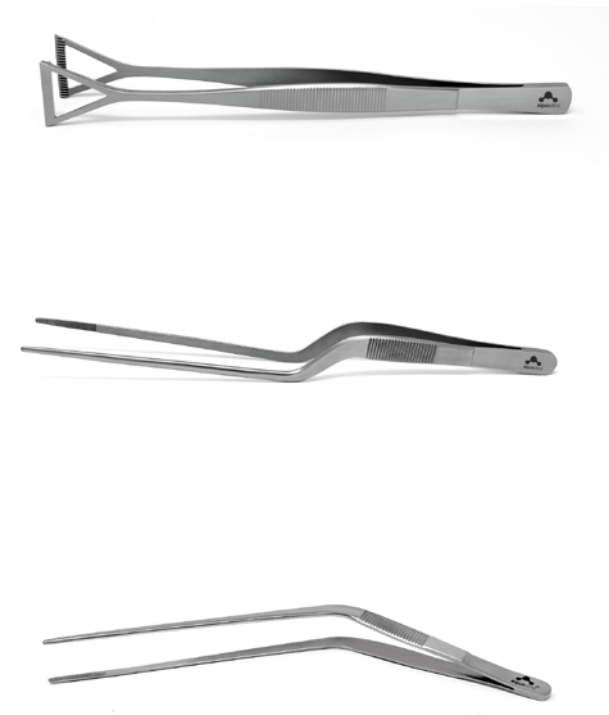
**straight forceps** are preferable when planting in gravel substrate (as opposed to sand). In marine and reef systems these forceps work well in placing or retrieving coral frags or colonies.

**curved forceps** are preferable when planting in gravel substrate (as opposed to sand) and when planting in corners or around rocks and driftwood.

**straight fine tip forceps** are ideal for planting and maintaining aquatic plants, particularly plants with small or delicate stems. They are also preferable when planting in fine or sandy substrate

**curved fine tip forceps** are preferable when planting in fine or sandy substrate and when planting in corners or around rocks and driftwood.

| SKU  | Product                     | Size  | Case Size | UPC          | Barcode         |
|------|-----------------------------|-------|-----------|--------------|-----------------|
| 7689 | straight forceps            | 25 cm | 12        | 000116768900 | 0 00116 76890 0 |
| 7690 | curved forceps              | 25 cm | 12        | 000116769006 | 0 00116 76900 6 |
| 7686 | straight fine tip forceps   | 25 cm | 12        | 000116768603 | 0 00116 76860 3 |
| 7687 | curved fine tip forceps     | 25 cm | 12        | 000116768702 | 0 00116 76870 2 |
| 7707 | straight needle tip forceps | 25 cm | 12        | 000116077071 | 0 00116 07707 1 |
| 7708 | curved needle tip forceps   | 25 cm | 12        | 000116077088 | 0 00116 07708 8 |



## specialty forceps

Surgical grade stainless steel forceps

For a variety of specialized applications

aquavitro® premium surgical stainless steel forceps are designed for use in both freshwater and marine aquariums. These are ideal for planting and maintaining aquatic plants. In marine and reef systems these forceps work well in placing or retrieving coral frags or colonies. These are often used in the general aquascaping of any aquarium.

**wide grasp forceps** are specifically designed to handle large bunches of plants or to allow for a better grip on irregularly shaped frags

**double curved forceps** are ideal for planting in corners or around rocks and driftwood.

**45° forceps** are ideal for planting in corners or around rocks and driftwood.

| SKU  | Product               | Size  | Case Size | UPC          | Barcode                                                                               |
|------|-----------------------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7688 | wide grasp forceps    | 20 cm | 12        | 000116768801 |  |
| 7695 | double curved forceps | 20 cm | 12        | 000116076951 |  |
| 7694 | 45° forceps           | 20 cm | 12        | 000116076944 |  |

# picks

Surgical grade stainless steel picks  
For maintenance of coral and hardscape

aquavitro® premium surgical stainless steel picks are designed for use in both freshwater and marine aquariums. These are ideal for picking away pests or parasites from plants, driftwood, rock and reef structures. They are excellent aids in necropsy as well.



| SKU  | Size  | Case Size | UPC          | Barcode                                                                               |
|------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7696 | 15 cm | 12        | 000116076968 |  |

