



Aquarium
Münster

Fish like us

ORNAMENTAL FISH **HEALTH AND WELLBEING**

Product Range



www.aquarium-munster.com

D062023P

DR. BASSLEER BIOFISH FOOD

GRANULATED FISH FOOD

FEEDING ACCORDING TO NATURE'S EXAMPLE



DR. BASSLEER BIOFISH FOOD does not contain any artificial colorants and provides an extraordinary high nutrient content.

Fish consume their food in chunks. Because their mouths differ from species to species, food should be matched to their mouth shape and eating habits. The granulate range of DR. BASSLEER BIOFISH FOOD is adjusted to this wide variety by providing optimised granulates in sizes ranging from S, M, L, XL and XXL.

DR. BASSLEER BIOFISH FOOD REGULAR and DR. BASSLEER BIOFISH FOOD GREEN are available in a pellet size 3XL of 6.5 mm (0.26 in) for big fish of more than 20 cm (7.9 in).

The granulates in smaller pellet size M sink slowly, thus providing nutrients to all three water zones. This gives surface feeders, fish in the middle zone as well as bottom feeders alike a fresh and balanced diet.

The selection of nutrients in the food should also follow nature's example. DR. BASSLEER BIOFISH FOOD was developed by the well-known fish pathologist Dr. Gerald Bassleer. Due to the very special production process the particularly vitamins, proteins and trace elements are fully available.

The different granulated foods as well as the very special flake foods contain all necessary amino acids, unsaturated fatty acids (e. g. omega-3), minerals, trace elements and vitamins for healthy and resistable ornamental fish.

The granulated DR. BASSLEER BIOFISH FOOD is upgraded by functional additives (probiotics, prebiotics, plants and plant extracts) that are artisanally coated at low temperature after processing the granulate. In the internet you will find huge information about the special functions of these additives. (www.aquarium-munster.com/en/links/science/)

All granulated foods contain valuable probiotics (*Pediococcus acidilactic*).

DR. BASSLEER BIOFISH FOOD does not contain any artificial colorants and provides an extraordinary high nutrient content. It is easily digestible and does not represent any stress to the quality of the aquarium water.



Pellet size S
0.2 - 0.5 mm (0.01 - 0.02 in)
for fish < 2 cm (0.8 in)



Pellet size M
0.5 - 0.8 mm (0.02 - 0.03 in)
for fish > 1 cm (0.4 in)



Pellet size L
0.8 - 1.2 mm (0.03 - 0.05 in)
for fish > 5 cm (2 in)



Pellet size XL
1.2 - 1.6 mm (0.05 - 0.06 in)
for fish > 10 cm (4 in)



Pellet size XXL
2.8 - 3.2 mm (0.11 - 0.13 in)
for fish > 15 cm (5.9 in)



Pellet size 3XL
6.5 mm (0.26 in)
for fish > 20 cm (7.9 in)



FRESH AND MARINE WATER

Valuable
complete food



FRESH AND MARINE WATER

With
Acai berries



FRESH AND MARINE WATER

With
Aloe vera



FRESH AND MARINE WATER

For fish larvae, juvenile fish,
nano-aquarium fish and shrimps

DR. BASSLEER BIOFISH FOOD REGULAR

DR. BASSLEER BIOFISH FOOD REGULAR contains a very high level of protein (54 %). It provides fish with all vitamins, trace elements and minerals they require. Ornamental fish fed with DR. BASSLEER BIOFISH FOOD are distinctly more colorful and active. Both their growth and their fertility are promoted.

DR. BASSLEER BIOFISH FOOD ACAI

DR. BASSLEER BIOFISH FOOD ACAI contains the berries of the acai palm tree with an exceptional high nutritional value which is very health-promoting and has amazing effects. By purely natural ingredients, fish develop a naturally strong, intense staining. Feeding with DR. BASSLEER BIOFISH FOOD ACAI leads to more success in breeding fish.

DR. BASSLEER BIOFISH FOOD ALOE

DR. BASSLEER BIOFISH FOOD ALOE contains all components of the valuable plant Aloe vera. Aloe vera contains valuable enzymes, amino acids, vitamins, mono and polysaccharides, minerals and bioflavonoids. A high proportion of acemannan enhances immune system. DR. BASSLEER BIOFISH FOOD ALOE enhances the immune system, detoxifies the digestive process and the fish organism.

DR. BASSLEER BIOFISH FOOD BABY+NANO

Fine granulated food (no „powder“) for fish larvae, juvenile fish, nano-aquarium fish (e. g. small Rasbora species) and shrimps. The high proportion of high-quality proteins associated with the freshwater algae *Chlorella pyrenoidosa* ensures a healthy growth. The stable granules do not represent any stress to the quality of the aquarium water.



SÜSS- UND MEERWASSER

The appropriate alternative
to food tablets

DR. BASSLEER BIOFISH FOOD BETTER TABS

DR. BASSLEER BIOFISH FOOD BETTER TABS, the appropriate alternative to food tablets.

Every aquarist who has ever used a food in tablet form knows: You put 1 – 2 tablets in the aquarium. These lie in one place on the ground and are seized by a few fish. A large part of the fish that are not so assertive cannot get to the food and run the risk of not being properly nourished.

DR. BASSLEER BIOFISH FOOD BETTER TABS immediately sinks and spreads on the ground, so that the food cannot be claimed individually by the strongest fish exclusively.



FRESH AND MARINE WATER

Tasty treat especially
for delicate fish

DR. BASSLEER BIOFISH FOOD CAVAR

DR. BASSLEER BIOFISH FOOD CAVAR is an exclusive super-premium food and contains all the natural ingredients for a balanced diet. Each individual microcapsule containing valuable peptides, easily digested proteins, nucleotides and chelated micronutrients. This tasty treat is unique and popular even with very picky and delicate fish. DR. BASSLEER BIOFISH FOOD CAVAR is a luxurious alternative to frozen foods.



FRESH AND MARINE WATER

With hemp

DR. BASSLEER BIOFISH FOOD CBD

DR. BASSLEER BIOFISH FOOD CBD contains approx. 0.05% CBD (cannabidiol) and other valuable ingredients from natural hemp. Hemp is extremely nutritious and contains a variety of nutrients and vital substances. Antioxidant ingredients have an anti-inflammatory and antispasmodic effect.

CBD can have a positive effect on physical and psychological well-being.



