

## Application No. 122: Cleaning the aquarium

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### There is an end to wet and slimy hands!

Now it is possible to remove green algae and dirt from the inside of aquarium glass panes without dipping your hand in the water, without emptying the aquarium, without disturbing the fish and even without getting your hands dirty! Magnets are the solution!

To clean the aquarium, you only need:

- A small piece from a cleaning cloth
- A block magnet type Q-15-15-03-N ([www.supermagnete.de/eng/Q-15-15-03-N](http://www.supermagnete.de/eng/Q-15-15-03-N))
- A second, easy to hold magnet, such as a boss magnet ([www.supermagnete.de/eng/M-21](http://www.supermagnete.de/eng/M-21))

### Step 1:

Cut a 10 x 10 cm piece off a soft cleaning cloth that will not scratch the glass pane.



### Step 2:

Wrap a Q-15-15-03-N-block magnet or another magnet with similar strength into a cloth.



### Step 3:

Position the wrapped magnet on the inside of the aquarium glass pane and keep it in place with a counter-magnet on the outside. Cover the counter magnet with a cloth as well, so you don't scratch the glass!

Now, carefully move the magnet on the outside. The magnetic cleaning cloth will, of course, follow the movement. That's how you can remove dirt and algae on the inside without any difficulty. It leaves the aquarium perfectly clean!



*Note from the supermagnete team:*

We would like to point out, that our neodymium magnets ([www.supermagnete.de/eng/magnets\\_overview\\_raw](http://www.supermagnete.de/eng/magnets_overview_raw)) are not actually meant for use in water, since they are not rust-proof. You can expect having to replace them frequently.

Ideally suited for this application are waterproof magnets ([www.supermagnete.de/eng/group/rubber\\_coated](http://www.supermagnete.de/eng/group/rubber_coated)). These neodymium magnets are enclosed in a plastic or rubber casing and thus protected.

**Articles used**

1 x Q-15-15-03-N: Block magnet 15 x 15 x 3 mm ([www.supermagnete.de/eng/Q-15-15-03-N](http://www.supermagnete.de/eng/Q-15-15-03-N))

1 x M-21: Boss magnet large ([www.supermagnete.de/eng/M-21](http://www.supermagnete.de/eng/M-21))

Online since: 25/07/2008

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