

JANUARY NEWS

from **NIELSEN'S MARINE MATES**

45 – 47 Beenleigh Redland Bay Road, Loganholme. 4129

www.nielsensmarinemates.com.au Ph 3801 4222



Happy New Year and our best wishes for 2018. Hopefully, you have all had a wonderful Christmas and Santa was good to you. At Nielsen's Marine Mates we hope to be bigger and better in 2018 and if you have any suggestions for products you would like to see us stock or any improvements we can make, please don't be shy! Your comments (good and bad) are always welcome, so send us an email.

This month we have a detailed article on some new Quantum marine products. Ultimate Aquacare has been renamed Quantum and the majority of their products are now either new or reformulated with just a few of the old favourites still available under the new name. This exciting range is easy to use and is sure to be popular.

As always, we have some good monthly specials, so don't miss out. Until next month ... good fishkeeping.

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nielsensmarinemates@bigpond.com**

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'Like us' to receive notification of updates.



SPECIALS IN THIS NEWSLETTER ARE AVAILABLE ONLY FOR THE MONTH OF JANUARY UNLESS SOONER SOLD OUT.

AQUAEL INTERNAL FILTERS

New to the Aqual range are the ASAP500 and ASAP700 internal filters. Unlike most internal filters, these are 'upside down' with the motor on the bottom instead of the top. These means that, not only are they great in the traditional aquarium, but are also ideal for turtle tanks, mudskippers or any shallow water inhabitant.

Water is drawn in through the motor, passed through mechanical and biological filtration and returned in a powerful stream through the top, giving excellent cleansing and oxygenation. They also feature a transparent cover making it easy to see when the filter needs cleaning.



The smaller ASAP500 uses only 5 watts, turns over 500lt/hr and is recommended for tanks 50 – 100 litres. It sells for \$43.99.



The ASAP700 uses 6.8 watts, turns over 650lt/hr and is recommended for tanks 100 – 250 litres. Selling for \$51.99. Both in stock now.

**QUANTUM (FORMERLY
ULTIMATE AQUACARE)
MARINE RANGE.
AUSTRALIAN MADE**

In case you have not used the range previously, firstly let's look at the three products which were available under the Ultimate Aquacare label and now rebadged as Quantum.

REEF ESSENTIAL BIO-ENHANCE

Reef Essential™ Bio-Enhance™ is designed to provide protein, amino acids, fatty acids, carbohydrates & vitamins for enhancing both tissue growth and vitality. Five separate products have been combined into an all-in-one complete nutrition supplement suited for SPS, LPS and mixed reef aquariums. Laboratory tests showed that the product performed well, however trialling on enthusiasts' aquariums



showed some amazing results. Enthusiasts claimed that the product was able to bring life back to bleached/damaged coral, significantly increase growth, enhance colouration and cause swelling. This product does not require refrigeration, nor should it be used with any similar competing product.

NITRATE REMOVER

Algae uses phosphate, nitrate and light to grow. While we can limit light, predominantly reducing nitrate & phosphate will seek to stunt algae growth within your aquarium. Nitrate Remover is specifically targeted to the denitrifying bacteria and multiple carbon sources work together to give your denitrifying bacteria the energy it needs to remove nitrate. Use only in a marine aquarium and pH MUST be between 8.2 and 8.5.



V14 NITRATE REMOVER

This product does not replace their existing Nitrate Remover but is designed for use by experienced aquarists for marine aquariums with nitrate levels

below 20ppm. V14 Nitrate Remover is designed specifically to supercharge nitrate removal without promoting the nuisance bio-bacteria slime within marine/reef aquariums. An important warning is the fact that natural denitrification via bacteria produces carbon dioxide which lowers pH, as a result we suggest dosing smaller amounts more often to help reduce the possibility of a pH drop. This product must be used in aquariums with a protein skimmer, in Marine/Reef aquariums, NOT freshwater aquariums. If using in a fish only aquarium we recommend



keeping your water well aerated. We recommend you dose according to the instructions and most importantly DO NOT OVERDOSE. If nitrates are above 20ppm, the original Nitrate Remover should be used.

BRAND NEW PRODUCTS

NOTE: When increasing the primary elements e.g. calcium, magnesium, carbonate, the secondary elements in each product will be increased relatively. This eliminates testing for the secondary elements.

REEF ESSENTIAL ARAGONITE A

Calcium/Strontium/Barium

Reef Essential® Aragonite A™ is designed to provide ionic & complexed calcium as well as other key elements such as strontium and barium to help build strong aragonite. When aragonite elements are low in concentration corals may develop brittle calcite, which leads to lower bone density. This product must be used alongside our Reef Essential® Aragonite B™ & Reef Essential® Aragonite C™ supplements as together they will provide the required major, minor and trace aragonite elements. If wanting to enhance coral tissue colour & growth, we recommend our Bioactive Colour Intensifiers™. Recommended calcium concentration = 405-440ppm.