FRESH AND MARINE WATER

With
Chlorella algae

DR. BASSLEER BIOFISH FOOD CHLORELLA

DR. BASSLEER BIOFISH FOOD CHLORELLA contains the valuable Chlorella freshwater algae. This algae is rich in carotinoids (e.g. lutein, astaxanthin), antioxidants (e.g. beta-carotin), essential unsaturated fatty acids (e. g. omega-3), vitamins and trace elements (iron, selenium, iodine, folic acid, calcium). Chlorophyll as well as valuable nucleic acids foster the regeneration process.



FRESH AND MARINE WATER

Fitness treatment
every 3 - 4 weeks

DR. BASSLEER BIOFISH FOOD FORTE

For the long-term health of your fish, we recommend a fitness treatment with DR. BASSLEER BIOFISH FOOD FORTE every three to four weeks. Aside from the premium ingredients of DR. BASSLEER BIOFISH FOOD REGULAR, DR. BASSLEER BIOFISH FOOD FORTE also provides immune stimulators such as citrus fruit pulp and high-quality glucan. A fitness treatment with DR. BASSLEER BIOFISH FOOD FORTE is particularly helpful in stress situations.



FRESH AND MARINE WATER

With fucoidan
from seaweed (kelp)

DR. BASSLEER BIOFISH FOOD FUCO

DR. BASSLEER BIOFISH FOOD FUCO contains 0.8 % fucoidan, a valuable polysaccharide from seaweed (*Laminaria japonica*). Seaweed (Kelp) is a very popular ingredient, especially in Asian cuisine. Many scientific studies attribute special characteristics to it. We recommend feeding with DR. BASSLEER BIOFISH FOOD FUCO, especially during a treatment against bacterial infections.



FRESH AND MARINE WATER

With
fresh garlic

DR. BASSLEER BIOFISH FOOD GARLIC

DR. BASSLEER BIOFISH FOOD GARLIC contains natural garlic. It is also a popular food for ornamental fish which have contracted disease and often suffer from loss of appetite. Garlic contains the natural active agent allicin, a very high proportion of manganese and vitamin B6, and is a very rich source of trace elements (selenium, iodine, germanium, etc.) and enzymes.



FRESH AND MARINE WATER

Premium food for
herbivore ornamental fish

DR. BASSLEER BIOFISH FOOD GREEN

DR. BASSLEER BIOFISH FOOD GREEN is a granulated premium food for herbivore ("vegetable nutrition") ornamental fish. In addition to all important ingredients it contains 5 % grounded leaves of the "miracle tree" *Moringa oleifera* and 5 % of the valuable *Chlorella* fresh water algae. It is rich in carotenoids, antioxidants, essential unsaturated fatty acids, chlorophyll, vitamins and trace elements.



FRESH AND MARINE WATER

With Grapefruit seed extract (GSE)
and *Moringa oleifera*

DR. BASSLEER BIOFISH FOOD GSE/MORINGA

DR. BASSLEER BIOFISH FOOD GSE/MORINGA contains grapefruit seed extract and grounded leaves of the "miracle tree" *Moringa oleifera*. The ingredients of grapefruit seeds have a disinfectant effect. The leaves of the *Moringa* tree are extremely rich in nutrients and contain 18 different amino acids as well as an extraordinary amount of antioxidants.



FRESH AND MARINE WATER

With
valuable herbs



FRESH AND MARINE WATER

With
bark extract of lapacho tree



FRESH AND MARINE WATER

With
pumpkin seeds



FRESH AND MARINE WATER

Premium pellet food
for ornamental shrimps

DR. BASSLEER BIOFISH FOOD HERBAL

DR. BASSLEER BIOFISH FOOD HERBAL contains herbs known for centuries: peppermint, thyme, mugwort and chickweed. The valuable components have a stimulating and anti-septic effect and contribute to the health of ornamental fish. Skinny fish gain quickly more weight.

DR. BASSLEER BIOFISH FOOD LAPACHO

DR. BASSLEER BIOFISH FOOD LAPACHO contains 2% bark extract of the lapacho tree (*Tabebuia impetiginosa*). In South America the lapacho tree is referred to as the tree of life. The Incas already brewed tea from its bark, which they drank to alleviate many ailments. The Lapacho bark contains various naphthoquinone derivatives, benzofurans and a special combination and concentration of mineral salts and trace elements such as calcium, iron, magnesium, phosphorus, zinc, chromium, silicon, manganese, molybdenum, copper, potassium, sodium, cobalt and boron. Especially during a treatment against Spironucleus (used to be called "Hexamita"), Hole-in-the-Head-Syndrome and HLSS a feeding with DR. BASSLEER BIOFISH FOOD LAPACHO is recommended.

DR. BASSLEER BIOFISH FOOD PUMPKIN

DR. BASSLEER BIOFISH FOOD PUMPKIN contains 2% pumpkin seeds (*Cucurbita*). Pumpkin seeds contain valuable β -sterols, phytosterols, selenium, potassium and a high proportion of vitamin E. The tocopherols and carotenoids contained have an anti-inflammatory effect. The amino acids cucurbitin and citrulline promote intestinal health. Especially during a treatment against intestinal worms a feeding with DR. BASSLEER BIOFISH FOOD PUMPKIN is recommended.

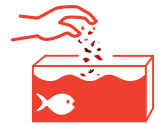
DR. BASSLEER BIOFISH FOOD SHRIMP STICKS

Premium pellet food for ornamental shrimps (e. g. *Neocaridina* sp.). The formula of DR. BASSLEER BIOFISH FOOD SHRIMP STICKS with an extraordinary high proportion of raw fibers and 0.5 % Aloe vera is perfectly balanced for the digestion of shrimps and mini-shrimps. Shrimps love DR. BASSLEER BIOFISH FOOD SHRIMP STICKS.



FRESH AND MARINE WATER Vitamin Spray for healthy, vital fish

DR. BASSLEER POWER-FISH



Add DR. BASSLEER POWER-FISH to enhance commercial ornamental fish food with important vitamins and trace elements. The addition of DR. BASSLEER POWER-FISH prevents deficiency symptoms and ensures strong and healthy fish with a good immune system.

DR. BASSLEER POWER-FISH gives usual commercial food of other brands an entry into the world of taste of DR. BASSLEER BIOFISH FOOD.

