

## LEVAMICIL

Medicines for animals (freshwater and saltwater aquarium fish)

Pharmaceutical form: drug solution for adding to the aquarium water

Composition of active ingredients mg per ml:

Levamisolhydrochlorid 60

Other ingredients mg per ml:

Methyl-4-hydroxybenzoate 0.9

sodium metabisulfite 1.6

Marketing Authorisation Holder:

Manaus Aquarium, Rügnerstrasse 73, D-64319 Pfungstadt.

Fields of application:

Nematodes infest mainly the intestine and the abdominal cavity of fish. LEVAMICIL effectively tackled, nematodes (roundworms) as *Capillaria* sp. (Hair worms), *Camallanus* sp.

(Fräßkopfwürmer), *Oxyuridae* sp. (Discus pinworms) u.a ..

Due to the parasitic worms the intestinal wall of the affected fish is irritated or perforated (punctured) and it comes in the wake inflammatory reactions with Death follow in affected animals. By the mass occurrence of these parasites as food competitor nutrients are removed from the fish body and there is a lack of supply of the affected animals. Ill with nematodes fish become emaciated and care.

Disease symptoms:

The signs of a disease caused by parasites above are red, hanging from the anus of the fish thread-like structures, white, mucoid feces, dark colored skin and irritability.

In a massive attack by *Capillaria* sp. is greatly distended the abdominal area of the fish. In general, make-he was suffering fish in advanced stages of infection by nematodes that feed again.

It is important to treat the fish as quickly as possible while recognizing the above-mentioned disease symptoms, thus further weakening the animals is prevented by the parasite. If possible, microscopic examination for diagnosis-setting should be used.

precautions:

LEVAMICIL may not be used in combination with other medicines. If your fish have been previously treated with another drug, a large water change of at least 80% before the treatment is to increase pre-.

Pay attention to the water quality in your aquarium and reduce by regular water changes the organic load of the aquarium water by chemical degradation products.

Clogged filters must be cleaned before treat--ment, can always run filter and air stone for oxygen supply! UV lamps must during treatment abge-on and oxidizers (hydrogen peroxide) must be removed.

During the treatment of the aquarium with LEVAMICIL no active filter media (eg: activated carbon, phosphate removers, etc.) may be used in the filter to interactions with total bound pollutants to prevent.

Ion exchangers (eg for nitrate removal, etc.) must be removed during treatment with LEVAMICIL

from the water cycle of the aquarium.

As with all treatments, the fish should be regularly and carefully observed during the therapy to the treatment in the event of the occurrence of complications, which arise from the specific formation of the user or application errors and therefore can not be predicted to break through a large water change.

Dosage and administration:

Provide. During treatment with LEVAMICIL for a good Sauerstoffver-supply your aquarium by exhaust vents-Strömer and the movement of the water upper surface through the filter outlet The water temperature should not exceed 29 ° C.

The treatment for the relief of your fish nematode occurs in two steps. For the dosing of the LEVAMICIL the pack enclosed measuring cup and distribute the drug on the water surface. Then you mix the Aqua-riumwasser by stirring with the Medi-kament. The dosage is:

1 ml per 20 liters of aquarium water

On the 6th day, making it the first treatment completed and it has a large water change of 80% of the aquarium water be carried out.

10 days after this water change is performed a second treatment. The dosage is again:

1 ml per 20 liters of aquarium water

Then according to the first treatment, a large water change of 80% is again carried out.

In rare cases occurs during treatment-lung LEVAMICIL days with a haze of aquarium water through a proliferation of bacteria in the water and associated oxygen depletion, in these cases, the treatment by a large water change of 80% should be discontinued.

After the completion of successful treatment with Beh-LEVAMICIL the aquarium water should manus aquarium product DIPL ORAL be added over several weeks in order to support the continued recovery and recovery of fish.

In the ornamental fish breeding, it is useful to treat new entrants and parents before preparation for spawning in the breeding aquarium. Juveniles can be treated equally with LEVAMICIL.

Like all medicines must LEVAMICIL not be overdosed. By diseases ge-weakened animals may be more sensitive.

Contraindications and side effects:

LEVAMICIL is a new product and well tolerated for most freshwater and saltwater fish species. Since currently there is no experience with the use of LEVAMICIL in cartilaginous fishes (Chondrichthyes) are present, should not be used for reasons of prudence LEVAMICIL in these fish.

There are no known side effects.

The ornamental fish holder is encouraged to communicate any previously unknown side effect of a veterinarian or pharmacist and the manufacturer.

Special warnings

Keep away from children!

Irritating to eyes. After eye contact Rinse the eyes for several minutes under running water.

Not for use in animals intended for food use.

Store in the original packaging and protect from light and heat, and frost-free. After the expiry date no longer apply.

LEVAMICIL can have a coloring effect.

Please note prior to the treatment that we provide the latest information on our product LEVAMICIL and updated patient information leaflets available for download on the website [www.manaus-aquarium.de](http://www.manaus-aquarium.de) for the application of LEVAMICIL.