



# Kinshi

## Koi Inspiration

Products for a healthy Koi pond



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Also known as Nishikigoi, the Koi is Japan's national pride. Nishikigoi literally means 'coloured carp', and is a collective name used to refer to all sorts of Koi varieties bred in Japan. A Koi is not just any fish. Its beautiful colours, patterns, often impressive size and unusual behaviour make the Koi an immensely popular fish, particularly in recent years, among pond hobbyists all over the world.

## Koikeeping: a unique hobby

However, keeping Koi is not just any hobby. It requires knowledge of a healthy biological balance and good water quality. Koi place very high demands on the water they live in. You too may place high demands on the products you use for your Koi. We understand that only the best products are good enough for you and your Koi. This is why we conduct extensive tests on all of our products, in our own laboratory, to ensure they satisfy the highest quality requirements.

In this brochure, you will find an overview of our products. If you still have questions after reading this brochure, simply consult our website [www.kinshi.nl](http://www.kinshi.nl). Our website not only gives you a complete overview of all of our products, but also provides you with the opportunity to ask our specialists questions. We hope you will enjoy reading our brochure!



## Bacteria

Bacteria are vital to a healthy Koi pond. They ensure that waste residue from food, faeces, leaves and other dirt is broken down and converted into minerals and nutrients which benefit plants. In order to create and keep the optimum biological balance, the right bacteria are indispensable.



**Kinshi Bacta Starter Clear** gets your filter off to the right start. Kinshi Bacta Starter Clear reduces nitrite and ammonia peaks. Typical problems during the start-up phase of Koi ponds. Use Kinshi Bacta Starter Clear when filling a new pond, after administering medication or algicides, and after the winter months.

2,5 l - for 100 000 l water	0099040
5 l - for 200 000 l water	0099042
10 l - for 400 000 l water	0099044



**Kinshi Bacta Clear** is a waste remover for biotope ponds and ponds with a standard fish population.

1 l - for 10 000 l water	0099011
1 l - for 20 000 l water	0099010
2,5 l - for 50 000 l water	0099012
5 l - for 100 000 l water	0099014



**Kinshi Bacta Super Clear** is a super waste remover for ponds with high fish populations or Koi. Since the fish in these ponds are usually fed a higher quantity of food, high concentrations of waste tend to develop.

2,5 l - for 100 000 l water	0099060
5 l - for 200 000 l water	0099062
10 l - for 400 000 l water	0099064



**Kinshi Bacta Sludgebuster** is a sludge remover for polluted ponds. Kinshi Bacta Sludgebuster is the right solution when waste residue builds up, a layer of sludge forms on the bottom of the pond or algae bloom is lying in wait. Kinshi Bacta Sludgebuster is a powerful bacteria culture that breaks down sludge and inhibits algae bloom. Use in the autumn and winter to ensure a clean pond in the spring.

1 l - for 20 000 l water	0099030
2,5 l - for 50 000 l water	0099032
5 l - for 100 000 l water	0099034



**Kinshi Bacta Starter Mix A & B** Kinshi Bacta Starter Mix A is used to help fight **waste** build-up in biotope ponds and ponds with a standard fish population. Kinshi Bacta Starter Mix B is used to help fight **sludge** in biotope ponds and ponds with a standard fish population. Use Kinshi Bacta Starter Mix B in the autumn and winter to ensure a clean pond in the spring.

Kinshi Bacta Starter Mix A & B are only available as a set.

2 x 1 l - for 30 000 l water	0099036
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## Water Treatment Products

Good water quality is essential to keeping Koi healthy. This is why it is important to test water quality on a regular basis! The primary water values for Koi ponds are acidity (pH), carbonate hardness (KH), total hardness (GH), ammonium and ammonia, and the nitrite and nitrate values.

**Knowledge is power!**

### Acidity (pH)

The water's acidity is expressed in terms of its pH. A stable pH value is important to the welfare of Koi. Koi feel best when the pH is between 7.2 and 8.3.

