

# Instructions for Use:

**Pharmaceutical firm:** JBL GmbH & Co. KG, Dieselstraße 3, 67141 Neuhofen, Germany , +49 6236 41800

**Name of medicine:** JBL ArguPond Plus, Active ingredient: diflubenzuron

**Application form and contents:** 500 ml suspension as an additive for 10,000 l of pond water

**Active ingredients according to type and amount:** A 100 ml suspension contains: diflubenzuron (550 mg)

**Area of application:** Medication to treat carp louse (Argulus), anchor worm (Lernaea), gill maggots (Ergasilus, etc.) and other parasitic crustaceans (woodlice) in ornamental fish in garden ponds.

Fish infested by carp lice become timid, exhibit abnormal behaviour – jumping at night, in particular – and try to rub against rocks. The bites of the carp lice may cause inflamed spots on the skin. Carp lice can be recognised by the naked eye as fingernail-shaped parasites of 4 - 12 mm.

Anchor worms are clearly recognisable as whitish elongated rod-shaped or twig-shaped formations with two long egg sacks. The head is in the fish scale sack where it causes inflammations.

Female gill crustaceans are the only parasitic gill crustaceans. Infection with gill crustaceans can be recognised as a whitish rod-like formation with the naked eye (after carefully raising the gill cover). As the crustaceans often change their location within the gills, large surfaces of the gill tissue may be damaged. The fish exhibit signs of respiratory distress and become weakened and emaciated.

**Contraindications:** None known.

**Warning notices:** JBL ArguPond Plus is ineffective at water temperatures below 18°C, so that it should only be used at temperatures above 18° C. Do not use in crayfish. Other micro-crustaceans and insect larvae also become damaged.

Measures against anchor worms are only advisable if you can find one to two worms per fish. Severely infested fish should be destroyed appropriately. In the event of severe infection, the part sticking deep in the skin of the anchor worms which have been destroyed by the medication would cause secondary poisoning of the fish which is fatal.

The active ingredient blocks the chitin synthesis of the parasites, thereby preventing the next moulting. Therefore, the crustaceans parasitizing the fish are not killed directly, and instead, are killed when the next moult is due to occur.

**Adverse reactions:** None known. In case you observe adverse reactions in your fish, please inform us and your veterinarian or pharmacist.

**Animals:** For ornamental fish in garden ponds

**Use:** Prior to use, any activated carbon present in the filter must be removed and UV-C appliances, ozone devices and copper and hydrochloric acid dosing devices must be switched off. The garden pond must be aerated during the treatment. JBL ArguPond Plus should generally be added in the morning and the animals observed.

**Dosage and duration of use:** Shake the bottle well for one minute.

40 ml to 800 l of pond water.

Mix the required amount with pond water in a watering can and spread evenly in the pond. Dwell time in the pond: 1 week.

**Feeding during the treatment:** The fish should continue to be fed during the treatment.

**Filtering during the treatment:** We recommend cleaning the filter prior to use.

**What to do in case of an overdose, interruption or discontinuation:** If an overdose is discovered, half of the water must be changed.

**After the treatment:** After the treatment, the garden pond should be filtered with activated carbon for 48 hours in order to remove residual traces of the medication. The activated carbon must be disposed of properly afterwards. A 30 % water change must be done afterwards. The water changed should be disposed of in the drainage system, never in lakes and rivers ! Adding a bacteria starter to the pond water helps replace any damaged cleansing bacteria.

**Storage precautions:** Protect from light and heat, store in the original packaging.

**Special precautions:**

- Keep medication out of reach of children.
- Not to be used in animals intended for human consumption.
- For animals. The medication may not be used any longer after the expiry date.
- Do not use with other medications.
- The use of water conditioners or salt weakens the effect of the drug.

This veterinary medicine is marketed in accordance with the Small Animal Exemption Scheme. SAM0012

**CH.B./best before:** see lower rim of bottle

**Version:** 11/2012

