



# PRODUCT INFOBOOK 2019



<i>Product group</i>	<i>Freshwater</i>	<i>Marine</i>
<b>Water treatment</b>		
Easy-Life Fluid Filter Medium	•	•
AquaMaker	•	•
EasyStart	•	•
<b>Plant food</b>		
ProFito	•	
EasyCarbo	•	
Ferro	•	
Potassium	•	
25 Root Sticks	•	
	•	
<b>Algae stain remover</b>		
AlgExit	•	
Blue Exit	•	
Excital		•
<b>Fishcare &amp; health</b>		
Voogle	•	•

Product group	Freshwater	Marine
<b>Water Tests</b>		
6in1 Test Strips	•	
Potassium (K)	•	
Phosphate Ultra Sensitive (PO <sub>4</sub> )	•	•





## Easy-Life Fluid Filter Medium

*The ultimate water treatment that does not contain chemicals*

**Easy-Life Fluid Filter Medium is the most versatile water treatment product on the market. It can be used to make water crystal clear. It is used for water preparation, as well as a maintenance product, a stimulator (e.g. for plant growth) and a prophylaxis (to prevent infections). It effectively solves a wide range of freshwater and saltwater problems. Furthermore, it is made from 100% natural products and is extremely safe to use.**



Easy-Life Fluid Filter Medium (Easy-Life FFM) is a unique product which greatly simplifies the keeping of fish, plants and invertebrates in freshwater and marine aquaria. Easy-Life FFM does not only make the water crystal clear, but also produces healthy, active and colourful fish. Easy-Life FFM contributes to a superior water quality (so that the water has to be changed less often) and a reduced growth of algae, and it greatly reduces the stress of the living creatures. Easy-Life FFM is a natural product and does not contain chemical additives, but still has more than 30 positive effects!

### **Easy-Life FFM has a wide range of positive effects:**

#### **Water**

- Makes the water crystal clear
- Greatly improves and stabilizes the water quality
- Removes heavy metals (such as copper and cadmium), ammonium, chlorine, chloramine, chemicals and medicine residue
- Accelerates cycling of new aquariums (usually no nitrite peak)
- Stimulates the growth of useful bacteria
- Counteracts the formation of algae
- Improves the performance of the biofilter
- Removes nasty odours

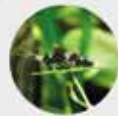


## Fish

- Makes fish more lively, they eat more and get vibrant colours
- Reduces stress
- Makes fish recover more quickly and develop better physical resistance
- Prevents and cures bacterial infections (such as fin rot and infected wounds)
- Provides efficient protection for the mucous skin
- Wounds heal more quickly
- Neutralizes harmful bacteria
- Fish recover more quickly after medical treatment
- Stimulates breeding
- Fry grow twice as quickly
- Considerably reduces the quarantine time
- Ensures a considerably reduced loss of fish during long distance transport

## Plants (freshwater) and corals (saltwater)

- Better growth and a more vibrant colour



## EASY-LIFE FFM: TIPS FOR USE IN FRESHWATER AND MARINE AQUARIUMS

### Maintenance of all types of aquaria

<i>First time usage</i>	Full dosage
<i>Monthly maintenance</i>	Full dosage
<i>Water change</i>	Full dosage for refill water

### Small problems

<i>Slight stress, discomfort, fish becoming darker in colour, timid and nervous fish, slight contamination of the water</i>	Double dosage and, if necessary, repeat the treatment a day later
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## More serious problems, quarantine and transport

*Serious stress, bacterial infections (fin rot, sticky fins, internal and/or external injuries), damage to the skin mucous, heavy contamination of the water, fungi, after medical treatment, during (long-distance) transport and quarantine*

Triple dosage and, if necessary, repeat the treatment a day later

## Packaging quantities

100 ml - 250 ml - 500 ml - 1000ml - 5000 ml



## AquaMaker

*MAKES AGGRESIVE TAP WATER IMMEDIATELY SUITABLE*

**AquaMaker is a powerful, fast working water conditioner. It makes aggressive tap water immediately suitable for all freshwater and marine aquariums. AquaMaker can also be used in reef aquariums and garden ponds. It is absolutely safe for all fish, plants, corals, shrimps, snails and the biological filter.**

### **AquaMaker is very versatile:**

- Removes chlorine
- Removes chloramine
- Removes heavy metals like copper, zinc and lead
- Binds and detoxifies poisonous ammonia
- Binds and neutralizes toxic nitrite
- Binds and neutralizes nitrate
- Destresses fish
- Protects the mucous membrane and gills of fish



AquaMaker has no impact on the pH, KH or GH. Furthermore, AquaMaker will not overactivate skimmers.