### Carbonate hardness (KH)

The carbonate hardness represents the buffering capacity of the water, and ensures that the pH value remains stable. In a Koi pond, the KH value should be between 5 and 8°KH.



### Total hardness (GH)

The total hardness of the water is indicated by GH. This hardness is formed by salts from magnesium and calcium dissolved in the water. In a Koi pond, the GH value should be between 10 and 15°GH. An optimum GH value keeps the KH value stable.

### Ammonia/ammonium

In a pond, fish and plants produce waste materials. Nitrogen compounds are created in the water as a result. Ammonia develops at a pH value higher than 7, ammonium at a pH value lower than 7. The higher the pH value rises, the greater the ammonia content. Even in very small amounts, ammonia is toxic to fish, whereas ammonium is less poisonous.



### Nitrite and nitrate

Bacteria ensure that ammonium and ammonia are converted to nitrite. Nitrite is also toxic for Koi. Nitrite may be broken down by bacteria to form nitrate. Larger quantities of nitrate dramatically increase the chance of algae growth. Nitrate is dangerous when a lack of oxygen occurs. In this case, nitrate can release oxygen and react once again to form nitrite. Larger quantities of nitrate can therefore also result in very high quantities of the toxic nitrite!



**Kinshi Aqua KH Plus** raises the KH value.  
By raising the KH value, Kinshi Aqua KH Plus stabilises the pH value.

1000 g 0099092  
2,5 kg 0099094

**Kinshi Aqua GH Plus** raises the GH value.  
By raising the GH value, Kinshi Aqua GH Plus stabilises the KH value.

900 g 0099088  
2,5 kg 0099090





**Kinshi Aqua Biominerale Plus** adds minerals and trace elements to pond water, and stimulates plant growth in biotope ponds.

By adding minerals and trace elements, Kinshi Aqua Biominerale Plus stabilises the GH and KH values of the water. This helps prevent algae growth in the long run in biotope ponds.

1000 g    0099096  
2,5 kg    0099098



**Kinshi Aqua Tablets** consist of enzymes which break organic matter down into smaller particles, ultimately making it easier for bacteria to break these down further.

Kinshi Aqua Tablets are best administered in the filter where they will dissolve slowly and support the filter bacteria. The result is a clear pond with very little organic waste.

1 kg (+/- 260 tablets)  
for 65 000 l water    0099070



**Kinshi Aqua Alg-02** raises the oxygen content of the water, improving the ability of micro-organisms and plants to purify the water.

Kinshi Aqua Alg-02 binds phosphates and adds minerals, causing algae to loosen from the bottom and disappear into the filter. Kinshi Aqua Alg-02 also raises the KH value of the water.

1000 g - for 30 000 l water    0099810

**Using the Kinshi Water Treatment Products, you can correct abnormal water values in the pond and improve water quality.**





## Filter Materials

A good biological filter reduces the need for maintenance and ensures stable water quality. Using Kinshi Filter Materials helps you clean pond water efficiently. There are biological, adsorbent and mechanical filter methods available for ponds.

### Biological filter materials



**Kinshi Aqua Denilit** is a biological filter material with a highly porous structure and a large surface area. This provides the ideal surface for useful, waste-reducing bacteria to attach themselves, thereby contributing to the natural processing of the waste in the water. The breakdown of nitrate by denitrifying bacteria is even possible in the core of these tiny pebbles.

5 l	0021330
10 l	0021332
20 l	0021334



### Adsorbent filter materials



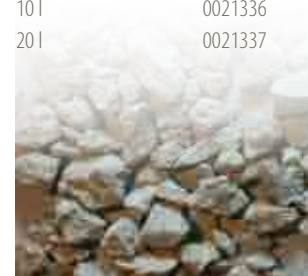
**Kinshi Aqua Carbon** is an adsorbent filter material with high purification properties. Kinshi Aqua Carbon removes colourants, toxins and odours, and is very suitable for adsorbing or binding chlorine and medication. Kinshi Aqua Carbon may also be used to prevent or eliminate white or milky clouds and foam appearing in or on the surface of the water during warm periods. After several weeks or months, the filter materials will be saturated and must be replaced.