Package size: 100 ml



FRESH AND MARINE WATER With matrine and oxymatrine

DR. BASSLEER BIOFISH FOOD MATRINE

DR. BASSLEER BIOFISH FOOD MATRINE contains the valuable alkaloids matrine and oxymatrine from the plant *Sophora flavescens* (Chinese "Ku Shen"), promoting healthy fish. The mucous membrane of the skin is stimulated and leads to more protection.

DR. BASSLEER BIOFISH FOOD MATRINE is a valuable component of the BASSLEER-ANTI-ICH-METHOD.

BASSLEER ANTI-ICH-METHOD DR. BASSLEER BIOFISH FOOD MATRINE

Use the DR. BASSLEER ANTI-ICH-METHOD to control *Ichthyophthirius multifiliis* (fresh water "white-spot") and *Cryptocaryon irritans* ("marine ich"). Can be done in reef tanks, if you use PROTOMOR. This method is also effective against the "New White Spot" *Neoichthyophthirius schlotfeldti*.

- 1 Use FAUNAMOR or PROTOMOR (reef safe) according to instruction. Juvenile ICH parasite is damaged or killed. - For the "New White Spot" *Neoichthyophthirius schlotfeldti* add 3 - 5 g/l salt (depending on fish species).
- 2 Feed DR. BASSLEER BIOFISH FOOD MATRINE during the medicinal treatment for 7 days. Fresh water white spot (*Ichthyophthirius multifiliis*) and marine ICH (*Cryptocaryon irritans*) will be cured after these 7 days.
- 3 If infected by the "New White Spot" *Ichthyophthirius schlotfeldti*, continue to feed DR. BASSLEER BIOFISH FOOD MATRINE for 10 - 30 days. Adult ICH trophont will drop from fish and ICH tomites ("baby *Ichthyophthirius*") will not attach to fish.
- 4 Increase temperature by 2 - 3 °C (to 26 - 28 °C, for Discus: 30 - 33 °C). Ensure high oxygen levels.
- 5 Increase efficiency of filtration by higher flow. Use a fine physical filter (< 300 µm) and UV lamp to collect and kill ICH parasites. Regular filter cleaning. Exhaust suction should be 5 cm from the bottom of the aquarium to collect ICH tomites.
- 6 Siphoning bottom of aquarium 2 x per day (morning and evening) to remove ICH tomites and young ICH parasites.
- 7 24 hours light will decrease the development of ICH tomites. Warning: Some invertebrates do not tolerate continuous light.

DR. BASSLEER BIOFISH FOOD

FOODBOX

FOOD VARIETY FOR HEALTHY FISH



For an optimal nutrition, not only the nutritional quality but also the versatility of the diet are crucial. Even the best food is not the best possible solution either with permanent and sole use. Variety makes the difference. Even in nature, a fish does not find the same food every day. An optimal diet consists of a varying feeding with different varieties of high-quality food.

The DR. BASSLEER BIOFISH FOOD FOODBOX is the begin to enter the large selection of DR. BASSLEER BIOFISH FOOD. The attractive box contains granulated food in four different varieties, which are offered alternately to the fish.

The DR. BASSLEER BIOFISH FOOD FOODBOX is an ideal present for the ambitious aquarist, too.



DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE & TREAT ESPECIALLY FOR THE COMMERCIAL BREEDING AND FARMING



**DR. BASSLEER
BIOFISH FOOD
PROFESSIONAL CARE**

DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE and DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT are complete foods intended specifically for the commercial breeding and farming of ornamental fish. The ingredients are tailored precisely to commercial aquaculture conditions for the rearing of ornamental fish.

It is ridiculous to try to save money by feeding low budget food. Stop feeding poor quality to your fish! Feeding high quality DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE and DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT will pay for itself. Strong and healthy fish will save costs for medications and losses of fish. Less complaints of your customers will increase your profit. If you take in relation the value of fish to the costs for DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE or DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT, your daily investment for feeding this premium food will be less than 0.0001 %! Your savings will be much more!

DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE contains natural immune function boosters, such as Brazilian açai berries, glucan, algae extracts, citrus pulp, and the freshwater algae Chlorella. It is rich in carotenoids, antioxidants, vitamins and minerals. DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE guarantees successful breeding, prepares the fish for transportation, and aids their acclimatization during quarantine.

DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT aids the recovery of ornamental fish during and after medical treatment. The product contains fresh garlic, which is rich in allicin and manganese, as well as Aloe vera and the added value of peppermint, thyme, mugwort and chickweed. These herbs strengthen the defenses and power of resistance of the ornamental fish and therefore help to keep the fish healthy. Emaciated fish quickly regain weight.



**DR. BASSLEER
BIOFISH FOOD
PROFESSIONAL TREAT**

DR. BASSLEER BIOFISH FOOD FLAKE FOOD FOR A BALANCED DIET



Ornamental fish fed with DR. BASSLEER BIOFISH FOOD flakes show excellent condition and healthy natural coloring.

DR. BASSLEER BIOFISH FOOD flake food contains all the natural constituents of a balanced diet.

If even flake food, then DR. BASSLEER BIOFISH FOOD flake food. Only high-quality ingredients are used for this special premium food. The special production process connects each individual flake with fine granules. Due to this process the flakes have the very special appearance with a rough surface.

Ornamental fish fed with DR. BASSLEER BIOFISH FOOD flakes show excellent condition and healthy natural coloring. They also grow faster and their fertility rate is higher.





FRESH AND MARINE WATER

Flake food for
all ornamental fish



FRESH AND MARINE WATER

Flake food for
all herbivore ornamental fish



FRESH AND MARINE WATER

Flake food with extra
protein content



FRESH AND MARINE WATER

Flake food to strengthen
the immune system

DR. BASSLEER BIOFISH FOOD REGULAR FLAKE

DR. BASSLEER BIOFISH FOOD REGULAR FLAKE with the typical rough surface is a high quality complete food for all ornamental fish.

DR. BASSLEER BIOFISH FOOD FLORA FLAKE

Complete food especially for all herbivore (= "vegetable nutrition") ornamental fish. The formula is especially adapted to the digestive tract of ornamental fish that naturally feed primarily herbivore.

DR. BASSLEER BIOFISH FOOD EXCEL FLAKE

DR. BASSLEER BIOFISH FOOD EXCEL FLAKE contains an extraordinary high proportion of valuable proteins. It thus promotes the growth and muscle building.

DR. BASSLEER BIOFISH FOOD FORTE FLAKE

A 10-days fitness treatment with DR. BASSLEER BIOFISH FOOD FORTE FLAKE every 3 - 4 weeks strengthens the immune system.