### **Use**

AquaMaker is best added to the tap water used for the water change. Only use the dose for the volume of this new tap water. Thus, aggressive substances are immediately neutralized.

AquaMaker can of course also be added directly to the aquarium. In this case, base the dosage on the total volume of the aquarium water.



## Example: dosing to tap water for water change

Five buckets of each 10 liters are filled to change water. Dose 2 ml of AquaMaker in each bucket and mix it. The mixture can be added to the aquarium right away, because AquaMaker works instantly.

## Example: dosing to an aquarium

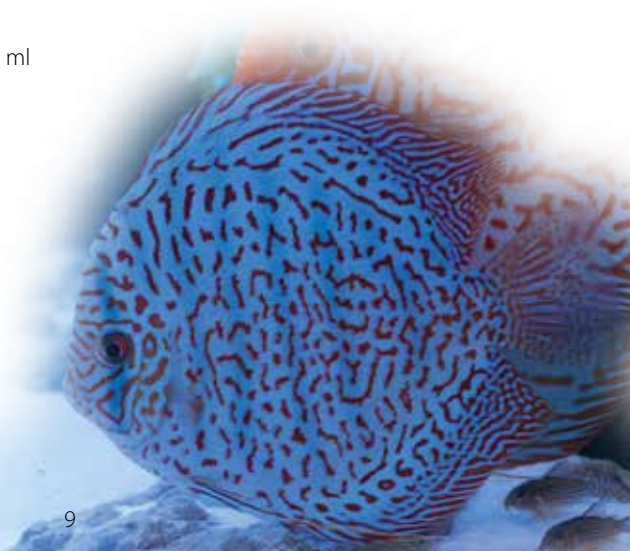
An aquarium has a water volume of 100 liters and 20 liters of water is changed. The dosage of AquaMaker is for the full water content, in this case 100 liters. The addition to the aquarium water should be 20 ml of AquaMaker.

**Deviating dosages – concentrations of chloramine, chlorine and nitrite & water temperature higher as 30 °C. Shake before use. The product may release a sulfur odor.**

<i>standard dosage (water change)</i>	10 ml per 50 liters
<i>low concentrations chlorine, chloramine or ammonia</i>	5 ml per 50 liters
<i>high concentrations chlorine, chloramine or ammonia</i>	20 ml per 50 liters
<i>very high nitrite concentrations (3 mg/l or higher)</i>	30 ml per 50 liters
<i>very high ammonia concentrations (1 mg/l or higher)</i>	30 ml per 50 liters
<i>water temperature above 30 °C (dosage: half te</i>	5 ml per 50 liters

## Packaging quantities

100 ml - 250 ml - 500 ml - 1000 ml - 5000 ml



## EasyStart

*Making aquarium water suitable for fish*

**EasyStart is a filter starter. Its objective is to quickly purify and stabilize the water when cycling a new freshwater or marine aquarium, so that it is suitable for fish.**

EasyStart is a unique combination of highly active bacteria cultures. The unique bacteria carrier ensures an accelerated increase in useful bacteria, so that, for example, the creation of poisonous nitrite can be avoided. It also helps to reduce the effects of harmful bacteria and rids the water of heavy metals and other chemical contamination. The result is a healthy aquarium with lively fish which have vibrant colours.



### TIPS FOR USE

<i>On the first day</i>	Full dosage
<i>After a week</i>	Full dosage
<i>Continued usage</i>	The normal maintenance programme
<i>To prevent a nitrite peak. Measure nitrite with the Easy-Life 5in1 Test Strips.</i>	

### Packaging quantities

100 ml - 250 ml - 500 ml - 1000 ml - 5000 ml



## ProFito

*Universal plant food*

**Easy-Life ProFito is an all-in-one, universal plant food which is suitable for all water plants in aquaria. The composition of ProFito ensures strong, healthy and lush plant growth. Thanks to the optimal composition of the ingredients, plants have everything they need for unhindered, strong and lush growth.**

### Product benefits

- Highly concentrated, all-in-one, universal plant food
- All the necessary nutrients in a single product, such as iron, potassium and manganese
- Strong, healthy and lush plant growth
- Promotes the production of cytokinins, which stimulates the division of cells
- Produces wider leaves and intense colours
- Improves and consolidates the biological balance in the aquarium
- Contains no nitrates or phosphates
- Extremely economical to use

### ProFito stimulates the division of cells

The high concentrations of, in particular, iron, potassium and magnesium in ProFito fulfil the plants' need to absorb large quantities of these nutrients.

This plant food contains many micronutrients (including manganese, boron, cobalt, lithium, molybdenum, copper, tin, nickel, fluorine, iodine, aluminium, zinc, selenium and vanadium).