5 l	0021789
10 l	0021790



**Kinshi Aqua Zeolite** is an adsorbent filter material that binds the harmful waste product ammonium. Kinshi Aqua Zeolite prevents ammonium poisoning in fish and helps fight algae growth. Kinshi Aqua Zeolite is extremely suitable for reinforcing your pond's natural, self-cleaning ability if there is a high quantity of waste matter to be processed, for example during the spring, on hot summer days, during the autumn, or after administering medication. After several weeks or months, the filter materials will be saturated and must be replaced.

5 l	0021335
10 l	0021336
20 l	0021337



### Mechanical filter materials



**Kinshi Filter Mats** consist of coarsely compressed artificial fibres for mechanical and biological water filtration. Kinshi Filter Mats are very suitable for filtering Koi ponds. The mats are very easy to clean.

100 x 50 x 5,8 cm	0089102
200 x 100 x 5,8 cm	0089100





## Airstones

Sufficient oxygen is essential to a healthy Koi pond. Not only do bacteria need oxygen to be able to process waste, fish cannot live without oxygen. By placing an airstone in the filter, you can supply the pond with extra oxygen, and stimulate the development of aerobic bacteria.

### Kinshi HI-Oxygen Airstone Cylinder (Carborundum)

- 15x70mm / hosedtail 4-9mm / grey 0022442
- 20x80mm / hosedtail 4-9mm / grey 0022444
- 20x120mm / hosedtail 4-9mm / grey 0022446
- 30x80mm / hosedtail 4-9mm / grey 0022448
- 30x105mm / hosedtail 4-9mm / grey 0022450
- 30x130mm / hosedtail 4-9mm / grey 0022452
- 150x50mm / hosedtail 4-9mm / grey 0022456
- 200x50mm / hosedtail 4-9mm / grey 0022458
- 300x50mm / hosedtail 4-9mm / grey 0022460



### Kinshi Airstone Ball

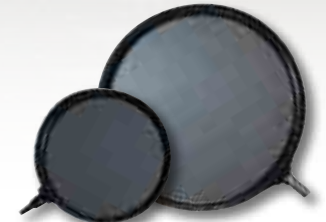
5 cm / hosedtail 4 mm / blue

0022424  
0022426



### Kinshi HI-Oxygen Airstone Ball (Carborundum)

15x70mm / hosedtail 4-9 mm / grey 0022442  
20x80mm / hosedtail 4-9 mm / grey 0022444



### Kinshi HI-Oxygen Airstone Disk (Carborundum)

107x19mm / hosedtail 4-9 mm / grey 0022454  
200x27mm / hosedtail 4-9 mm / grey 0022462

**Calcium and dirt can clog airstones over the course of time, preventing air from being able to flow through the stone. For this reason, you must check the stones regularly and replace them if necessary.**



## Food

To ensure that your fish stay healthy, you should feed them food that best suits their size and species. The quality of the food is also very important. Good nutrition ensures your Koi will have the optimum rate of growth and development, enhanced colouration, and better overall health.

The quality of the food is not only determined by the percentual composition. The types of ingredients and their quality are also crucial to good quality food. Kinshi foods contain precisely those substances that are most valuable for fish. After all, it is with good reason that our foods are referred to as high-quality foods. They are also easily digestible. This means that they are better absorbed by the fish; the fish will need less food as a result, and this leads to better water quality.

Do not feed fish a large quantity once a week, but instead feed them 1 to 2 times a day as much food as they can consume in 2 to 4 minutes. The higher the ambient temperature, the better fish are able to digest and absorb food. This is why fishes' eating habits are different during the winter than the rest of the year.