FIRST AID FOR ORNAMENTAL FISH

SIMPLE, SAFE AND EFFECTIVE

Our goal is to help you to reestablish the health and wellbeing of your ornamental fish through an effective, reliable and safe treatment.

To achieve this goal we offer a balanced line of medical products to treat the most common illnesses. From universal to specific applications, from an uncertain to a specific diagnosis: the range of medical products offered by Aquarium Münster covers a wide spectrum of indications.

Discover for yourself how easily you can familiarize yourself with the symptoms of most typical illnesses and how you can treat these with a manageable number of medical products. Regardless of your level of experience, simplicity and security in administration are the keys to successful and rapid treatment. For the health of your ornamental fish and for your enjoyment of your aquarium.

All medical products from Aquarium Münster are manufactured with the GMP guidelines - the pharmaceutical industry's internationally standardized quality standards.

Our products are the result of many years of research, development and testing. In conjunction with continuous monitoring this offers you the security of knowing you are using products with a high degree of effectiveness, reliability and tolerance. In the end all this benefits your ornamental fish.

The range of remedies of Aquarium Münster cover a wide spectrum of indications.



SECURE HELP AGAINST PROTOZOA AND FUNGAL INFECTIONS

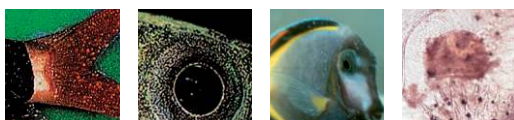
Ornamental fish infected with protozoa become apathic and lose weight rapidly. The gills remain open and the fish exhibits increased respiratory activity up to acute respiratory distress.



Velvet

Velvet infections are usually caused by protozoan parasites. Visible symptoms are white, granular lesions (Ichthyophthirius), pale grey velvet-like films or barely visible spots on the gills, fins and body, which may spread.

Infected ornamental fish contract their fins and attempt to remove the parasites by rubbing. Fish on which the infection is particularly pronounced on the gills quickly become apathic and lose weight rapidly. The gills remain open and the fish exhibits increased respiratory activity which can reach levels of acute respiratory distress.



Ichthyophthirius and **Neoichthyophthirius** ("White Spot"), **Oodinium ocellatum** (coral fish disease), **Cryptobia**, **Cryptocarium**, **Brooklynella**, **Chilodonella**, **Ichthyobodo**, **Trichodina**

Fungus

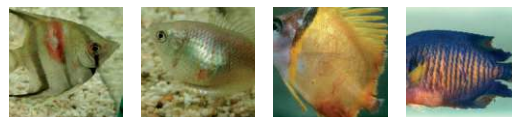
Cotton-like tufts on the gills, body and fins are visible indications of the infection. Advanced stages are frequently accompanied by secondary bacterial infections.



Achlya, **Saprolegnia**

Bacterial infections

Visible symptoms for bacterial infections are changes such as losses of skin and scales, areas of surface cracking to deep pitting, wounds, ulcers, frayed fins, popeye ("Exophthalmus"), lurching movements, spasms, distended abdomen ("dropsy"), protruding scales.



Aeromonas, **Streptokokken**, **Columnaris**, etc.



FAUNAMOR AGAINST WHITE SPOT

FAUNAMOR interrupts the disease's development cycle, heals Ichthyophthirius and Neoichthyophthirius infections and prevents potential secondary bacterial infections.

Package sizes:

for 600/3,000/30,000 l (159/793/7,925 gal) aquarium water

FRESH WATER

Against Ichthyophthirius, Neoichthyophthirius
and secondary bacterial infections



ODIMOR AGAINST SPOTS AND VELVET-LIKE FILMS

ODIMOR acts quickly and reliably against all kinds of protozoa. Treatment with ODIMOR effectively controls parasites and quickly stops the progress of disease.

Package sizes:

for 500/2,500/25,000 l (132/660/6,604 gal) aquarium water

FRESH AND MARINE WATER

Against protozoa
("Velvet")



DESSAMOR AGAINST COTTON-LIKE TUFTS

DESSAMOR heals and is an effective preventative. It fights against the fungal infection and protects against potential associated bacterial infections. DESSAMOR is highly effective and very well tolerated (not for invertebrates).

Package sizes:

for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water

FRESH AND MARINE WATER

Against fungal diseases and
secondary bacterial infections



PROTOMOR AGAINST SPOTS AND VELVET-LIKE FILMS

PROTOMOR is used especially for the initial stage of infections and slight diseases. It is tolerable for invertebrates like corals, anemones, snails, mussels.

Package sizes:

for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water

SAFE FOR
CORALS

FRESH AND MARINE WATER

Against protozoa
("Velvet")

Infections of ornamental fish with worms, multicellular parasites or intestinal flagellates may be introduced by wild-caught fish or live food.



HELP FOR YOUR FISH WORMS, PARASITES AND INTESTINAL FLAGELLATES

Worms and other parasites

Fish infected with gill flukes show signs of rapid breathing. The symptom of tapeworm infection in fish is acute weight loss despite normal feeding habits. Fish which are infested with skin flukes try to rid themselves of the parasites by rubbing and scratching. Fish lice and anchor worms are clearly visible on the skin.

Skin flukes (Gyrodactylus), gill flukes (Dactylogyrus), tape worms (Cestodes), fish lice (Argulus) and anchor worms (Lernaea)

Intestinal flagellates

Symptoms of intestinal flagellates include weight loss, whitish-slimy faeces, a tendency to remain in isolation from other fish and, in advanced stages, whitish holes developing around the head, especially in cichlids like the discus ("hole in the head disease").

Spironucleus (used to be called "Hexamita")



FRESH AND MARINE WATER
Against skin flukes, gill flukes
and tape worms

DACTYMOR FORTE (ACTIVE INGREDIENT: CYROMAZINE) AGAINST RESPIRATORY PROBLEMS, LOSS OF WEIGHT, WHITISH FECES

Treatment against skin flukes (*Gyrodactylus*), gill flukes (*Dactylogyrus*) and tape worms (Cestoidean)

Package sizes:

for 400 l / 2.000 l / 20.000 l (106/528/5,283 gal) aquarium water

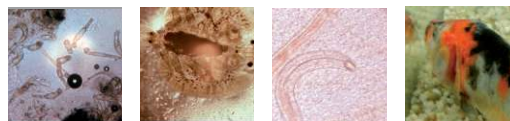


FRESH AND MARINE WATER
Against skin and gill flukes,
tape worms, fish lice, anchor worms

ARGUMOR, ACTIVE INGREDIENT: DIFLUBENZURON AGAINST FISH LICE AND ANCHOR WORMS

ARGUMOR treats fish lice (*Argulus*, *Livoneca*, etc.) and anchor worms (*Lernaea*).