These substances and a number of rare minerals that are added give plants exactly what they require for trouble-free growth. The plants are stimulated to create cytokinins (plant hormones), which stimulate the division of cells. The leaves grow to become much wider and the colours become extremely vibrant.





Easy Life: First Place AGA AquaScaping Contest 2005.

Thanks to the optimal supply of nutrients provided by ProFito, water plants grow quickly and stronger. As a result, unwanted substances in the aquarium water, such as certain nitrogen and phosphate compounds, are absorbed by the plants more quickly. Nitrate, phosphate and ammonium are, therefore, removed from the aquarium water more quickly by the plants. ProFito relieves the burden placed on the water and a better biological balance is created in the aquarium.

ProFito does not contain nitrate or phosphate. The nutrients in ProFito are stabilized in a number of different ways by various chelators. Antioxidants and preservatives slow down the perishability of ProFito, which guarantees a longer shelf life. Storing the product in a cool and dark place also increases the shelf life.

### **Packaging quantities**

100 ml - 250 ml - 500 ml – 2000 ml - 5000 ml



## Ferro

*Extra iron when needed*

**Easy-Life Ferro contains easily absorbable iron for water plants. Iron is essential for the good development of plant leaves. Iron ensures that the leaves are green thanks to the creation of chlorophyll.**

A lack of iron results in the leaves turning yellow, which is known as chlorosis. Ferro helps to prevent this problem. If there are fast-growing plants in an aquarium, then there is a good chance of iron deficiency. In that case, it is recommended to add Ferro to prevent problems.



### Packaging quantities

250 ml - 500 ml



## Potassium

*Extra potassium is often necessary*

A shortage of potassium easily arises in areas with soft water. This demonstrates itself by white, decolourized leaves in the top of a plant. The leaves may also have black pinholes. These symptoms are often confused with the symptoms of a deficiency of iron. It is recommended to add both Easy-Life Ferro and Easy-Life Potassium to compensate for or prevent deficiencies, particularly in aquaria with fast-growing plants.



### Packaging quantities

250 ml - 500 ml



## EasyCarbo

*Carbon is essential for good plant growth*

**EasyCarbo is an extremely powerful and effective carbon source for aquarium plants. It also actively combats and prevents the growth of algae.**

Carbon (in the form of  $\text{CO}_2$  dissolved in the water) is one of the most important nutrients for optimal plant growth. If there is a lack of carbon, plants are not able to optimally assimilate and grow. As a result of this deficiency, plants stop growing and no longer compete with algae for the nutrients. If this carbon deficiency lasts for too long, then plants start to leak sugars and other nutrients which attract algae. As a result, leaves become covered in algae and look unattractive. EasyCarbo is the solution to this problem. After approximately two weeks of using EasyCarbo, plants visibly grow better and look better. This is particularly true of swamp plants (Cryptocoryne sp., Echinodorus sp., etcetera). As a result of the increased competition for nutrients, algae find it very difficult to survive and, in most cases, they disappear altogether.



**The use of ProFito and EasyCarbo is the right combination.**

Plants require more than just carbon. Trace elements are also essential. Since their presence cannot be precisely measured and we, therefore, do not know which trace elements are present in the water, ProFito is the ideal solution to enrich water with trace elements in the most complete way.

### Packaging quantities

100 ml - 250 ml - 500 ml - 1,000 ml - 5,000 ml





## 25 Root Sticks

### *Optimal root feeding*

**The Easy-Life 25 Root Sticks are ideal to feed plants directly at the roots.**

The product contains 25 pieces of special clay sticks that are very nutritious and have a high iron content. Due to the special pre-treatment of these sticks, they do not fall apart immediately upon contact with water. The release of nutrients goes very gradually over a period of several weeks. The water will not get cloudy at all, so algae cannot take advantage of that. The product is very easy to use and causes no additional water pollution.



Use these root sticks for plants with a strong need for root nutrition such as Cryptocoryne, Echinodorus or Lotus. If the soil layer is very narrow or the plant roots are small, the sticks can be very easily broken into smaller pieces. The root sticks can therefore be used in all cases.

### **Packaging quantities**

25 pcs. per jar.







## The Golden Triangle in your aquarium

*Optimal use of nutrients*

*The theory of plant growth in an aquarium*

Light



**Macronutrients**  
(CO<sub>2</sub>, NO<sub>3</sub>, PO<sub>4</sub>, K, etc.)

**Micronutrients**  
(Fe, Mn, Sn, etc.)

**An attractive plant aquarium is growing in popularity. Good general knowledge is required in order to have an attractive looking aquarium. Read this page carefully. It gives you insight into the interesting topic of "Plant growth in an aquarium".**

**The Golden Triangle** for plants is light,

macronutrients and micronutrients.