### Staple foods - general



**Kinshi Food Flakes** is a staple food in flake form, particularly suitable for small and young fish.

**Not** suitable for Veil tails.

Ingredients: grains, oils, fats, fish and minerals,  
Raw protein 15,0%, Raw fat 3,0%,  
Raw fibre 3,0%, Moisture 8,0%,  
Raw ash 3,5%, Vitamin A 12500 IE,  
Vitamin D3 500 IE, Vitamin C 200 mg,  
Vitamin E 80 mg

1,5 l	0099740
3 l	0099742
10 kg	0099744

**Kinshi Food Sticks** is a staple food in pellet form for all pond fish.

Kinshi Food Sticks have an extra high nutritional value. They are more compact than normal sticks, so fish will need less food.

Ingredients: wheat flour, soybean, corn flour, fish oil, minerals, vitamins, colouring agents E102, E131 and E171  
Raw protein 25,0%, Raw fat 3,0%,  
Raw fibre 1,9%, Moisture 8,0%,  
Raw ash 3,0%, Vitamin A 10000 IE,  
Vitamin D3 1500 IE, Vitamin C 200 mg,  
Vitamin E 200 mg

1,5 l	0099700
3 l	0099702
15 l	0099704
5 kg	0099706



**Kinshi Food Sticks Mix** is a staple food in pellet form for all pond fish.

Kinshi Food Sticks Mix offers extra variety in nutrition and flavour.

Ingredients: wheat flour, soybean, corn flour, fish oil, minerals, vitamins, colouring agents E102, E131 and E171  
Raw protein 25,0%, Raw fat 3,0%,  
Raw fibre 1,9%, Moisture 8,0%,  
Raw ash 3,0%, Vitamin A 10000 IE,  
Vitamin D3 1500 IE, Vitamin C 200 mg,  
Vitamin E 200 mg

1,5 l	0099710
3 l	0099712
15 l	0099714
5 kg	0099716





# Kinshi Food



**Kinshi Food Winter Food** is a staple food in granule form for all pond fish, adapted to fishes' reduced absorption of nutrients during the colder months. Perfect for use for the transition period from autumn to winter. **Do not** feed if fish are hibernating (water temperature below 10°C)!

Ingredients: wheat, soybean, grains, oils, fish meal and minerals  
 Raw protein 37,0%, Raw fat 5,0%,  
 Raw fibre 3,5%, Raw ash 7,0%,  
 Moisture 8,0%, Vitamin A 10000 IE,  
 Vitamin D3 1500 IE, Vitamin C 200 mg,  
 Vitamin E 200 mg

25 kg 0099720

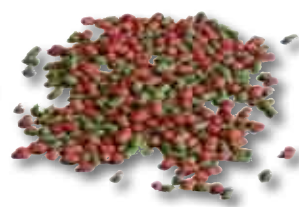


### Special staple foods

**Kinshi Food Granules 3 mm** is a staple food in granule form for all pond fish, and is also very suitable for feeding to young fish.

Ingredients: wheat flour, soybean, corn flour, fish oil, minerals, vitamins, colouring agents E102, E131 and E171  
 Raw protein 16,0%, Raw fat 1,4%,  
 Raw fibre 1,7%, Moisture 8,0%,  
 Raw ash 2,7%, Vitamin A 10000 IE,  
 Vitamin D3 1500 IE, Vitamin C 200 mg,  
 Vitamin E 200 mg

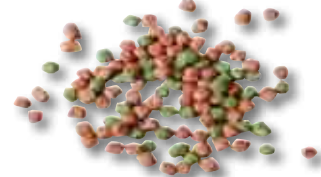
1,5 l 0099720  
 3 l 0099722  
 10 kg 0099726  
 15 l 0099724



**Kinshi Food Koi 6 mm** is a staple food in granule form specially developed for Koi. Kinshi Food Koi stimulates the natural colours in Koi, and ensures an optimum rate of growth and development.