Package sizes: for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water



Infected fish may show symptoms like yellow/white mucous-like films, wounds and inflammations.



UNIVERSAL TREATMENT AGAINST NUMEROUS INFECTIONS

Infectious diseases in ornamental fish often show symptoms such as yellow/white mucous-like or cotton-like films as well as ulcers, wounds and inflammation.

Other indications include bloody spots, loss of skin and scales, raised scales, fin rot, darkening of the mucous membrane, whitish mouth, lurching movements ("staggering disease"), pop-eye (exophthalmia) as well as swollen abdomen ("dropsy").

Sometimes the diagnosis is uncertain. Secondary infections that weaken the fish, make it difficult to identify the main infection itself. In some cases there may be various infections parallel. In these cases, a treatment with an universal treatment that covers a wide spectrum of agents, is recommended.

In hopeless cases it might be necessary to kill a sick, intractable fish humanely and painlessly.



FRESH AND MARINE WATER

Against most infections of ornamental fish

MEDIMOR AGAINST NUMEROUS DIFFERENT SYMPTOMS

MEDIMOR is a particularly reliable, effective and well tolerated treatment against most infections. With the active ingredient Methyl orange medimor has a very effective component against bacteria.

Package sizes:

for 800/2,670/26,700 l (211/705/7,053 gal) aquarium water



FRESH AND MARINE WATER

For the treatment of fish, invertebrates and for disinfection

EKTOMOR AGAINST NUMEROUS DIFFERENT SYMPTOMS

The formular of EKTOMOR has a disinfectant effect and fights the illness. EKTOMOR can be used in different concentrations from prophylactic use to disinfections up to healing.

Package sizes: for 500/2,500/25,000 l (132/660/6,604 gal) aquarium water



SAFE FOR CORALS



FRESH AND MARINE WATER

Against bacteria, viruses and other infections

VIRUMOR (ACTIVE INGREDIENT: PENTAKALIUM-BIS(PEROXYMONOSULFAT)-BIS(SULFAT) AGAINST SWELLINGS, WOUNDS, ULCERS, FIN ROT

VIRUMOR, active ingredient: potassium peroxymonosulphate, treatment against bacterial infections (Aeromonas, Pseudomonas, Streptococcus, Columnaris, etc.), viral diseases (KHV, ISA and IPN, etc.) and fungal infections (Saprolegnia, Achlya).

Package size:

for 200/12,000 l (53/3,170 gal) aquarium water



FRESH AND MARINE WATER

For tranquillisation, anaesthetisation, sedation and euthanasia

NARCOMOR PLUS (ACTIVE INGREDIENT: PHENOXYETHANOLE) FOR TRANQUILLISATION, ANAESTHETISATION, SEDATION AND EUTHANASIA

Animal welfare-approved treatment for the pain-free anaesthetisation, sedation, tranquillisation or for the humane putting down (euthanasia) of incurably ill ornamental fresh water and marine fish.

Package size:

100 ml

Our filter media remove finer dirt and mechanical opacities. The care products bind, neutralize or remove harmful substances reliably.



AQUAVITAL SYSTEMATIC PROTECTION AND CARE

Hazardous environmental influences present an ever increasing burden on our daily life.

This is a development that also affects ornamental fish. And it starts in the aquarium water whose quality is, after all, decisive for the aquarium's biological equilibrium. The AQUAVITAL system - whose individual products have been selected to optimally supplement one to each other - creates ideal living conditions in the aquarium.

Aside from the coarse contaminants that are trapped by the filter material (mechanical filtration), water also contains toxic chemical elements. These degradation products of organic waste (fish excrement, plant residue, excess food) are broken down by efficient filters. The mechanical filtration is done in the different layers of filter materials of different density.

Important function of the filter material for the biological filtration is the ability to host the greatest possible number of microorganisms to clean the aquarium water of its organic waste. Aquarium Münster products for the mechanical and biological filtration are characterized by their high level of quality and complete each other perfectly.

In addition to that, the water may be contaminated by heavy metals, phosphates or other harmful substances. Many aquarists do not know, that in many countries almost all water suppliers from time to time use chlorine to prevent the contamination of the transmission network. With the various water conditioners of the aquavital series contaminants are reliably bound, neutralized or removed.



FRESH WATER

Reliable analysis of the six most important parameters in 60 seconds

AQUAVITAL MULTITEST 6in1

The AQUAVITAL MULTITEST 6in1 allows you to quickly, easily and reliably determine the six most important parameters for fresh water: pH, Total Hardness (GH), Carbonate Hardness (KH), Nitrite (NO₂), Nitrate (NO₃) and Chlorine (Cl₂).

Package size:

50 x 6 tests = 300 tests



MARINE WATER

Reliable analysis of five important parameters in 60 seconds

AQUAVITAL MARINE-TEST 5in1

The AQUAVITAL MARINE-TEST 5in1 allows you to quickly, easily and reliably determine five important parameters for marine water: pH, Carbonate Hardness (KH), Nitrite (NO₂), Nitrate (NO₃) and Calcium (Ca).

Package size:

50 x 5 tests = 250 tests



FRESH AND MARINE WATER

With bio-colloids
+ power chlor-ex

AQUAVITAL CONDITIONER+

AQUAVITAL CONDITIONER+ binds and neutralizes harmful heavy metals, neutralizes chlorine in a few seconds and stabilizes the pH. Valuable bio-colloids benefit the protecting mucous membrane.

Package sizes:

for 100/500/1,250/25,000 l

(for 26/132/330/6,604 gal)

aquarium water



FRESH AND MARINE WATER

With Aloe vera,
iodine and vitamin C

AQUAVITAL STRESS-PROTECT

With a balanced combination of 40 % Aloe vera together with iodine and vitamin C, AQUAVITAL STRESS-PROTECT strengthens the immune system of ornamental fish making them more resistant to pathogens and promoting healing.