REEF ESSENTIAL ARAGONITE B

Carbonate/Hydrogen Carbonate/Buffer

Reef Essential® Aragonite B™ is designed to provide carbonate, hydrogen carbonate & buffers to help stabilize pH and build strong aragonite. Carbonates help to stabilize pH within saltwater aquariums due to their buffering capacity. This product must be used alongside our Reef Essential® Aragonite A™ & Reef Essential® Aragonite C™ supplements as together they will provide the required major, minor and trace aragonite elements. Recommended

alkalinity concentration = 7.4-10.5dKH (132-188ppm).



REEF ESSENTIAL ARAGONITE C

Magnesium/Sulphate/Trace

Reef Essential® Aragonite C™ is designed to provide ionic & complexed magnesium as well as other key aragonite constituents such as sulphate and trace elements. When

magnesium is low, KH fluctuations can occur more frequently which may cause stress to your aquarium. This product must be used alongside our Reef Essential® Aragonite A™ & Reef Essential® Aragonite B™ supplements as together they will provide the required major, minor and trace aragonite elements. Recommended magnesium concentration = 1230-1310ppm.



REEF ESSENTIAL BIO-KALIUM

Intensify red and pink coral colour

Reef Essential® Bio-Kalium™ is designed to provide ionic & complexed potassium as well as boron to help intensify red & pink coral colour. Potassium helps to transport nutrients and when used with boron aids in the production of aragonite. This product must be used alongside our Reef Essential®



Bio-Enhance™, Reef Essential® Bio-Metals™ & Reef Essential® Bio-Gen™ supplements as together they will provide the required biomolecules, major, minor and trace colouring elements. Recommended potassium concentration = 375-400ppm.

REEF ESSENTIAL BIO-GEN

Intensify White, Blue & Violet Coral Colour

Reef Essential® Bio-Gen™ is designed to provide bioactive halogens such as iodide, fluoride & bromide to help intensify white, blue & violet coral colour. Reef Essential® Bio-Gen™ also helps to reduce coral bleaching, improve calcification and acts as a natural resistance improver. Use in conjunction

with Reef Essential® Bio-Enhance™, Reef Essential® Bio-Metals™ & Reef Essential® Bio-Kalium™ supplements. Recommended total iodine concentration = 0.06-0.09ppm.

REEF ESSENTIAL BIO-METALS

Intensify green coral colour.

Reef Essential® Bio-Metals™ is designed to provide ionic, complexed & chelated bioactive metals to help intensify green coral colour. The ionic & complexed are immediately bioavailable while the chelated delivers a sustained release helping to provide a consistent supply of bioactive metals to coral. Use with Reef Essential® Bio-Enhance™, Reef Essential® Bio-Gen™ & Reef Essential® Bio-Kalium™ supplements. Recommended iron concentration = 0.1-0.3ppm.



Please talk to our staff if you require any further information about this great Australian made range.

FRESHWATER PLANT OF THE MONTH – BLUE STRICTA

Blue Stricta is a hardy bunch plant which makes a great backdrop for lower growing plants. It will grow to the top of the water (and above) in most aquariums and can be pinched out at the top to encourage growth low down. The green colouration will vary from dark to lime according to lighting conditions. As with most bunch plants, Blue Stricta grows from a cutting. Although it can be planted in a bunch, good results come from it being separated out and pieces planted close together, but individually. Regularly \$6.99 bunch.



JANUARY SPECIAL \$5.99

FRESHWATER FISH OF THE MONTH – ASSORTED MALE GUPPIES



Although a common fish, guppies are still amongst the most colourful of all tropical

fish. The males come in a huge varieties of colours and their beautiful flowing tails make them even more attractive. The females, of course, are less colourful but probably have nice personalities.

Because of the large tail, male guppies can be a target for fin nipping tank mates and often the most successful tank for guppies is a species tank with other male guppies. However it is possible to mix them with small, peaceful fish such as neon tetras. Guppies are avid feeders and not fussy at all. Flake food can be used as their staple diet although they will appreciate some frozen or live foods such as blood



worms or brine shrimp from time to time.

JANUARY SPECIAL – BUY A MALE GUPPY FOR \$6.99 & GET A FEMALE GUPPY VALUED AT \$4.99 FOR FREE!

SECOND FRESHWATER FISH OF THE MONTH - LARGE ANGELS

Angels are perhaps one of the most recognizable freshwater tropical fish with their diamond shaped body and long flowing fins. They eventually grow to be a sizeable fish and are a member of the cichlid family. They are good community fish when kept with similar sized fish but unfortunately will prey upon small fish – neon tetras being amongst their favourites. Angels come in a variety of colours – mostly variations and combinations of silver, gold and black - and striped and marbled patterns.



Regularly \$25.00 **THIS MONTH'S SPECIAL ONLY \$15.00.**

MARINE FISH OF THE MONTH – DISPAR ANTHIAS



This little anthias is very much a schooling fish

and are best kept that way. They grow to a maximum of 10cm. These would have to be one of the easiest to keep of the anthias family and generally feed well. Feeding should consist of fine particled frozen foods whilst they may also take small pellets. Anthias should be fed several times a day to keep them in great condition. They are very peaceful and make a great community fish in either a reef tank or a fish-only tank with fish of similar size. Usually \$30 each. **NOW \$24.00 EACH.**