It is for good reason that light is at the top, because the need for and the absorption speed of nutrients is determined by light. It may be obvious that plants want to grow more quickly if there is a lot of light and that they, therefore, require more nutrients than plants in moderately lit aquaria. Of course, the need for nutrients also depends on the types

of plant in an aquarium. Fast-growing water plants (true water plants), such as Vallisneria, absorb much more nitrate and phosphate than slow-growing swamp plants, such as Anubias.

## All nutrients are important

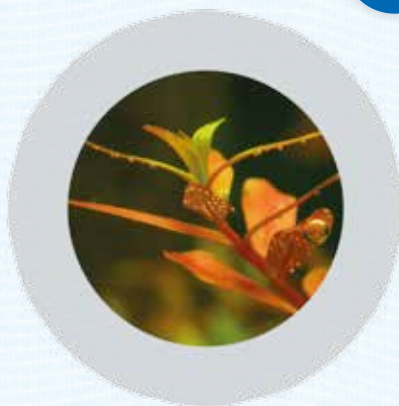
Plants require a lot of nutrients. Healthy growth, without algae, is only possible if all the conditions are met, such as light, CO<sub>2</sub>, N, P, K, etc. If one or more of these elements is missing, then the growth will falter or stop altogether.

## Algae and leaking sugars

If growth falters, then processes are not completed and plants will start to leak sugars. The sugars activate algae spores and algae start to grow, since algae are much less sensitive to a deficiency in nutrients. That is why it is desirable to ensure that all the elements from the Golden Triangle are available in order to prevent (algae) problems. It is crucial to find the correct balance.

## Redfield-ratio: NO<sub>3</sub> versus PO<sub>4</sub>

New insight has taught us that it is not the presence of nitrate and phosphate that cause algae growth. It is rather a deficiency of these macronutrients that leads to algae growth, because the plants will start to leak sugars. On the other hand, a phosphate concentration which is too high (greater than 2.0 mg/l) also leads to algae problems. A concentration of



0.5 - 2.0 mg/l PO<sub>4</sub> is usually acceptable.

Normally, plants receive N and P from fish feed and fish excrements. A deficiency of these macronutrients may arise if there are not many fish in the aquarium, if the fish are not fed very often or if there are too many plants and too much light.

Many people control the level of NO<sub>3</sub>-PO<sub>4</sub> by means of the Redfield ratio (Google it) in order to compensate for a deficiency. The Redfield ratio is the ratio between C-N-P in the ratio of 105 : 16 : 1. In practice, the ratio between N and P (N : P = 16 : 1) is used and that is roughly translated into nitrate and phosphate water values.

By adding extra nitrate (Easy-Life Nitro\*) and phosphate (Easy-Life Fosfo\*), the correct ratio can be achieved and a deficiency can be avoided.



## Carbon/CO<sub>2</sub>

A carbon deficiency (usually in the form of CO<sub>2</sub>) also leads to algae and poor plant growth. The assimilation process is stunted and sugars and other substances which stimulate algae are released. For that reason, it is important to ensure there is sufficient carbon. A well lit aquarium with fast-growing plants requires a lot of carbon. CO<sub>2</sub> from a gas cylinder or as a liquid (EasyCarbo) is then needed to rectify or prevent problems.

## Light determines the need for nutrients

Light is the driving force in the assimilation process and determines the need for nutrients and how quickly they are absorbed. The amount of light, in particular, is important in determining the absorption speed. If there

is a lot of light, plants want to absorb more nutrients and they also want to absorb them more quickly. If there is a lot of light, nutrients may be supplied too slowly and the internal buffers will run empty. At this crucial moment, plants increasingly take nutrients from the water and the demand for nutrients increases greatly.

*\* Easy-Life Nitro & Fosfo are not yet available in North America*



***In order to translate the influence of light on the demand for nutrients into practical terms, we will describe the situation for two types of aquarium.***

## **Type I, normal, most common aquarium**

This type of aquarium has an average amount of light and normal plant growth, with only a few fast-growing plants.

We use the following water values for this type of aquarium:

$CO_2$	15 - 20 mg/l
$NO_3$	5 - 10 mg/l, measure once a week and, if necessary, replete with Easy-Life Nitro*
$PO_4$	0.5 -1.0 mg/l, measure once a week and, if necessary, replete with Easy-Life Fosfo*

### **Add**

<i>Every day</i>	A half to a full dose of ProFito (full dose = 1/7 of the weekly dose)
<i>Every day</i>	A full dose of EasyCarbo

## **Type II, professional aquarium**

This is a real plant aquarium with T5 lighting and a lot of fast-growing, demanding plants.