Package sizes:

for 100/500/1,250/25,000 l

(for 26/132/330/6,604 gal)

aquarium water



FRESH AND MARINE WATER

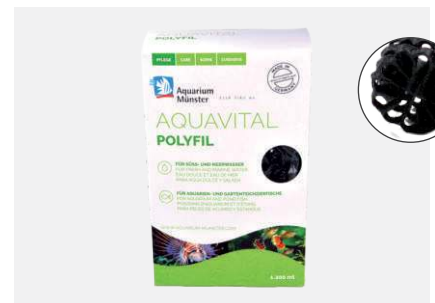
Optimal settlement of microorganisms on 1,250 m² per litre

AQUAVITAL ZERANIX

AQUAVITAL ZERANIX is a purely natural silicate stone that is characterised by its extremely large available surface area of 1,250 square meters per litre. It provides home not only for aerobic bacteria but also for anaerobic bacteria.

Package sizes:

1,200 ml (317 gal)



FRESH AND MARINE WATER

Innovative synthetic filter holders
for all kind of filters

AQUAVITAL POLYFIL

The special design of the AQUAVITAL POLYFIL filter holders prevents from becoming wedged together. The structure of the surface is particularly conducive to the optimum settlement of microorganisms. AQUAVITAL POLYFIL is easily washed out and boasts an almost unlimited scope of application.

Package size:

1,200 ml (317 gal)



FRESH WATER

Highly concentrated humic acid
lowers the pH effectively

AQUAVITAL BLACK PEAT

Thanks to the wide range of organic substances and its 30 % humic acid content, AQUAVITAL BLACK PEAT is able to maintain ideal and constant pH values for ornamental fish from all soft-water areas.

Package sizes:

1,200 ml (317 gal)



FRESH AND MARINE WATER

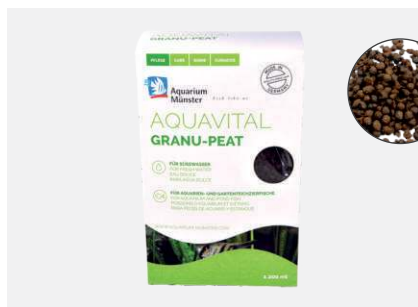
Classical white filter floss
for fine filtration

AQUAVITAL WHITE MAGIC

AQUAVITAL WHITE MAGIC filter floss is a fully synthetic, fine filter floss. It is chemically neutral and can be used in fresh and marine water. It is easily washed out and can be used several times.

Package sizes:

100 g/250 g/500 g (3.5/8.8/17.6 oz)



FRESH WATER

lowers the pH
with long-term effect

AQUAVITAL GRANU-PEAT

Granulated pure peat is the nearly dust-free alternative with long-term effect. Thanks to its special granulated form AQUAVITAL GRANU-PEAT uniformly releases valuable humic acid, trace elements, growth and mineral materials into the aquarium water, thus guaranteeing a long-term effect and water acidification.

Package size: 1,200 ml (317 gal)



FRESH AND MARINE WATER

ph-neutral activated carbon
without phosphates

AQUAVITAL CARBON

AQUAVITAL CARBON is a high performance activated carbon made of valuable hard coal. Due to the special pellet-form AQUAVITAL CARBON is highly resistant to mechanical strain and has a very low share of dust.

Package sizes:

500 ml/1,000 ml (16.9/33.8 oz)



FRESH AND MARINE WATER

Fully synthetic filter medium
for internal and external filters

AQUAVITAL BLUE MAGIC

AQUAVITAL BLUE MAGIC filter floss is a fully synthetic filter medium for use in all commercially available internal and external filters. AQUAVITAL BLUE MAGIC filter floss is also used as spawning substrate and to clean glass without leaving any scratches.

Package sizes:

100/250/500 g (3.5/8.8/17.6 oz)



AQUAVITAL PHOSPHATE ADSORBER

AQUAVITAL PHOSPHATE ADSORBER is a moisty phosphate binder with extraordinary high exhaustion rates. Even after exhaustion of the material there is no emission of phosphate to the water, like with many other similar products.

CAPACITY:
> 50 g PO₄/kg
SURFACE (BET):
300 m²/g
PELLET SIZE:
0,5 - 2,0 MM

Package sizes:

250/1,000 ml (8.5/33.8 oz)

FRESH AND MARINE WATER

Adsorbs phosphate and silicate
without releasing aluminium



AQUAVITAL BACTOSPRINT

Innovative 2-components-product. The balanced mixture of bacteria and enzymes in the sealed capsule of the cap is activated in a nutrient solution immediately before use. AQUAVITAL BACTOSPRINT shortens the aquariums "set-up-phase", neutralizes ammonium, ammoniac, nitrite and nitrate and strengthens the ecosystem.

Package sizes:

for up to 100 l (26.4 gal) of water

for 100 - 500 l (26.4 - 132 gal) of water

6-weeks-cure for 100 - 500 l (26.4 - 132 gal) of water

FRESH AND MARINE WATER

Active in one turn!



AQUAVITAL PLANTAPLUS

Highly effective compound fertilizer with plant nutrients and trace elements. The use of AQUAVITAL PLANTAPLUS guarantees abundant growth, even in problem plants, without excessive algae formation. In addition to the valuable trace elements (e.g. manganese, zinc, cobalt), AQUAVITAL PLANTAPLUS contains a high-quality form of bivalent iron. AQUAVITAL PLANTAPLUS does not contain phosphates or nitrates.

Package sizes:

for 100/500/1,250/25,000 l (26/132/330/6,604 gal) aquarium water

FRESH WATER

Compound fertilizer
for aquarium plants



AQUAVITAL POND PEAT

AQUAVITAL POND PEAT is a pure natural black peat without any chemical additives. Highly effective humic acid makes the water soft and lowers the pH. AQUAVITAL POND PEAT contains 30 % of weight humic acids and therefore is extraordinary effective.

Package size:

10 l for approx. 4,000 l of pond water

(2.6 gal for 1,057 gal of pond water)

FRESH WATER

To strengthen
the ecosystem regularly



FRESH AND MARINE WATER

Glues and seals
under water

ORCA UNDERWATER GLUE

Glues and seals even in full aquariums or ponds. Does not contain any solvents, isocyanates and silicones. Can perfectly be used for sealing in moisture and high temperatures.

Package sizes:

75/315 g/450 g (2.6/11.1/15.9 oz)



FRESH AND MARINE WATER

For temporary repairs

ORCA TAPE

Self-fusing tape to seal damaged pipes and to insulate electric cables. orca tape can be applied to virtually any material. It is ideal for temporary repairs.

