



## New Products

neo BAG

October, 2022

# neo BAG



## Highest decontamination by two ways

Neo bag most efficiently removes nitrogenous, chemical compounds, and pollutants in two ways, biologically and chemically.

Biological methods are stable and chemical methods are characterized by rapid removal, so applying both methods at the same time is most efficient



# biological removal of organic carbon balls

For the survival and reproduction of bacteria, organic carbon, nitrogenic compounds, phosphate, and trace elements are all needed. In particular, organic carbon (the basic energy source) is needed the most among them, but in tank there is always less organic carbon and excess nitrogenic compounds and phosphate.

This is harmful to fish, coral, and causes bad algae.

As soon as organic carbon is supplied, for the survival and reproduction, bacteria use it as an energy source to consume (=remove) and decompose phosphate and nitrogen compounds (ammonia, nitrites, nitrate) and other pollutants.



The Neo Bag contains two different energy balls, white and black, which continue to provide stable organic carbon and trace elements.

The organic carbon balls of Neo bag alone can remove nitrogen compounds such as nitrate and pollutants without any other ingredients



## Harmful negative ion adsorption



Nitrites, nitrates, and phosphates of negative ion (anion) in the tank are toxic to the organisms in the tank

In particular, nitrates and phosphates usually accumulate even after the filtration cycle is completed, so most of them need to be removed with a water change.

The Neo bag minus maintains clean water quality because it chemically adsorbs these components in the tank in a short time.

In addition, Neo bag minus is economical because it can be used repeatedly through the regeneration process, and it also adsorbs Harmful negative ion components other than the above components.



## How to use

- ※ Use 1 bag for 60 liters, but add 1 bag if you want a quick effect.
- ※ Place in an external filter or hang-on filter or in a place where water flows best
- ※ The slower the water flow around the neobag, the less effective it is.
- ※ Shake in clean water about 20 times before using.
- ※ Black water comes out, but it's normal with the ingredients of the black energy ball.
- ※ The energy ball slowly disappears after a month or two.

**Size of Neo Bag: 12×8 cm / 8 bags per 1 product**

## Regeneration

Shake bag with 300ml of 10% salt water solution for about 10 minutes and soak for a day  
After that, if you remove enough salt with clean water, it will restore function again.  
If the regeneration is repeated, the performance will gradually decrease.



## Precautions

- ※ Performance depends on the flow of water in the neobag and the degree of water contamination in the tank.
- ※ Use it only for aquariums.
- ※ Keep away from children and pets.
- ※ The color of the product may change later.

neoBAG  
**PLUS**



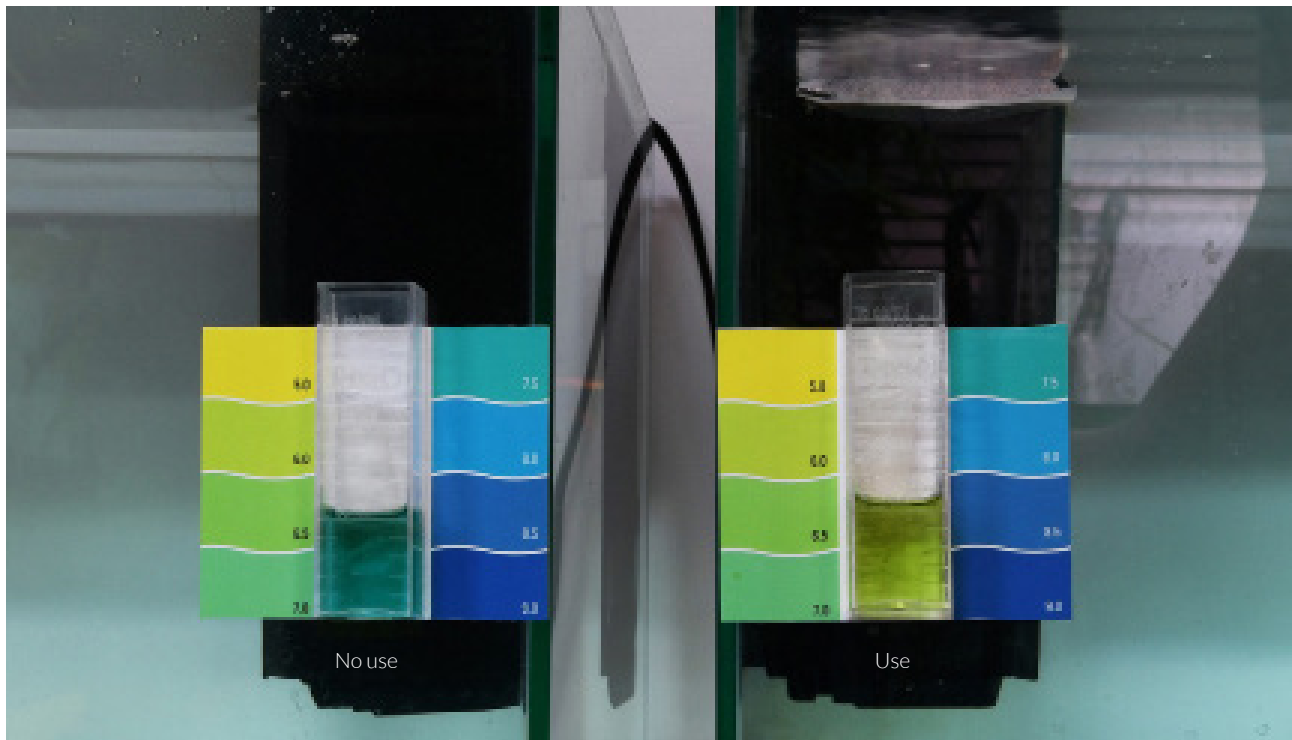
Quick softening and PH drop



Most freshwater ornamental fish and aquatic plants, with the exception of African cichlids, prefer weak acidity and soft water