We use the following water values for this type of aquarium:

$CO_2$	20 - 30 mg/l
$NO_3$	15 - 20 mg/l, measure once a week and, if necessary, replete with Easy-Life Nitro*
$PO_4$	1.0 -1.5 mg/l, measure once a week and, if necessary, replete with Easy-Life Fosfo*

### **Add**

<i>Every day</i>	A full to a double dose of ProFito (full dose = 1/7 of the weekly dose)
<i>Every day</i>	A full dose of EasyCarbo
<i>Every week</i>	Ferro for extra iron

The difference between a type I aquarium and a type II aquarium is mainly the amount of light. The amount of light determines the absorption speed and means that more nutrients must be available more quickly "locally on the surface of the leaves". It is understandable that if there are many fast-growing plants, then the need for nutrients is much greater (locally). That is why we recommend higher values for a type II aquarium. Decreasing values (but not all the way to zero!) are acceptable as long as they are repleted in time.

*\* Easy-Life Nitro & Fosfo are not yet available in North America*





### **Extra example:**

Aquarium 60x60x60 cm

Weekly addition of ProFito, Ferro, Potassium, Nitro\* and Fosfo\*. EasyCarbo is added daily.

Every month Easy-Life Fluid Filter Medium after a 50% water change.

*\* Easy-Life Nitro & Fosfo are not yet available in North America*



## Type I aquarium for the everyday enthusiast

Most aquaria are a type I aquarium (120 x 60 x 60 cm), which have standard lighting using TLD tubes (3 x 36 Watt 860). The gravel (without a nutrient substrate) has very few plants and most of the plants are not very demanding, such as ferns and Cryptocorynes. The lighting is usually rather limited. That is why the nutrient level for this type of aquarium can be kept quite low.

### Adding nutrients according to a standard schedule

<i>Sundays</i>	Normal dose of ProFitto
<i>Daily (except Friday)</i>	Half dose of EasyCarbo
<i>Friday maintenance</i>	Water change 20%, add Nitro* and Fosfo *
<i>Friday after maintenance</i>	A quarter dose of Easy-Life Fluid Filter Medium

### MEASURED WATER VALUES

$\text{NO}_3$	10 mg/l	$\text{PO}_4$	0.5 mg/l
$\text{KH}$	5	$\text{pH}$	6.8
$\text{CO}_2$	ca 23 mg/l (via gas cylinder)	$\text{GH}$	7

\* Easy-Life Nitro & Fosfo are not yet available in North America





## Type II aquarium for the avid enthusiast

This type of aquarium is full of demanding plants. They grow and assimilate quickly and require a lot of nutrients. It is a strongly lit aquarium (120 x 60 x 60 cm) with 6 T5 tubes (6 x 65 Watt 860). The intention is clearly to have the gravel (without a nutrient substrate) full of demanding plants, such as Hemianthus Callitrichoides and Echinodorus tenellus. Stem plants will be growing in the back-ground (e.g. Ludwigia sp.). They require a lot of light and nutrients in order to be of the best possible colour.

### Adding nutrients according to an intense schedule

<i>Sunday</i>	Full dose of ProFito
<i>Wednesday</i>	Half dose of ProFito plus a full dose of Easy-Life Ferro
<i>Daily (except Friday)</i>	Full dose of EasyCarbo
<i>Friday maintenance</i>	Water change 30%, add Easy-Life Nitro* and Easy-Life Fosfo *
<i>Friday after maintenance</i>	A quarter dose of Easy-Life Fluid Filter Medium

### MEASURED WATER VALUES

$\text{NO}_3$	16 mg/l	$\text{PO}_4$	1.5 mg/l
KH	5	pH	6.7
$\text{CO}_2$	ca 28 mg/l (via gas cylinder)	GH	7

\* Easy-Life Nitro & Fosfo are not yet available in North America

## AlgExit

*Clean water without algae stains*

**Algae stains are visible when an aquarium is not well balanced. Causes of an unbalanced aquarium are the excessive feeding of fish, too many fish in an aquarium, excessive lighting or excessive fertilization. You also take them home when you purchase fish or plants!**

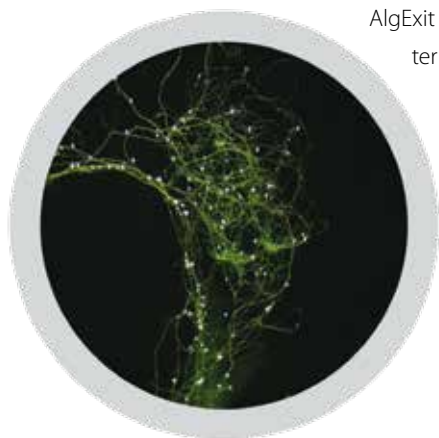


AlgExit easily removes Green and Red Algae Stains in freshwater aquariums. Removes and cleans algae from plants, bottom material and other aquarium surfaces.

