

100 ml for 2000 litres / 439 UK gal.

Against white spots and other ciliates in freshwater ornamental fish

**MANACIL**

manaus-aquarium



Please read this user information carefully

# MANACIL

For the treatment of ornamental fish in freshwater aquaria

## manaus-aquarium

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### Veterinary medicine for animal (ornamental fish) treatment only.

### Against white spots and other ciliates in freshwater ornamental fish.

**Route of administration:** solution for adding to aquarium water.

### Composition of active ingredients µg per ml:

Brilliant Green 48, 4,4'-Benzyliden-Bis(n,n-Dimethylaniline) 9.6, Acriflavine Hydrochloride 4, Metanil Yellow 0.05

### Pharmaceutical Company:

Manaus-Aquarium, Rügenerstrasse 73, D-64319 Pfungstadt, Germany

### Areas of application:

**MANACIL** is effective against white spot disease (*Ichthyophthirius multifiliis*) as well as unicellular skin parasites in ornamental fish like *Chilodonella*, *Ichthyobodo necator*, *Trichodina*, etc.

### Disease symptoms:

Indications of disease caused by parasites are white spots on the skin and fins (Ich). Other above mentioned pathogens can show up as white or gray skin coverings. In general, diseased fish stop feeding, clamp their fins together, are easily startled and scratch against walls and decoration of the aquarium. It is important to treat the fish as quickly as possible when the above mentioned symptoms are spotted so that any further weakening of the animals by the parasites is prevented. If possible, a microscopic examination should be performed to confirm the diagnosis.

### Precautionary measures:

Pay attention to the water quality in your aquarium and reduce the organic pollution of the aquarium water from biological and chemical by-products by changing the water regularly. Very dirty filters should be cleaned before treatment, always keep the aquarium filter running during treatment! As with all treatments, the fish must be monitored regularly and carefully during the course of treatment in order for treatment to be broken off by a major water change should complications arise deriving from the specific set-up of the user or errors in use, which cannot be predicted.

### Interaction with other medicines and other forms of interaction:

**MANACIL** should not be used in combination with other medications. If your fish have been treated with another medication beforehand then a major water change must be undertaken before treatment. During treatment, UV lamps must always be turned off and oxidators removed (hydrogen peroxide). Whilst treating the aquarium with **MANACIL** no active filter agents (e.g.: activated carbon, phosphate remover, etc.) may be used in the filter in order to prevent reactions with bonded contaminants. Ion-exchangers (e.g. for removing nitrates, etc.) must be removed from the water circulation system of the aquarium during treatment with **MANACIL**.

### Dosage and application:

During treatment, the aquarium's filter must be switched on and a good circulation of the water in the tank must be ensured so that the medication can be optimally distributed throughout the aquarium.

It is important that you give the right dose of **MANACIL**, to do this you need to know the precise size of your aquarium. For a rectangular tank the following applies:

$$\frac{\text{height(cm)} \times \text{width(cm)} \times \text{depth(cm)}}{1000} = \text{litre}$$

If your aquarium is of a special design (e.g. polygon, domed panes of glass, stones reduce the volume, etc.), find out the cubic capacity of your aquarium from the manufacturer.

Use the measuring cup enclosed in the **MANACIL** pack and distribute the medication well by stirring on the surface.

#### **Dosage:**

**1<sup>st</sup> day 1 ml to 40 litres aquarium water**

**3<sup>th</sup> day 1 ml to 40 litres aquarium water**

In severe cases of a persistent parasite infestation at the **5<sup>th</sup> day 1 ml to 40 litres** aquarium water could be added.

**MANACIL** has a strong effect and, as with any medication, the recommended dose should not be exceeded.

#### **Contraindications and side-effects:**

**MANACIL** is a new product and is well tolerated. There are no known side effects. The aquarium keeper is encouraged to inform a veterinary surgeon or pharmacist and the manufacturer of any so far unknown side effect.

#### **Storage instructions and Disposal advice:**

Keep out of reach of children!

Store in the original packaging and protect from light and heat, also store in a frost-free location. The medication must not be used after the expiry date.

**MANACIL** may stain if spilt.

Shelf life after the immediate packaging has been opened for the first time: 12 months. Wash away product remainders with plenty of water. Dispose completely empty packaging in the household refuse.

Before use, please note that we provide the latest information on our product **MANACIL** and updated leaflet for downloading on the sites [www.manacil.com](http://www.manacil.com) and [www.manaus-aquarium.com](http://www.manaus-aquarium.com) on the use of **MANACIL**.

Packaging: 100 ml for 2000 litres / 439 UK gallons. Also available in 500 ml.