# soil spade

Surgical grade stainless steel soil spade

For placing and smoothing substrate

aquavitro® premium surgical stainless steel soil spade is designed for use in both freshwater and marine aquariums. It is ideal for smoothing out and turning over substrate. It can be especially useful in working with substrates that are light or very loose in consistency. The soil spade can also be used to remove algae from the walls of glass aquaria.



| SKU  | Size  | Case Size | UPC          | Barcode                                                                                               |
|------|-------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7685 | 30 cm | 12        | 000116768504 |  0 00116 76850 4 |



# aquarium brushes

- Brush and clear substrates from specific areas when aquascaping
- Remove algae and debris from plant leaves
- Remove algae and debris or detritus from any hardscape
- Saltwater or freshwater

aquavitro® introduces a set of 3 unique and durable brushes for the aquarium. These brushes are unique in their ability to safely remove algae and debris from the leaves on plants as well as any hardscape or equipment in the aquarium. They are very handy for general maintenance in any aquarium but are especially useful in aquascaping in both fresh and saltwater. can be forced to separate by excessive pulling forces.

| SKU  | Size   | Case Size | UPC          | Barcode                                                                                               |
|------|--------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7709 | 3 Pack | 48        | 000116077095 |  0 00116 07709 5 |



## division™ skimmers

Versatile protein skimmers for up to 500 gallons/1900 liters

Unique collection cup design

Innovative silencer design

Complete micro bubble removal

High drain point/height based drain regulation

Operation is independent of water level in sump

division™ skimmers are designed with the aquarist in mind and offer a host of unique features including a polycarbonate collection cup with built in handle, height based drain regulation, an innovative silencer, complete micro bubble removal, and air and water flow versatility. Its patent-pending base design and adjustable components make division skimmers the perfect solution to fit an assortment of sump configurations. They are easy to assemble right out of the box and start up in under a minute.

| SKU  | Product       | Size    | Case Size | UPC          | Barcode         |
|------|---------------|---------|-----------|--------------|-----------------|
| 7200 | division™ 125 | 125 gal | 1         | 000116072007 | 0 00116 07280 9 |
| 7210 | division™ 250 | 250 gal | 1         | 000116072106 | 0 00116 07210 6 |
| 7230 | division™ 500 | 500 gal | 1         | 000116072304 | 0 00116 07230 4 |



# element™ Ca

Versatile, compact calcium reactor for up to 250 US gallons/950 liters

Simple Startup

Easy Maintenance

Highly Reactive Probe Placement

High Capacity 1.2 Liter Chamber

Powerful External Pump

The element™ Ca Reactor provides and maintains a virtually constant calcium, magnesium and alkalinity ratio, which is critical to the long term success of reef aquaria. The element™ Ca Reactor functions by using CO<sub>2</sub> to react with a calcium reactor media such as Seachem's Reef Reactor™. CO<sub>2</sub> acidifies the water flowing through the reactor and thereby dissolves the media which releases calcium, magnesium, carbonates among other elements and components of the chosen reactor media. A CO<sub>2</sub> filled tank along with a pH probe and preferably a CO<sub>2</sub> controlling system are required and/or highly recommended for proper functionality of the element™ Ca Reactor.

| SKU  | Product     | Size | Case Size | UPC          | Barcode                                                                                               |
|------|-------------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7280 | element™ Ca | N/A  | 2         | 000116072809 |  0 00116 07280 9 |





# element™ M

Versatile, compact media reactor for up to 100 US gallons/380 liters

Simple Startup

Easy Maintenance

Sensitive and Versatile Flow Regulation

High Capacity 1.2 Liter Chamber

Fluidized or Non-fluidized Media

Polishing Mechanical Filter Finish

The element™ M Reactor is a filter media reactor that allows for the use of virtually any type of filter media in either fluidized or non-fluidized flow - including fine particle media such as resins. The element™ M Reactor allows for excellent efficient reaction with consistent even flow from the bottom of the reactor to the top. Using the adjustable internal plate, filter media can even be separated to allow for various uses within the same reactor. The element™ M Reactor features a by-pass valve which allows for fine flow regulation for even the most delicate media such as beaded resins.

| SKU  | Product    | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7240 | element™ M | N/A  | 2         | 000116072403 |  0 00116 07240 3 |



# element™ Z

- Simple Startup
- Easy Maintenance
- Two Pump Feature for Easy Flow Reversal
- High Capacity 1.2 Liter Chamber
- Polishing Mechanical Filter Finish