Package size:

1 role at 3 m (118 in)



FRESH AND MARINE WATER

Fast and easy connection of corals
and decoration materials

ORCA CONNECT

For fixing corals and aquarium decoration. Very easy and clean to handle. Chemically neutral, does not release any undesirable substances to the aquarium water. Any unused material residues can be used by remelting fully again.

Package size:

150 g (5.3 oz)



FRESH AND MARINE WATER

Epoxy-2-components-glue

ORCA CONSTRUCT

2-components-glue for fixing corals, decorations and stones. For the repair of damages and holes on pipes, sanitary equipments, pools, tanks, etc.

Package size:

115 g (4 oz)



FRESH AND MARINE WATER

Glues in seconds

ORCA GEL-SUPERGLUE

For under water fixing of corals (e. g. Acropora) and water plants (e. g. in nano aquariums). ORCA GEL-SUPERGLUE dissolves completely in water over time and is therefore ideal for fixing growing reef elements or water plants.

Package size:

50 g (1.8 oz)



FRESH AND MARINE WATER

2 components repair glue

ORCA 2-REPAIR

ORCA 2-REPAIR is a repair adhesive made of two components that form a very strong and permanent bond within seconds. It can also be used to reliably repair cracks and fractures and fill in missing material.





PURECLEAN PUMP CLEANER

PURECLEAN is an effective product for descaling and cleaning pumps, CO2 reactors and similar aquarium or pond equipment. The product is much more effective and acts far more quickly than substances like vinegar or citric acid.

Package size:
500 ml



Pump, calcified



Pump, decalcified
with PURECLEAN

FRESH AND MARINE WATER
Intensive cleaning and descaling



SMART MOVE ACCLIMATISATION KIT

Professional tool with the necessary components to gently acclimate new livestock



FRESH AND MARINE WATER
Acclimatisation of new livestock



MISTRAL 300 + 600 AIR PUMP

MISTRAL air pumps have a durable body of aluminium and offer a long service life, even when operated continuously. They are very powerful with a low consumption of electricity and offer minimal vibration and quiet operation. The airflow can be regulated electronically.

Sizes:

MISTRAL 300: 150 l/h (39.6 gal/h)

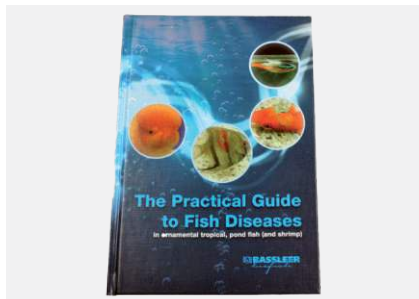
MISTRAL 600: 480 l/h 127 gal/h)

FRESH AND MARINE WATER
Robust and durable
in continuous operation



DIAGNOSTICS

HELP FOR DIAGNOSTICS

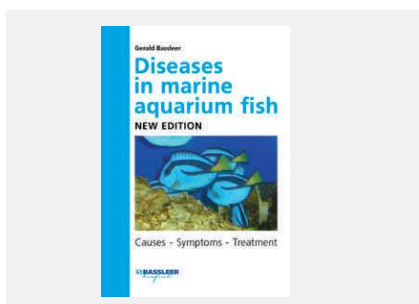


THE PRACTICAL GUIDE TO FISH DISEASES

Literature

GERALD BASSLEER THE PRACTICAL GUIDE TO FISH DISEASES

The little subsidiary of the elder brother "The new illustrated guide to fish diseases". It contains the best parts and selected pictures, extended and updated with a part about diseases of shrimps, new knowledge and active agents.



DISEASES IN MARINE AQUARIUM FISH

Literature

GERALD BASSLEER DISEASES IN MARINE AQUARIUM FISH

The new edition "Diseases in marine aquarium fish, Causes – Diagnosis – Treatment" provides important information on diseases of marine aquarium fish in a simple, easy-to-understand language.

This book is essentially based on the third edition published in 2006 and has been supplemented by new findings and treatment methods. It belongs in the bookshelf of every ambitious seawater aquarist.



AQUATIC ACCESSORIES

DECORATION AND REEF BUILDING

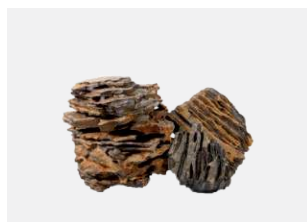


All items are 100 % natural, free from any contaminants and comply to the current legislation for the protection of species and nature.

EXTRACT FROM
OUR PROGRAM



JURASSIC REEF-ROCK



CANYON PAGODE



LAVA



VUKA-WOOD



NANO HOLESTONE



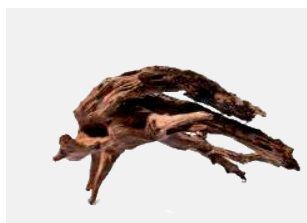
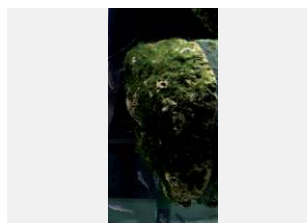
ASIAN HOLESTONE



MOPANI WOOD



RED SWAMP ROOT

**MINI-LANDSCAPE****LIGHT PAGODE****STONE WOOD****LEOPARD SPOT****MINI-LANDSCAPE BLACK****DECO-SETS
DIFFERENT VARIETIES****STONE LEAVES****GREY MOUNTAIN****RIVER ROOT****TALAWA WOOD****AQUARIUM ROCK****DARK BLUE SKY ROCK****SWIMMING ROCK****WALL ROCK****MANGROVE
STEELBLASTED****AQUA BONSAI**



COMFORT, EFFICIENCY, SECURITY

AQUA-CLIPPER SEALING SYSTEMS

AQUA-CLIPPER are on duty worldwide for decades. They fill up a fish transport bag with pure oxygen and seal it absolutely tight with a clip made of aluminium.

This makes a transport safe without any problems even for many hours. AQUA-CLIPPER sealing machines are fully automatic, very robust and easy and efficient in handling.

AQUA-CLIPPER have got a body made of stainless steel. It does not matter if you use an AQUA-CLIPPER in moist tropical heat or polar climate, in conjunction with fresh water or marine water. We have many experiences through longterm users in every region of the world. AQUA-CLIPPER manage any kind of fish transport bag made of various materials, from single mini-bag up to big double-bags. Anyone who has to deal with packaging of fish, appreciates the easy handling and the huge tempo of output.