Unwanted filamentous, brush and beard algae stains are removed. Harmless to fish, crustaceans and plants. Also great for preventing algae problems. Very economical in use.

### **Packaging quantities**

250 ml - 500 ml - 1000 ml



## Blue Exit

*Cyano stain remover caused by Cyanobacteria*

**Blue Exit is the new way of getting rid of blue-green algae (cyanobacteria) stains without using antibiotics or compounds which contain copper.**



Blue Exit easily removes stains caused by CYANOBACTERIA in freshwater aquariums. Removes and cleans algae stains from plants, bottom



material and other aquarium surfaces. Unwanted blue-green and slime algae stains are removed rigorously. Harmless to fish, shrimps, snails and plants. Also great for preventing cyano problems. Very economical in use.



## Packaging quantities

250 ml - 500 ml - 1000 ml

## Excital

*Clean water without red stains caused by Cyanobacteria*

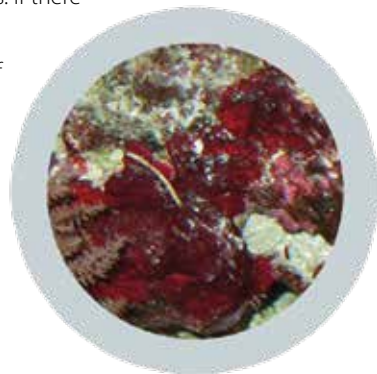
**Excital is the new way of removing stains caused by Cyanobacteria without using antibiotics or compounds which contain copper.**



Removes and cleans algae stains from corals, live rock, bottom material and other aquarium surfaces. Stimulates the growth of beneficial micro-organisms in light-sensitive places in the aquarium. Unwanted red, blue-green, black and bubble causing algae stains are removed. Safe to use with all marine fish, invertebrates and corals. Will not harm the beneficial nitrifying bacteria in the biofiltration media. Excital is easy and safe to use and is harmless to fish and corals. If there is a serious infestation, then it is recommended to first remove the stains by hand as much as possible and then add Excital. If there is a serious problem, the Excital treatment can be prolonged for a few days, even with a double dose.

## Packaging quantities

250 ml - 500 ml - 1000 ml





## Voogle

*Prevent fish diseases without any antibiotics*

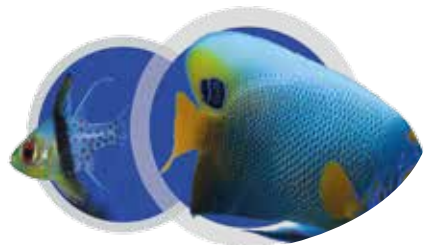
**Voogle is an innovative product that helps to keep fish healthy and improves their immune system. Using Voogle will limit the use of antibiotics to a minimum. The natural immune system is stimulated, so that fish are better protected against diseases.**



Every fish has a natural immune system against pathogens. Transportation, dirty water or a high number of pathogens in the water cause a lot of stress. Stress costs a great deal of energy and has a negative effect on the immune system. The mucous skin, gills and fins, in particular, become more sensitive to diseases, such as white spot, fungi and other types of infection.

Weekly use of Voogle ensures that fish remain optimally protected in a natural way and the dangers resulting from pathogens are greatly reduced.

- Voogle has no harmful effect on fish, shrimps, lobsters, molluscs, plants or the biofilter.
- Voogle has no effect on the important water parameters and does not cause resistance.
- Voogle mostly consists of plant extracts and supporting vitamins and minerals.
- Voogle breaks down naturally, so that it is not necessary to change the water after using the product.





## Resistance to antibiotics

The use of antibiotics with animals is becoming increasingly problematic. The number of resistant pathogens is increasing rapidly and this is becoming a serious problem for public health. It is also becoming an increasing problem in aquaristics. For example, there has been an alarming increase in resistant stems of *Ichthyophthirius Multifiliis* (white spot disease).

## Voogle: the safe alternative that contains no antibiotics

Voogle can be used to prevent fish from becoming ill and, consequently, to avoid the use of antibiotics. Even if fish are already ill, Voogle is able to help the fish combat pathogens.

### Use Voogle in freshwater and marine aquaria

<i>Aquarists</i>	Full dose once a week to prevent disease. When noticing the (initial) symptoms of disease: a five-day course of treatment.* When purchasing fish: a double dose to prevent infection.
<i>Transport</i>	Double dose during (long-distance) transport.
<i>Quarantine</i>	Five-day course of treatment to combat any possible symptoms of disease.*

\* Voogle is extremely safe to use and multiple doses can be added in one go if the situation requires. The course of treatment can also be extended without any problems.