The element™ Z Reactor is designed to utilize zeolite as a filter media in removing various pollutants from a reef aquarium while also providing a media to house beneficial bacteria. This method of filtration has been shown to increase coral coloration in many cases by reducing organic nutrient loads in reef aquaria to much lower levels. An important factor in use of the element™ Z Reactor is to utilize the wash feature of the reactor on the media 1-2 times per day. The wash of the media allows for more efficient filtration by keeping the bio film that grows on the media at a minimum while also feeding reef aquarium inhabitants the bio film itself.

| SKU  | Product    | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7260 | element™ Z | N/A  | 2         | 000116072601 |  0 00116 07260 1 |



# sentia™ dose

- Modular Aquarium Dosing
- Smartphone Control Over WiFi
- Connect Unlimited Secondary Units
- Slim Profile Design
- Unique Color-Coding Options

The sentia® dose Modular Aquarium Doser incorporates a host of fresh features built on the solid foundation of a peristaltic pump. Connect unlimited Secondary Units to the Primary Unit and control them all from the same app on your smartphone. Automatically create suggested dosing schedules or create your own with complete versatility of days of the week, time of day, doses per day, total volume, and volume per dose.



| SKU  | Product                | Size | Case Size | UPC          | Barcode                                                                                               |
|------|------------------------|------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7400 | sentia doser primary   | N/A  | 4         | 000116074001 |  0 00116 07400 1 |
| 7401 | sentia doser secondary | N/A  | 8         | 000116074018 |  0 00116 07401 8 |



# intake & return pipes

Sleek and durable aquarium hardware

Surgical grade stainless steel

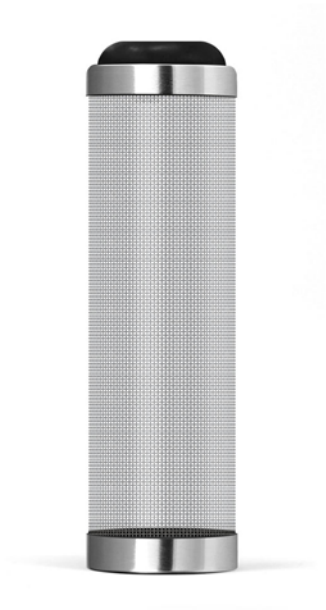
Compatible with a variety of aquarium filters and pumps

Dark interior of the pipe prevents algae from clogging the flow over time

The aquavitro® surgical grade stainless steel intake pipe & return pipe offer an incredibly durable and sleek alternative to standard filter hardware for a variety of different types of aquarium filters or pumps. They are resistant to rust and corrosion in freshwater (not for use in saltwater aquariums) and are perfectly designed to allow for significant smooth water flow from any filter or pump. The dark interior of the pipes prevent algae from clogging the flow over time. They are available in two sizes: 13 mm for 12/16 mm tubing and 17 mm for 16/22 mm tubing.

| SKU  | Product           | Size     | Case Size | UPC          | Barcode                                                                               |
|------|-------------------|----------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7673 | intake pipe 13 mm | 33.25 cm | 12        | 000116076739 |  |
| 7677 | intake pipe 17 mm | 38 cm    | 12        | 000116076777 |  |
| 7676 | return pipe 13 mm | 19.5 cm  | 12        | 000116076760 |  |
| 7679 | return pipe 17 mm | 17.5 cm  | 12        | 000116076791 |  |

# intake screen



Surgical grade stainless steel shrimp & fish sieve

Compatible with a variety of aquarium filter intakes

Ideal for use with dwarf shrimp, fry, and smaller fish

The aquavitro® surgical grade stainless steel intake screen is intended for use with the aquavitro® intake pipe but can be used on any filter pipe that it fits onto. It allows for significant smooth water flow while safely blocking fish and other aquarium inhabitants from being pulled into the filter which is particularly useful with dwarf shrimp, fry and smaller fish. It is available in two sizes: 13 mm and 17mm.

| SKU  | Size  | Case Size | UPC          | Barcode                                                                               |
|------|-------|-----------|--------------|---------------------------------------------------------------------------------------|
| 7675 | 13 mm | 12        | 000116076753 |  |
| 7678 | 17 mm | 12        | 000116076784 |  |