Ingredients: wheat flour, soybean, corn flour, fish oil, minerals, vitamins and colouring agent E124  
 Raw protein 33,0%, Raw fat 2,0%,  
 Raw fibre 1,7%, Moisture 8,0%,  
 Raw ash 3,8%, Vitamin A 10000 IE,  
 Vitamin D3 1500 IE, Vitamin C 200 mg,  
 Vitamin E 200 mg,

1,5 l 0099750  
 3 l 0099752  
 10 kg 0099756  
 15 l 0099754



**Kinshi Food Sturgeon** is a staple food in granule form specially developed for Sturgeon. Kinshi Food Sturgeon ensures optimum growth and development of Sturgeon. The food sinks slowly to the bottom, making it easier for fish to eat.

Ingredients: grains, oils, fats, soybean, fish oil and minerals  
 Raw protein 47,0%, Raw fat 14,0%,  
 Raw fibre 3,0%, Moisture 8,0%,  
 Raw ash 8,0%, Vitamin A 10000 IE,  
 Vitamin B 150 mg / kg, Copper 3 mg/kg,  
 Phosphorus 1,2%, Lysine 2,5%

1,5 l 0099730  
 3 l 0099732  
 25 kg 0099734



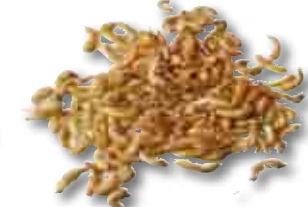
### Supplemental foods



**Kinshi Hishiroki Shrimps** (dried freshwater shrimp) is a supplemental food for all pond fish. Kinshi Hishiroki Shrimps stimulates fishes' natural colours and promotes good digestion in valuable fish such as Koi. Kinshi Hishiroki Shrimps contributes to the vitality and energy of the fish. May also be fed as a treat, preferably before feeding staple food.

Ingredients: Raw protein 33%,  
 Raw fat 5%, Raw fibre 6,5%,  
 Raw ash 40%

2,5 l 0099120  
 5 l 0099122  
 10 l 0099121



**Kinshi Sanagi Silk** (dried silkworm pupae) is a supplemental food for all pond fish. Kinshi Sanagi Silk stimulates fishes' natural colours, and ensures an optimum rate of growth and development in valuable fish such as Koi. May be fed as a treat, or as a concentrated food up to a maximum of 30% of the total feeding quantity. Thanks to the high protein content, this food is perfect as an additional food during the main growth period in the summer months.

Ingredients: Raw protein 41%,  
 Raw fat 18,8%, Raw fibre 2,2%,  
 Raw ash 5,4%, Moisture 6,4%

2,5 l 0099125  
 5 l 0099127  
 10 l 0099129





# Kinshi Medic



## Medication and Disinfectants

Nearly all of the diseases affecting Koi are caused by bacteria, fungi, protozoan (single-celled organisms) and worms. A specialist retailer can help you make the right diagnosis. Bring a sick fish and a water sample with you so that the specialist can perform a test before you start treatment.

### Medications



**Kinshi Combirex** is a remedy used to treat infections caused by single-celled organisms such as Trichodina, Chilodonella, Ichthyobodo/ Costia.

250 ml - for 15 000 l water 0099166  
500 ml - for 30 000 l water 0099168  
1000 ml - for 60 000 l water 0099170  
2500 ml - for 150 000 l water 0099172



**Kinshi Saprox** is a remedy used to treat fungal infections.

250 ml - for 15 000 l water 0099158  
500 ml - for 30 000 l water 0099160  
1000 ml - for 60 000 l water 0099162  
2500 ml - for 150 000 l water 0099164



**Kinshi Acriflavin** is a remedy used to treat external bacterial infections, ulcers, haemorrhaging, red fins, open scales and an inflamed slime layer.