## Packaging quantities

250 ml - 500 ml - 1000 ml - 5000 ml



## Voogle

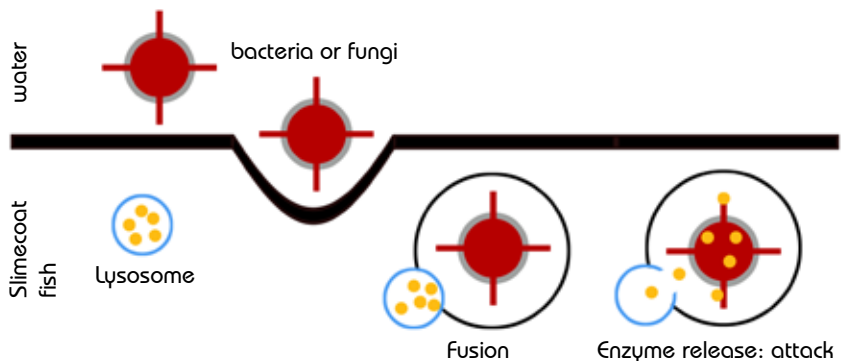
### *How does Voogle work?*

#### **Strong and weak fish**

It is sometimes evident that in an aquarium containing diseased fish not all the fish fall sick. A strange phenomenon, but one that also occurs in people: not everyone catches the flu or falls sick. If the immune system is in good order, then the chances of becoming ill are much lower as well, or you will recover more swiftly.

Voogle owes a lot to this principle, working directly on the immune system of a fish.

Each and every fish has a natural immune system that protects it from pathogens. Circumstances and factors such as transport, polluted/contaminated water or a high pathogen content will cause considerable stress. Stress increases levels of the hormone cortisol, which has a huge influence on metabolic processes. Disrupted osmotic regulation, vitamin C degradation, protein degradation, etc. expend a great deal of energy and exhaust the fish. However, the biggest problem is that cortisol has an immediate adverse effect on the immune system of a fish. The so-called leukocytes contain the enzymes 'lysosomes'.



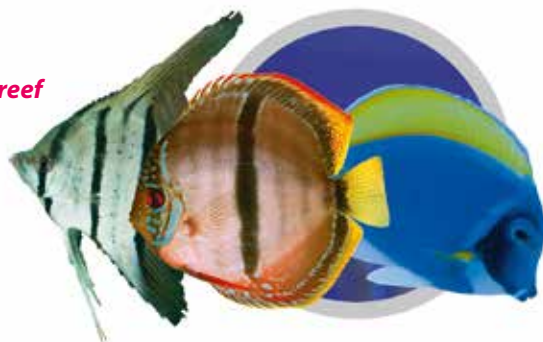
**DIAGRAM: lysosomes fuse with a bacterium and release enzymes that digest the bacterium.**

These lysosomes are surrounded by a membrane. These small "suicide sacs" normally fuse with

harmful bacteria, fungi and viruses and leave the digestive enzymes to do their thing. Cortisol, however, changes the chemical structure of the membranes, thereby inhibiting the lysosomes from fusing properly with the pathogens. The mucous membranes in particular contain a lot of lysosomes and it is therefore clear that the natural protection at high cortisol levels (read: high stress levels) no longer functions properly.

Voogle sees to it that (for example) the production of cortisol is impeded, ensuring that the immune system is no longer hampered by loss of energy and active lysosomes. The upshot of this is that pathogens can once again be fought adequately due to the immune system being back up to full strength. The mucous membranes in particular will be able to provide optimum protection once more.

- **Voogle for freshwater, marine & reef**
- **Safe for all living creatures**
- **No resistance problems**
- **No water change needed**
- **Fast, easy & safe**



## Testimonial

“ New and Innovative products for the aquarium industry come out every year. All too often they are just another me too product, or they add a 'PLUS' to the name. Over 20+ years in the aquarium industry working from retail to the the manufacturing end, I have seen a lot of so called 'new and innovative products' with huge claims made about what they will do for the aquarium. Always skeptical of the latest and greatest, I tried Voogle. "Wow, Voogle is amazing!" That is what my fish room staff said after we treated a few new arrival fish that were not looking good. From a small lck outbreak to some beginning fin rot to a bacterial infection, all cured in a few days. From swordtails, motoro stingrays, emperor angels and sailfin tangs all had an amazing turn around with Voogle. Completely safe to use in reef and plants tank, no water changes needed at the end of treatment, Voogle is a perfect first step whenever fish are not looking at their best. We use Voogle on all of our more sensitive fish as soon as they come in. Our customer response on using Voogle has been outstanding. Voogle should be everyones first choice in preventing fish illness and curing first signs of infection. At School of Fish, We Voogle.”