# surface skimmer/intake set 17 mm

Surgical grade stainless steel intake

Easy flow adjustment

Compatible with a variety of aquarium filter  
return pipes

The aquavitro® surgical grade stainless steel surface skimmer/  
intake set offers an incredibly durable and sleek looking  
alternative to standard filter intakes for a variety of different types  
of aquarium filters or pumps. The flow can be adjusted easily so  
that water is pulled from the surface, from lower in the aquarium,  
or both. Skimming the surface of an aquarium removes oils and  
organic matter buildup and can greatly enhance air to water  
exchange for a healthier aquarium environment. Its holes are  
perfectly sized to allow for significant smooth water flow while  
safely blocking fish and other aquarium inhabitants from being  
pulled into the filter. The dark interior of the pipe prevents algae  
from clogging the flow to the filter or pump. The submerged  
portion can be easily detached for cleaning as necessary.

| SKU  | Size              | Case Size | UPC          | Barcode                                                                                               |
|------|-------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 7698 | 32 cm             | 6         | 000116076982 |  0 00116 07698 2 |
| 7699 | Replacement Parts | 12        | 000116076999 |  0 00116 07699 9 |



# Clean Wipes™

Cleans and deodorizes reptile enclosure  
Contains natural lime and other citrus oils  
Use regularly to help control odors

CleanWipes™ safely and efficiently remove offensive odors and clean your reptile's or amphibian's enclosure without the use of harsh chemicals. They also contain natural lime and other citrus oils. CleanWipes™ are designed for regular enclosure maintenance. For stubborn odors and stains, try our JurassiClean™.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                                               |
|------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8551 | 26 count wipes | 6         | 000116085519 |  0 00116 08551 9 |



## JurassiClean™

Safe and natural syntergistic blend of stain and odor fighting bacteria and enzymes

No harsh chemicals

Cleans and deodorizes

Contains natural lime and other citrus oils

JurassiClean™ is formulated with a safe and natural synergistic blend of stain and odor fighting bacteria and enzymes that facilitate the breakdown of biological waste. It also contains natural lime and other citrus oils. JurassiClean™ safely and efficiently removes offensive odors and cleans your reptile's environment without the use of harsh chemicals. JurassiClean™ is ideal for use on cages and other enclosures where the concentration of animal odors can present a problem. Use JurassiClean™ for tough stains and odors; for regular cage maintenance try CleanWipes™.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8516 | 250 mL / 8.5 fl. oz. | 25        | 000116851602 |  0 00116 85160 2 |
| 8517 | 1 L / 34 fl. oz.     | 6         | 000116851701 |  0 00116 85170 1 |





# HermitClean™

- Cleans and deodorizes hermit crab enclosure
- Safe and natural syntergistic blend of stain and odor fighting bacteria and enzymes
- No harsh chemicals
- Contains natural lime and other citrus oils

HermitClean™ is formulated with a safe and natural synergistic blend of odor fighting bacteria and enzymes that facilitate the breakdown of biological waste. It also contains natural lime and other citrus oils. HermitClean™ safely and efficiently removes offensive odors and cleans your hermit crab's environment without the use of harsh chemicals. HermitClean™ is ideal for use on cages and other enclosures where the concentration of animal odors can present a problem.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8535 | 100 mL / 3.4 fl. oz. | 25        | 000116853507 |  0 00116 85350 7 |



## JurassiDiet™ Aquatic Turtle Formula

Contains probiotics

Supports the immune system

Utilizes a calcium-rich alfalfa base

No corn or soy

JurassiDiet™ Aquatic Turtle Formula is THE premium food for aquatic turtles. It contains only the highest quality ingredients without low nutritional value fillers like soy or corn meal, which can impair calcium absorption. It contains a broad spectrum of all the important components needed in an aquatic turtle diet: protein, fat, carbohydrates, vitamins, and minerals. JurassiDiet™ also contains probiotics, which reduce waste and benefit nutrient uptake as well as the immune system. Also try our JurassiDiet EasiShrimp™ whole river shrimp for Aquatic Turtles.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8224 | 40 g / 1.4 oz.  | 24        | 000116822404 |  0 00116 82240 4 |
| 8225 | 80 g / 2.8 oz.  | 24        | 000116822503 |  0 00116 82250 3 |
| 8226 | 140 g / 4.9 oz. | 12        | 000116822602 |  0 00116 82260 2 |
| 8228 | 900 g / 2 lbs   | 4         | 000116822800 |  0 00116 82280 0 |



