



# JBL Spirohexol Plus 250

Remedy to treat flagellates and hole-in-head disease

Suitable for:    



- Medication for aquarium fish to treat intestinal flagellates of the genus Hexamita (hole-in-head disease), Spirotrunculus and Protoopalinia.
- For fresh and saltwater fish
- The hole-in-head disease is caused by flagellates but also exacerbated by mineral deficiency. Therefore harden the soft water
- JBL Online Hospital: gives you access to identify fish diseases
- Contents: 1 packet Spirohexol Plus 250. For max. 500 l aquariums. For repeated use for max. 250 l. 10 ml/50 l water. Remains in the water: 7 days. Then 50 % water change. On the 8th day the treatment can be repeated.

 You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/10071>



**JBL Denitrol**  
Bacteria starter for adding aquarium fish



**JBL FilterStart**  
Bacteria for the activation of filters



**JBL Acclimol**  
Water conditioner for acclimatisation





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## Product information

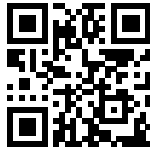
About 90 % of all fish diseases can be put down to a weakening of the fish's immune system. This means the application of remedies can fight the pathogen but doesn't generally eliminate the cause. It is therefore very important to determine the cause.

As soon as the first signs of disease become noticeable IMMEDIATE action is required. In most cases people wait too long.

Hole-in-the-head disease/ spironucleus/ hexamita/ flagellates/ protoopalina:

The hole-in-the-head disease is caused by flagellates of the genus spironucleus or protoopalina. Under specific conditions, which have not yet been clearly defined, there is a mass reproduction of the flagellates which live in the fish's intestine. They compete with the fish for mineral nourishment until the fish suffers from a mineral deficiency. In response to this deficiency the fish extracts minerals from its own bone tissue. Because the fish's head has the largest bone substance, it is particularly here that it comes to a massive bone reduction which is visible as holes. The flagellates meanwhile move to the nearest body surface. Because the hole walls are the nearest body surface you can find the flagellates at the bottom of the holes. The flagellates used to be held wholly responsible for this disease. The truth of the matter, however, is that it is a combination of mineral deficiency and the massive reproduction of flagellates which leads to the hole formation. Tapeworms, roundworms, fish tuberculosis and malnutrition can equally lead to hole formation. Remedy: Increase by adding JBL Aquadur the mineral content of the water. So far occurrence of the hole-in-the-head disease has only been observed in very soft water.

Now combat the flagellates by adding JBL Spirohexol Plus 250.

Further information	
FAQ	✓
Blog	✓
Press	✓
Laboratory/calculator	✗
Worth reading	✓
Spare parts	✗
Video	✓
GarantiePlus	✗
Instructions	✓
QR code	





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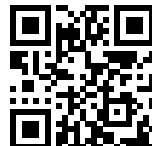
Food type	-
Sub product type	remedies
Dosing	100 ml suspension as a supplement for 500 l aquarium water





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## Safety information

Further safety information	
Safety instructions	✓
QR code	
Notes	*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.
Note	Not suitable for cartilaginous fish (sharks and rays) and for invertebrates in freshwater and marine water. As a matter of precaution, they should be excluded from the treatment. In marine water we recommend you carry out the treatment in a quarantine tank. (caution for Spirohexol Plus)