## 6in1 Test Strips

*The numbers tell the tale*

**In order to achieve an optimal situation in an aquarium, it is extremely important to regularly test the water quality. The Easy-Life 6in1 Test Strips are quick to use and extremely accurate.**

The Easy-Life 6in1 Test Strips give you the results to five important water parameters within 60 seconds.

**The following five important water parameters are measured:**

Acidity level	pH
Carbonate hardness	KH
Total hardness	GH
Total chlorine	TC
Nitrite concentration	NO <sub>2</sub>
Nitrate concentration	NO <sub>3</sub>



## Potassium (K) water test

World's  
First

*Potassium: at least as important as iron!*

**Potassium is a macronutrient and at least as important as iron for a good and healthy plant growth. Therefore it is important to check the level of potassium to prevent too low levels and keep them in a healthy range ( 10-15 mg/l).**

**The Easy-Life Potassium test is a color test with a color chart.**



### Optimum level

Aquarium plants benefit from 10 -15 mg/l (=ppm) of potassium. A level below 5 mg/l (=ppm) is not desirable and can lead to growth problems, yellowing of the leafs and deformations. Often lack of potassium is confused with lack of iron, also because potassium was very difficult to measure until now. If the level is too low, extra potassium will help the plants to recover soon and they will color deep green.

### Easy-Life Potassium (K) testkit

- User-friendly and reliable
- Color test with color test with easy-to-read color chart
- Measuring range from 0 to 25 mg/l (ppm) Potassium
- 1 testkit accounts for 50 tests



## Phosphate (PO<sub>4</sub>) water test

*Very sensitive and easy to perform*

**The very sensitive and accurate Easy-Life Phosphate testkit is suitable for fresh water and marine aquariums. There are two different ranges within the testkit. A low range from 0.00 - 0.10 mg/l (ppm) and high range from 0 - 2.5 mg/l (ppm). The Easy-Life Phosphate water test only needs 1 reagents!**

### Easy-Life Phosphate (PO<sub>4</sub>) test

- suitable for fresh water and marine aquariums
- easy to use, reliable and ultra sensitive
- colortest, easy to compare with a color chart
- PO<sub>4</sub> detectable from 0.01 mg/l (=ppm)
- low range: 0.00 – 0.02 – 0.04 – 0.06 – 0.08 – 0.10 mg/l (=ppm)
- high range: 0.0 – 0.5 – 1.0 – 1.5 – 2.0 – 2.5 mg/l (=ppm)
- testkit accounts for 75 tests





## About us

Since 1998, Easy Life International B.V. has produced aquarium and pond products under the brand name Easy-Life. We distinguish ourselves in the market by the fact that our university-educated specialists have years of experience in keeping aquariums and, as a result, combine their practical experience and knowledge to produce innovative products. Thanks to the excellent reputation of Easy-Life and the excellent effects of its products, the products are now available in more than 40 countries, mostly due to word-of-mouth advertising. The products are now no longer only used by hobbyists, but also by retail traders, wholesalers, zoos and importers and exporters of fish and corals.

## Easy Life International BV

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## Consumer inquires

For specific questions about our products, please contact the Easy-Life Team via the following e-mail address:  
[support@easylife.nl](mailto:support@easylife.nl)

## Trade inquires - Warehouse Baltimore

Trade inquires can be sent to us via the following e-mail address:  
[info@easylife.nl](mailto:info@easylife.nl) or visit our North America website [www.easylifeint.com](http://www.easylifeint.com).

## Youtube clips

[www.youtube.com/user/easylifeproducts](http://www.youtube.com/user/easylifeproducts)

## Awards

### 2004

Easy-Life Fluid Filter  
Medium  
"Aquarium Product of the  
Year - Germany"



### 2008

ProFito professional plant  
food  
"Aquarium Product of the  
Year - Germany"



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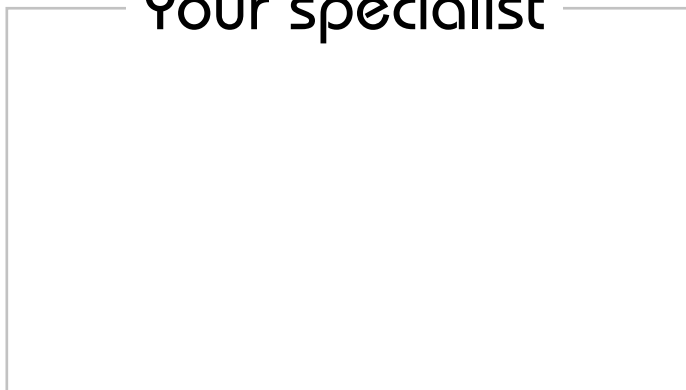
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Aquarium & Pond Products



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