## JurassiDiet™ Bearded Dragon Formula

Contains probiotics

Supports the immune system

Utilizes a calcium-rich alfalfa base

No corn or soy

JurassiDiet™ Bearded Dragon Formula is THE premium food for bearded dragons. It contains only the highest quality ingredients without low nutritional value fillers like soy or corn meal, which can impair calcium absorption. It contains a broad spectrum of all the important components needed in a bearded dragon diet: protein, fat, carbohydrates, vitamins, and minerals. JurassiDiet™ also contains probiotics, which reduce waste and benefit nutrient uptake as well as the immune system. Also try our JurassiDiet EasiDragon™ dragonfly larvae.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                               |
|------|-----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 8204 | 40 g / 1.4 oz.  | 24        | 000116820400 |  |
| 8205 | 80 g / 2.8 oz.  | 24        | 000116820509 |  |
| 8206 | 140 g / 4.9 oz. | 12        | 000116820608 |  |
| 8208 | 900 g / 2 lbs   | 4         | 000116820806 |  |



## JurassiDiet™ Newt & Aquatic Frog Formula

Contains probiotics

Supports the immune system

Utilizes a calcium-rich alfalfa base

No corn or soy

JurassiDiet™ is THE premium food for newts and aquatic frogs. It contains only the highest quality ingredients without low nutritional value fillers like soy or corn meal, which can impair calcium absorption. It contains a broad spectrum of all the important components needed in a newt and aquatic frog diet: protein, fat, carbohydrates, vitamins and minerals. JurassiDiet™ also contains probiotics, which reduce waste, benefit nutrient uptake and the immune system.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8234 | 60 g / 2.1 oz.  | 24        | 000116823401 |  0 00116 82340 1 |
| 8235 | 120 g / 4.2 oz. | 24        | 000116823500 |  0 00116 82350 0 |

# JurassiDiet™

## Hermit Crab Formula



- Contains probiotics
- Supports the immune system
- Utilizes a calcium-rich alfalfa base
- No corn or soy

JurassiDiet™ Hermit Crab Formula is THE premium food for hermit crabs. It contains only the highest quality ingredients without low nutritional value fillers like soy or corn meal, which can impair calcium absorption. It contains a broad spectrum of all the important components needed in a hermit crab diet: protein, fat, carbohydrates, vitamins, and minerals. JurassiDiet™ also contains probiotics, which reduce waste and benefit nutrient uptake as well as the immune system. Also try our JurassiDiet™ EasiShrimp™ whole river shrimp for hermit crabs.

| SKU  | Size            | Case Size | UPC          | Barcode                                                                                               |
|------|-----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8241 | 3 g / 0.1 oz    | 24        | 000116824101 |  0 00116 82410 1 |
| 8244 | 60 g / 2.1 oz.  | 24        | 000116824408 |  0 00116 82440 8 |
| 8246 | 210 g / 7.4 oz. | 12        | 000116824606 |  0 00116 82460 6 |



## JurassiDiet™ Gut Load

High in protein

Employs a base of calcium-rich alfalfa

Promotes proper Ca:P ratio of 2:1 – 8:1

No corn or soy

JurassiDiet™ Gut Load is THE premium food for reptile and amphibian prey items. It contains only the highest quality ingredients without low nutritional value fillers (like soy or corn meal). Your prey items are only as good as what they consume, and JurassiDiet™ contains a broad spectrum of all the important components needed in a reptile & amphibian diet: protein, fat, carbohydrates, vitamins and minerals

| SKU  | Size           | Case Size | UPC          | Barcode                                                                                               |
|------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8214 | 50 g / 1.8 oz  | 24        | 000116821407 |  0 00116 82140 7 |
| 8215 | 100 g / 3.5 oz | 24        | 000116821506 |  0 00116 82150 6 |
| 8218 | 2 kg / 4.4 lbs | 1         | 000116821803 |  0 00116 82180 3 |



## JurassiQuench™

Calcium and Vitamin C enriched water source

No more drowned insects or moldy sponges

Ideal for pets as well e.g. hissing cockroaches, tarantulas, etc.