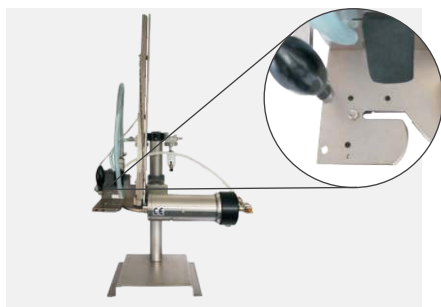
To fill up a bag with oxygen and seal it is a matter of a few seconds.

And as it is known that time is money, the system is especially convincing when looking at the economy.



We have a suitable AQUA-CLIPPER for any purpose. Please ask for our advice.





AQUA-CLIPPER 206 + 406

For bags up to 50 cm width

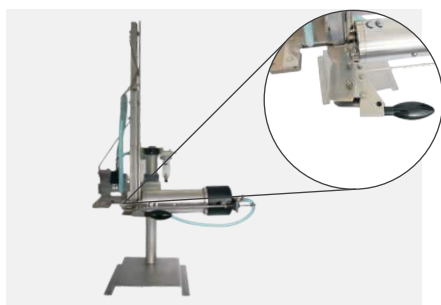
The models AQUA-CLIPPER 206 and AQUA-CLIPPER 406 with slot clip zone are the first access to the world of AQUA-CLIPPER sealing systems. They provide full functionality for fish transport bags up to 50 cm (= approx. 2") width.

AQUA-CLIPPER MODEL AQUA-CLIPPER 206

Clip types for bags	175, 200 width max. 33 cm (13 in) with a thickness of max. 80 µm (3 mils)
Magazine capacity	240 clips
Weight without stand	approx. 11 kg (24 lbs)
Dimensions (W x D x H)	52 x 25 x 64 cm (20 x 10 x 25 in)
Air pressure	max. 6 bar (90 p. s. i.)
Air consumption	4 NL each cycle at 6 bar (90 p.s.i.)

AQUA-CLIPPER MODEL AQUA-CLIPPER 406

Clip types for bags	370, 400, 425, 450 width max. 50 cm (20 in) with a thickness of max. 80 µm (3 mils)
Magazine capacity	240 clips
Weight without stand	approx. 11 kg (24 lbs)
Dimensions (W x D x H)	52 x 25 x 64 cm (20 x 10 x 25 in)
Air pressure	max. 6 bar (90 p. s. i.)
Air consumption	4 NL each cycle at 6 bar (90 p.s.i.)



AQUA-CLIPPER 407

Universal machine

for small bags as well as bigger bags

AQUA-CLIPPER MODEL AQUA-CLIPPER 407

Clip types for bags	370, 400, 425, 450 width 20 - 50 cm (8 - 20 in) with a thickness of max. 100 µm (4 mils)
Magazine capacity	240 clips
Weight without stand	approx. 11 kg (24 lbs)
Dimensions (W x D x H)	52 x 25 x 64 cm (20 x 10 x 25 in)
Air pressure	max. 6 bar (90 p. s. i.)
Air consumption	4 NL each cycle at 6 bar (90 p.s.i.)

Extra options

Option 407 vario	with Y-magazine for the fast switch of clips
Option 407 plus	with lever for the packaging on the assembly line
Option 407 vario plus	with Y-magazine and lever

The model AQUA-CLIPPER 407 is the comfort model for most sealing tasks in fish transport. Due to its clip zone with gatherer even thicker bag material can be introduced into the machine. Small bags as well as big bags are handled reliably with AQUA-CLIPPER 407. Especially double-bags can be sealed in one operation. With extra options AQUA-CLIPPER 407 can be upgraded for many tasks.



Y-MAGAZINE

For the simultaneous utilization of two different sizes of clips



LEVER

Especially for shippers who are packing on the conveyor belt



HIGH PRECISION CLIPS

Full performance and security with high precision clips

AQUA-CLIPPER Y-MAGAZINE

Due to the Y-magazine the AQUA-CLIPPER can be loaded with two different sizes of clips.

If you are handling different sizes of bags permanently, you can change between two sizes of clips with one single stroke.

AQUA-CLIPPER LEVER

Especially for shippers who are packing on a large scale on the conveyor belt, a lever was developed with which the seal comes to the bag and not the other way round any more. The result: More seals with less need of energy. The bags remain in the box and can be moved by the conveyor belt.



AQUA-CLIPPER HIGH PRECISION CLIPS

Only by using high grade original clips, the AQUA-CLIPPER sealing system can reach its full performance and security. The utilization of low grade clips of asian or american origin may affect the tightness of the sealed bag and damage the AQUA-CLIPPER by enduring usage. Even a small, barely visible burr or a small groove can make the bag losing oxygen within the hours of transport. Our high precision clips are purpose-built especially for the packaging of ornamental fish. Each single clip is manufactured and deburred with high precision. A coating of wax will lead to exact handling by the AQUA-CLIPPER and extends the lifetime of the matrix that is forming the clips.

AQUARIUM MÜNSTER – FISH LIKE US



Ornamental fish and the name Pahlsmeier and Aquarium Münster have been connected inseparably for decades. Everything began with an ornamental fish breeding concern founded by Adolf Pahlsmeier Snr. in 1926, which was soon to achieve international recognition.

Under the management of Adolf Pahlsmeier jr. the company developed further to an ornamental fish wholesaler. Import and Export were now in the foreground.

With the pioneering invention of FAUNAMOR, the first remedy against Ichthyophthirius (white spot disease), the business concept was changed in 1968. The range of high quality aquatic products was extended on a continual basis and is today the most important branch. Milestones during this period were the sole distribution of FURANACE-P (later: AQUAFURAN) and the development of the patented dosing system series-P. Other innovations are the AQUA-CLIPPER, different underwater glues and AQUAVITAL BACTOSPRINT, the first 2-components-product with immobilized microorganisms that are activated immediately before use.

In recent years the company developed into a service provider for contract production and services to meet legal regulations and pharmaceutical standards. Today the company is managed by Dirk Pahlsmeier, Mark Pahlsmeier and Moritz Pahlsmeier. Aquarium Münster partners are found in all important markets all over the world.



Dirk Pahlsmeier



Mark Pahlsmeier



Moritz Pahlsmeier



Aquarium Münster Pahlsmeier GmbH
Galgheide 8
D-48291 Telgte (Germany)

Phone: +49 2504 9304-0
Fax: +49 2504 9304-20

www.aquarium-munster.com
info@aquarium-munster.com