

eSHa-ndx - AGAINST PARASITIC NEMATODES (ROUNDWORMS)

Veterinary medicine for ornamental fishes in freshwater and marine aquaria

eSHa-ndx

HOW DO I KNOW WHEN TO USE eSHa-ndx?

Disease diagnosis is the first step towards successful and rapid disease cure. Most fish diseases are highly contagious and spread quickly in aquarium conditions so prompt, diagnosis and treatment is advised. There are some 'early warning signals' which should be watched for, as these can indicate the onset of a disease.

Swollenness, emaciation or reduced appetite. Unusual or sluggish swimming behaviour.

Skin: - The skin is the first line of defence and as such it is often the first to show signs of attack from infection. Any changes in skin colour or appearance should be closely watched for.

Fins: - Watch your fish's fins. Fins which are held close to the body signal an illness. Particularly on live bearing fish. Fin clamping can indicate the onset of a disease.

WHAT DOES IT TREAT?

eSHa-ndx is an anthelmintic for ornamental fish against parasitic nematodes like Anisakis, Camallanus, Capillaria, Pseudocapillaria, Eustrongylids, Oxyurids etc. The parasitic nematodes, also known as roundworms, are generally found in the intestines. Symptoms of nematode infections are weight loss, reduced appetite or visible protruding worms from the anus (Camallanus cotti). Nematodes can be live bearing (viviparous) or egg laying (oviparous). Some nematodes have reproduction cycles with one or more intermediate hosts. Preferably confirm the diagnosis by microscopic examination. More information can be found on www.eshalabs.eu.

Side effects and contraindications: none known

TOLERANCE

eSHa-ndx is well tolerated by ornamental fish in freshwater and marine aquaria. We did not observe any negative effects on crustaceans. You should be careful with lower animals like corals, anemones, sea urchins, snails, clams etc., when present, treat the fish in a quarantine tank. Do observe the aquarium well during treatment and, in case of complications, filter over activated carbon first and then perform a water change. This product also kills Planaria and non-parasitic nematode worms. These Planaria and worms can excrete toxic substances when dying. Remove, especially in marine tanks, as many Planaria and non-parasitic worms as possible, before and during treatment.

STANDARD DOSAGE

1:- Calculate the volume of your aquarium. Calculate only the area occupied by water.

Litres	Length x Width x Depth in cm	: 1000
Gallons	Length x Width x Depth in inches	: 276
1 Litre = 0.22 Gallons	1 Gallon = 4.54 Litres	

2:- Add drops of eSHa ndx to your aquarium by holding the bottle upside down and squeezing the pipette (100 drops = 4.4 ml).



Day 1: 1 drop per 1 litre aquarium water. After 24 hours perform a 50% water change or as an alternative filter over fresh activated carbon and change 20% of the water.

In case of oviparous Nematodes repeat the treatment 14 days after the first dosage to eradicate the hatched eggs. In special cases treatment can be repeated after another 2 weeks. Treat marine fish in a quarantine aquarium and turn off the skimmer for the first 4 hours and turn of the UV for the first 24 hours. **For freshwater and marine aquaria:** In cases with little or no improvement a 50% water change is recommended without dechlorinators or oxidizers (see Interactions with other products), after which the treatment can be repeated. If any unknown complication occurs IMMEDIATELY,

either transfer the fish to another aquarium or do a partial water change and/or filter over activated carbon and contact your expert retailer. If you want to use another treatment straight after using eSHa-ndx, you can remove all components by filtering over fresh activated carbon or perform a major water change.

PRECAUTIONS

- Always remove chemical 'active' filter media such as activated carbon, UV, oxidisers, resins etc. You may continue to filter over non-adsorbing materials such as filter-wool, sand, gravel etc.
- Switch off UV lights and remove resins during the treatment because they can affect the product.
- Filter contents must be cleaned regularly and filters kept running day and night. In case of failure, provide a replacement source of oxygen.
- The water quality should be acceptable before using the product. It is advisable to perform a 20-25% water change every month and frequently siphon of / clean the gravel.
- Replacing some of the water during or just after treatment effectively removes some of the treatment. Compensate by adding a proportional amount of medication after a water change.

INTERACTIONS WITH OTHER PRODUCTS

- Never combine treatments unless the manufacturer specifically states that it is safe to do so.
- Chemically active substances, such as (fresh) activated carbon, excessive use of dechlorinators, UV, oxidizers, etc. can adsorb the product or release toxins. In that case remove activated carbon etc. and perform a large water change without using water conditioners.

SUPPORT AND RECOVERY

To maintain the best possible balance in your freshwater aquarium after treating diseases it is recommended to use eSHa Optima® (trace elements, minerals and vitamins which stimulate and support the natural immune defences and speed up recovery after the treatment with eSHa-ndx) and eSHa PRO-PHYLL® (plant food and nutrition). It is also important to regularly check your water quality using eSHa Aqua Quick Test. This will help your aquarium to look at its finest every day and it will be enjoyed by your friends and relatives. A flourishing aquarium is an ornament in your home or office. To speed up recovery, after a successful disease treatment in marine aquariums, we recommend the use of eSHa MINAROLL (minerals vitamins and trace elements).

COMPOSITION

Composition/ml Active ingredients: 54 mg Levamisoli hydrochloridum (Levamisole hydrochloride). Other ingredients: 0.85 mg Methylis parahydroxybenzoas, 1.4 mg Natrii metabisulfis, aqua.

WARNINGS

Veterinary medicine for animal (ornamental fish) treatment only - Do not use with animals that are intended for consumption - Keep out of reach of children and pets - Store bottle and leaflet in original packaging - This product may stain if spilt - Store frost-free in a cool, dark place - Do not use after expiry date - Wash away product remainders with plenty of water. Dispose completely empty packaging in the household refuse. Shelf life after first time opening: 6 Months. After this the effectiveness may decrease. This veterinary product is marketed in accordance with the Small Animal Exemption Scheme. Authorisation number: 2115-FG. Retail packaging: 20ml for 450 litres / 99 gallons. Wholesale Packaging: 180ml - 500ml - 1000ml. Revision Date: 05-2014. Art. Nr. 79017

TOGETHER WE WILL FIND THE SOLUTION!

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