250 ml - for 15 000 l water 0099150  
500 ml - for 30 000 l water 0099152  
1000 ml - for 60 000 l water 0099154  
2500 ml - for 150 000 l water 0099156



**Kinshi Ulcero** is a remedy used to treat serious infections caused by bacteria such as Hole Disease.

250 ml - for 12 500 l water 0099174  
500 ml - for 25 000 l water 0099176  
1000 ml - for 50 000 l water 0099178



**Kinshi FMC** is a remedy used to treat parasitic infections caused by single-celled organisms and body flukes such as Trichodina, Chilodonella, Ichthyobodo/ Costia. **Do not** use for sensitive fish species such as Orfes and Sturgeon.

250 ml - for 10 000 l water 0099192  
500 ml - for 20 000 l water 0099194  
1000 ml - for 40 000 l water 0099196  
2500 ml - for 100 000 l water 0099198

**Kinshi Gyro Tablet** is a remedy used to treat infections caused by worms and crustaceans such as Lerneä, Dactylogyrus (gill fluke) and Gyrodactylus (body fluke).

Some worms and crustaceans may be a direct fish and plant parasite, while others may transmit disease-causing parasites to fish indirectly.

60 tablets - for 15 000 l water 0099180  
200 tablets - for 50 000 l water 0099182





# Kinshi Medic



## Disinfectants



**Kinshi Salt Tablets** reduce infections and decrease the number of pathogenic bacteria and parasites in the pond. Kinshi Salt Tablets are made from extremely pure salt, free from harmful additives. The tablets dissolve slowly in the water, thereby increasing the salt content gradually.

6 kg - 5 l 0099130  
 12 kg - 10 l 0099132  
 18 kg - 16 l 0099134  
 25 kg 0099136



**Kinshi Potassium Permanganate** is a very powerful disinfectant. Kinshi Potassium Permanganate is used to disinfect pond equipment and to treat the filter before the first dose of water-purifying bacteria is administered. In addition, a diluted solution of Kinshi Potassium Permanganate may be used to clean fishes' skin, ridding it of infectious parasites and disease-causing germs. Kinshi Potassium Permanganate will also inhibit the growth of green water.

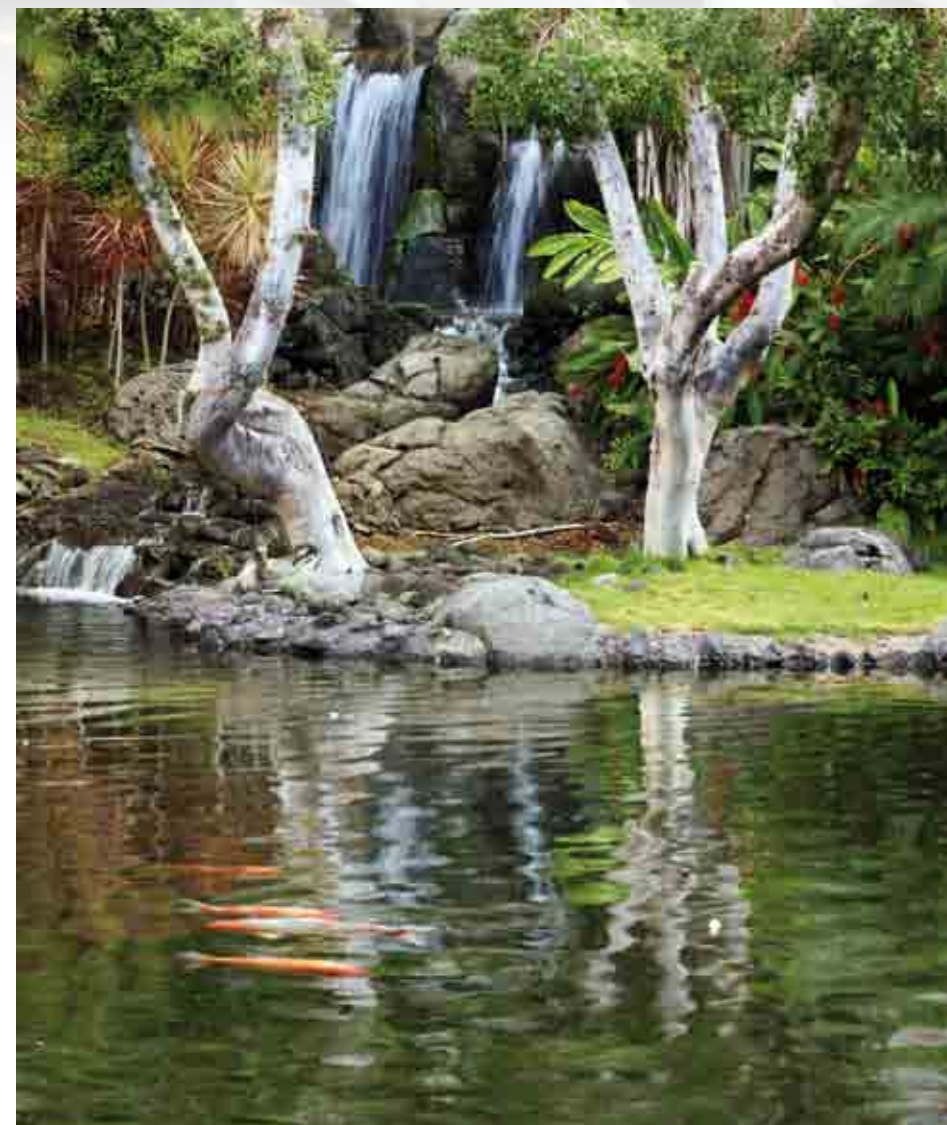
250 ml 0099140  
 500 ml 0099142  
 1 l 0099144  
 2,5 l 0099146