JurassiQuench™ the only calcium and Vitamin C enriched water source for insects and arachnids. Eliminates extra costs due to drowned insects (water bowls) and eliminates the need for unsightly moldy sponges. JurassiQuench™ replicates as closely as possible the nutritional value of commonly used orange slices, and includes both Vitamin C and calcium. Not all competing products contain calcium and none include Vitamin C. The absence of calcium and Vitamin C limits the nutritional benefit of prey items. Also try our JurassiDiet™ Gut Load for feeder insects.

| SKU  | Size             | Case Size | UPC          | Barcode                                                                               |
|------|------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 8305 | 180 g / 6.3 oz.  | 24        | 000116830508 |  |
| 8306 | 290 g / 10.2 oz. | 12        | 000116830607 |  |
| 8308 | 1.8 kg / 4 lbs   | 4         | 000116830805 |  |



## EasiDiet Canned Insects

Farm raised insects for reptiles and amphibians

Soft and moist like live prey

Unique packaging process locks in moisture and nutrients

Pathogen and virus free

JurassiDiet EasiDiets are the easy alternative to feeding live prey. EasiDiet is intended to be used as either a main food source or as a complementary treat. When used as a main food source, consider using JurassiCal™ and JurassiVite™ to enhance the nutritional value of EasiDiet. EasiDiet insects are farm raised and their unique packaging process locks in moisture and nutrients. EasiDiets come in a variety of types and sizes to suit the varying dietary preferences of reptiles and amphibians.

| SKU  | Product            | Size          | Case Size | UPC          | Barcode                                                                                               |
|------|--------------------|---------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8252 | EasiDragon         | 25 g (1.2 oz) | 24        | 000116825207 |  0 00116 82520 7 |
| 8262 | EasiMix            | 25 g (1.2 oz) | 24        | 000116826204 |  0 00116 82620 4 |
| 8272 | EasiShrimp         | 25 g (1.2 oz) | 24        | 000116827201 |  0 00116 82720 1 |
| 8422 | EasiCricket: Small | 25 g (1.2 oz) | 24        | 000116842204 |  0 00116 84220 4 |
| 8432 | EasiCricket: Large | 25 g (1.2 oz) | 24        | 000116843201 |  0 00116 84320 1 |
| 8452 | EasiWorms: Small   | 25 g (1.2 oz) | 24        | 000116845205 |  0 00116 84520 5 |
| 8462 | EasiWorms: Large   | 25 g (1.2 oz) | 24        | 000116846202 |  0 00116 84620 2 |
| 8472 | EasiHopper         | 25 g (1.2 oz) | 24        | 000116847209 |  0 00116 84720 9 |
| 8482 | EasiPillar         | 25 g (1.2 oz) | 24        | 000116848206 |  0 00116 84820 6 |





## JurassiCal™

Concentrated (400,000 ppm)

Phosphorus and Vitamin D3 free

Helps maintain proper Ca:P ratio

Sticks to prey and food better than competing products

JurassiCal™ is a concentrated (400,000 ppm) phosphorus free source of calcium for reptiles and amphibians. Herbivorous and carnivorous diets are frequently calcium deficient and phosphorus rich. Thus, it is of no benefit to use a calcium supplement containing phosphorus. Ideally the dietary calcium to phosphorus (Ca:P) ratio should be no less than 1.2:1 and is ideally maintained from 2:1 up to 8:1 (depending on the species)\*. Lack of calcium in the diet can lead to metabolic bone disease and shell deformities and soft shells in turtles and tortoises.

\*Mader, Reptile Medicine & Surgery, 1996.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                               |
|------|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 8014 | 75 g / 2.6 oz  | 24        | 000116801409 |  |
| 8015 | 150 g / 5.3 oz | 24        | 000116801508 |  |
| 8016 | 250 g / 8.8 oz | 12        | 000116801607 |  |
| 8018 | 2 kg / 4.4 lbs | 4         | 000116801805 |  |



## JurassiCal™ Liquid

Concentrated (160,000 ppm)

Easy and convenient liquid spray

Phosphorus and Vitamin D3 free

Helps maintain proper Ca:P ratio

JurassiCal™ Liquid is a concentrated (160,000 ppm) phosphorus free source of calcium for reptiles and amphibians. Herbivorous and carnivorous diets are frequently calcium deficient and phosphorus rich. Thus, it is of no benefit to use a calcium supplement containing phosphorus. Ideally the dietary calcium to phosphorus (Ca:P) ratio should be no less than 1.2:1 and is ideally maintained from 2:1 up to 8:1 (depending on the species)\*. Lack of calcium in the diet can lead to metabolic bone disease and shell deformities and soft shells in turtles and tortoises.

\*Mader, Reptile Medicine & Surgery, 1996.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                               |
|------|----------------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 8006 | 250 mL / 8.5 fl. oz. | 25        | 000116800600 |  |
| 8009 | 4 L / 1 fl. gal.     | 2         | 000116800907 |  |



## JurassiVite™

Provides 14 essential vitamins & 17 trace and ultra-trace minerals

Provides Vitamin A as beta carotene

Employs an alfalfa base for enhanced palatability and nutritive value

JurassiVite™ is the only reptile/amphibian vitamin/mineral supplement that provides all 14 essential vitamins and 17 trace and ultra-trace minerals recommended by herpetological experts\*. JurassiVite™ provides Vitamin A as beta carotene. This avoids risk of Vitamin A toxicity and allows the animal to produce Vitamin A as needed. Vitamins A, D3 and E are present in the recommended\* ratio of 100:10:1.

\*Mader, Reptile Medicine & Surgery, 1996.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                               |
|------|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 8024 | 50 g / 1.8 oz  | 24        | 000116802406 |  |
| 8025 | 100 g / 3.5 oz | 24        | 000116802505 |  |



# JurassiFruit™ Banana

All natural banana scented odor and flavor enhancer

Ideal for all reptiles, especially herbivores (tortoises & iguanas)

Helpful in getting juveniles to begin eating pelleted foods or transitioning adults to new diets

JurassiFruit™ is an all natural scented appetite stimulator. Our research has shown that many reptiles, primarily herbivores, are attracted to natural fruit scents/odors, such as strawberry. Simply spray JurassiFruit™ onto any food item to elicit a feeding response. Ideal for all reptiles, especially herbivores (tortoises & iguanas). Available in strawberry and banana scents. To renew the interest of finicky carnivores, try our garlic-based JurassiGuard™.

JurassiFruit™ can be particularly helpful in getting hatchling tortioses and bearded dragons onto more comprehensive pelleted diets such as the JurassiDiet™ range of pelleted foods, which contain a broad spectrum of all the important components needed in a reptile diet: protein, fat, carbohydrates, vitamins, and minerals. JurassiDiet™ also contains probiotics, which reduce waste and benefit nutrient uptake as well as the immune system.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8116 | 250 mL / 8.5 fl. oz. | 25        | 000116811606 |  0 00116 81160 6 |



## JurassiFruit™ Strawberry

All natural strawberry scented odor and flavor enhancer

Ideal for all reptiles, especially herbivores (tortoises & iguanas)

Helpful in getting juveniles to begin eating pelleted foods or transitioning adults to new diets

JurassiFruit™ is an all natural scented appetite stimulator. Our research has shown that many reptiles, primarily herbivores, are attracted to natural fruit scents/odors, such as strawberry. Simply spray JurassiFruit™ onto any food item to elicit a feeding response. Ideal for all reptiles, especially herbivores (tortoises & iguanas). Available in strawberry and banana scents. To renew the interest of finicky carnivores, try our garlic-based JurassiGuard™.

JurassiFruit™ can be particularly helpful in getting hatchling tortioses and bearded dragons onto more comprehensive pelleted diets such as the JurassiDiet™ range of pelleted foods, which contain a broad spectrum of all the important components needed in a reptile diet: protein, fat, carbohydrates, vitamins, and minerals. JurassiDiet™ also contains probiotics, which reduce waste and benefit nutrient uptake as well as the immune system.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8126 | 250 mL / 8.5 fl. oz. | 25        | 000116812603 |  0 00116 81260 3 |



# JurassiGuard™

All natural garlic scented odor and flavor enhancer

Ideal for carnivorous and omnivorous reptiles

Helpful in getting juveniles to begin eating pelleted foods or transitioning adults to new diets

JurassiGuard™ is an all natural garlic scented odor and flavor enhancer. Our research has shown that many reptiles are attracted to natural odors, such as garlic. Simply spray JurassiGuard™ onto any food item to attract the interest of finicky eaters. Ideal for carnivorous and omnivorous reptiles and amphibians.