**Kinshi H<sub>2</sub>O<sub>2</sub> 3%** is a diluted solution of hydrogen peroxide which is used to reverse the effects of Kinshi Potassium Permanganate. After administering Kinshi H<sub>2</sub>O<sub>2</sub> 3%, the purple colour will disappear from the water after a few minutes. Kinshi H<sub>2</sub>O<sub>2</sub> 3% may also be applied in oxidators and directly to the pond water if an oxygen shortage has been determined in the pond.

500 ml 0099148  
 1000 ml 0099149

**Always follow the instructions on the packaging and administer only the exact amount indicated.**





## Problem Solvers

Excessive growth of algae often indicates poor water quality. This may be caused by a variety of environmental factors. Never wait too long to ask a specialist for advice. The solution is often a simple one, and responding quickly can often prevent the problem from worsening!



**Kinshi Aqua Clear-Again** is a treatment used to treat cloudy pond water. Kinshi Aqua Clear-Again causes floating dirt particles to clump so that they can be caught in the filter. **Do not** use when the pH is below 7.5 and the KH is lower than 4. It is best to place the Koi in quarantine prior to treating the water in a Koi pond. Treat the pond water with Kinshi Aqua Clear-Again, and then return the Koi to the pond as soon as the water is clear again. Depending on the water quality, treatment will take anywhere from several hours to a maximum of 24 hours.

250 ml - for 5 000 l water	0099800
500 ml - for 10 000 l water	0099802
1000 ml - for 20 000 l water	099804



**Kinshi Aqua Eco Power** is a treatment used to fight hair algae and green water. Kinshi Aqua Eco Power eliminates food for algae in the water causing it to die off. The algae is drawn into the filter where it is processed by bacteria.

2 kg - for 30 000 l water	0099110
5 kg - for 75 000 l water	0099112
10 kg - for 150 000 l water	0099111

**Always follow the instructions on the packaging and give only the exact amount indicated.**





# Kinshi Aqua



## Kinshi Bacta Super Clear

The super waste eliminator for ponds with a high fish population or Koi

- ▶ Promotes ponds' natural self-cleaning power
- ▶ 100% safe

## Questions?

Visit our website:

[www.kinshi.nl](http://www.kinshi.nl)

Your specialty shop for **Kinshi products:**

**Kinshi** P.O. Box 1022, 6235 ZG, Ulestraten, The Netherlands, [info@kinshi.nl](mailto:info@kinshi.nl)