JurassiGuard™ is especially useful in moving reptiles and amphibians over to more comprehensive pelleted diets such as the JurassiDiet™ range of pelleted foods, which contain a broad spectrum of all the important components needed in a reptile diet: protein, fat, carbohydrates, vitamins, and minerals. JurassiDiet™ also contains probiotics, which reduce waste and benefit nutrient uptake as well as the immune system.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8106 | 250 mL / 8.5 fl. oz. | 25        | 000116810609 |  0 00116 81060 9 |



# MiteWipes™

- All natural mite, flea, and tick control
- Non-toxic formula
- May be used daily on heavy infestations

MiteWipes™ utilizes an all natural, non-toxic formula that safely and effectively eradicates common reptile parasites such as mites, fleas, and ticks. Because of its non-toxic nature, MiteWipes™ can be used as frequently as needed unlike competing mite treatments that require a multi-day interval between use. During such intervals, it is common for infestations to quickly rebound.

MiteWipes™ should NOT be used on amphibians.

| SKU  | Size           | Case Size | UPC          | Barcode                                                                               |
|------|----------------|-----------|--------------|---------------------------------------------------------------------------------------|
| 8541 | 26 count wipes | 6         | 000116085410 |  |



# JurassiMite™

Safely and effectively eradicates common reptile parasites such as mites, fleas, and ticks

No harsh chemicals, non-toxic

Can be used daily

Can also be used for treating enclosures

JurassiMite™ utilizes a non-toxic formula that safely and effectively eradicates common reptile parasites such as mites, fleas, and ticks. Mite infestations are notoriously difficult to get rid of. When the enclosure is infested as well (as is often the case), the task becomes even harder. It requires persistence and close attention. Under most circumstances a single treatment (of any mite-removal product) simply will not do; however, because of its non-toxic nature, JurassiMite™ can be used as frequently or infrequently as needed—unlike competing brands that require a multi-day interval between use. During such long intervals it is common for infestations to quickly rebound.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8546 | 250 mL / 8.5 fl. oz. | 25        | 000116854603 |  0 00116 85460 3 |





# JurassiShed™

Shedding aid for reptiles

Naturally supports dry shedding skin with hydration

Speeds removal of retained eye caps and tail tips

JurassiShed™ is a specially formulated cosmetic shedding aid for snakes and lizards. It naturally supports dry shedding skin with hydration which can reduce the severity of “problem sheds” and makes normal shedding faster and easier. JurassiShed™ also speeds removal of retained eye caps and tail tips.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8606 | 100 mL / 3.4 fl. oz. | 25        | 000116086066 |  0 00116 08606 6 |



## JurassiTears™

Opens and cleans inflamed reptile eyes

Advanced formula of conditioners and emollients

Supports animal eye health through Vitamin A supplementation

Reptile eyes can often become inflamed or closed due to irritants and infections. JurassiTears™ is an advanced formula of conditioners and emollients that gently clean and help open inflamed reptile eyes. It also aids and supports animal eye health and overall health through vitamin A supplementation. JurassiTears™ dispenses easily, and remains in place after application.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8346 | 100 mL / 3.4 fl. oz. | 25        | 000116083461 |  0 00116 08346 1 |



# JurassiSafe™

Makes water safe for aquatic turtles and amphibians

Removes toxic chlorine, chloramine, and ammonia

Promotes the production and regeneration of the natural amphibian slime coat

JurassiSafe™ safely, rapidly, and efficiently removes toxic chlorine, chloramine and ammonia. Chlorine and chloramine are commonly used in municipal water sources to disinfect tap water. All three are toxic to certain reptiles and all amphibians and should be removed before use of such water (misting, topping off, soaking, etc.).

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8506 | 250 mL / 8.5 fl. oz. | 25        | 000116850605 |  0 00116 85060 5 |
| 8509 | 4 L / 1 fl. gal.     | 2         | 000116850902 |  0 00116 85090 2 |



# HermitSafe™

- Makes water safe for hermit crabs
- Removes toxic chlorine, chloramine and ammonia
- Provides key electrolytes to promote proper and healthy molting

Hermit Safe™ safely, rapidly, and efficiently removes toxic chlorine, chloramine and ammonia. Chlorine and chloramine are commonly used in municipal water sources to disinfect tap water. All three are toxic and should be removed before use of such water (misting, drinking, soaking, etc.). Regular misting is an important part of keeping hermit crabs. Add Hermit Safe™ to water in a spray bottle for misting.

| SKU  | Size                 | Case Size | UPC          | Barcode                                                                                               |
|------|----------------------|-----------|--------------|-------------------------------------------------------------------------------------------------------|
| 8525 | 100 mL / 3.4 fl. oz. | 25        | 000116852500 |  0 00116 85250 0 |