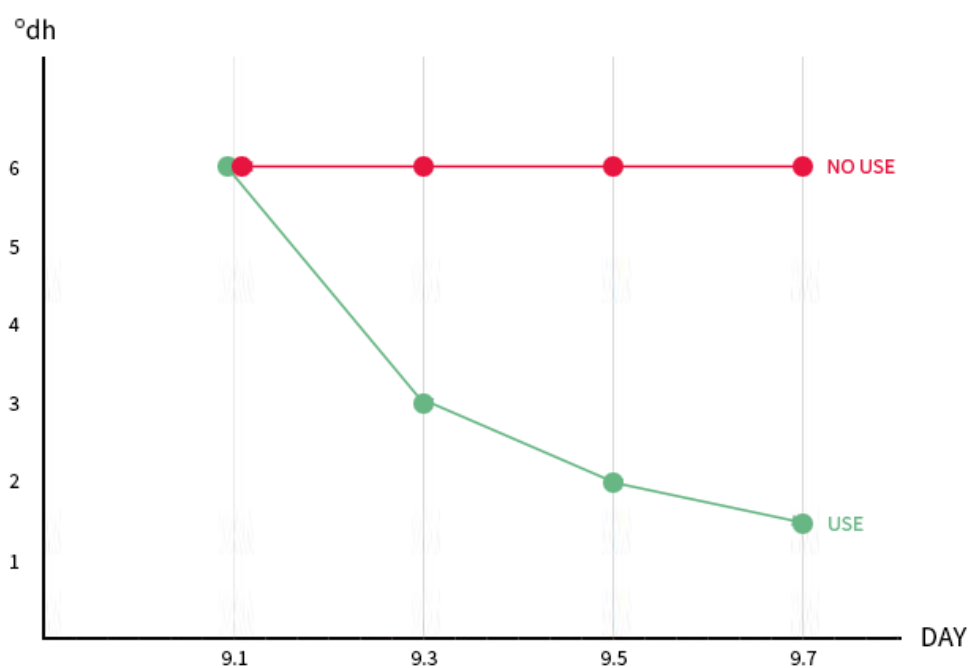
Therefore, it is necessary to maintain low GH by removing positive ion(cationic) components such as calcium and magnesium, and in addition, we need to take measures to lower PH.

Neo bag plus chemically adsorbs positive ion(cationic) components such as calcium and magnesium in the tank in a short period of time to make soft water, and it also quickly lowers pH to maintain weak acidity water quality



Neo bag plus also adsorbs harmful other positive ion(cationic) components in addition to the above components.

### GH drop test



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## Precautions

- ※ Performance depends on the flow of water in the neobag and the degree of water contamination in the tank.
  - ※ Measure the pH periodically, and if the pH is too low, stop using it and store it in clean water.
    - ※ Use it only for aquariums.
    - ※ Keep away from children and pets.
  - ※ The color of the product may change later.



neo BAG  
**CARBON**



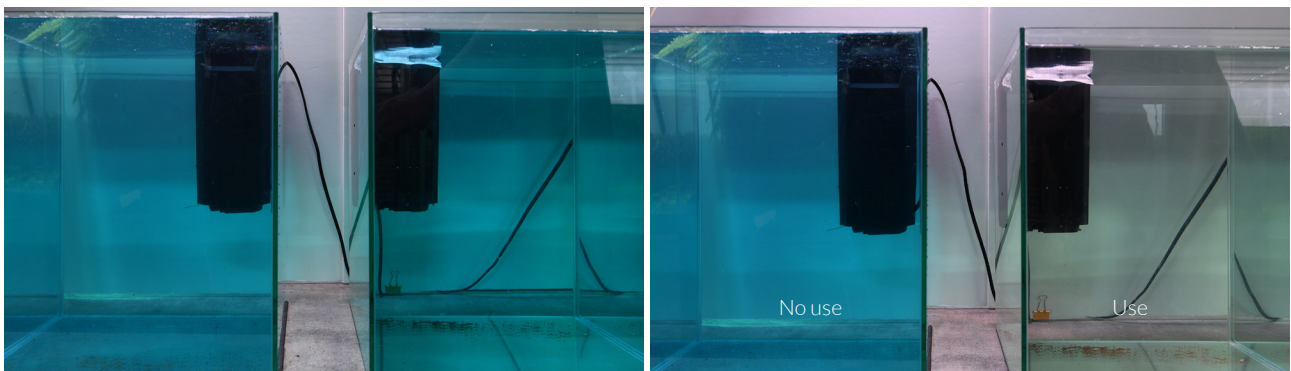
Superior adsorption of premium carbon



## Excellent adsorption power

Neo bag carbon quickly adsorbs various chemical compounds and pollutants, making water transparent and removing odors.

Neo bag carbon is the highest grade activated carbon used in food manufacturing processes, not for industrial use.



## No effect on PH

Mostly activated carbon generates a lot of hydroxide in the manufacturing process, which increases the pH of the water, but the neo bag carbon does not affect the pH. Neo bag carbon has little ash, which means that there are few substances that cause PH rise, such as hydroxide.



## Superior internal water flow

Water must flow well inside the activated carbon to allow activated carbon to adsorb pollutants not only on the surface of the activated carbon but also on the inside. If there are only micropores, adsorption is mainly done on the surface. When you put Neo bag carbon in a cup of water, a lot of bubbles occur in large quantities for a long time, which means that water flows inside the activated carbon. In other words, Neo bag carbon is a superior activated carbon with optimal macropores and micropores.



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**ZEOLITE**



Fastest ammonia and heavy metal adsorption

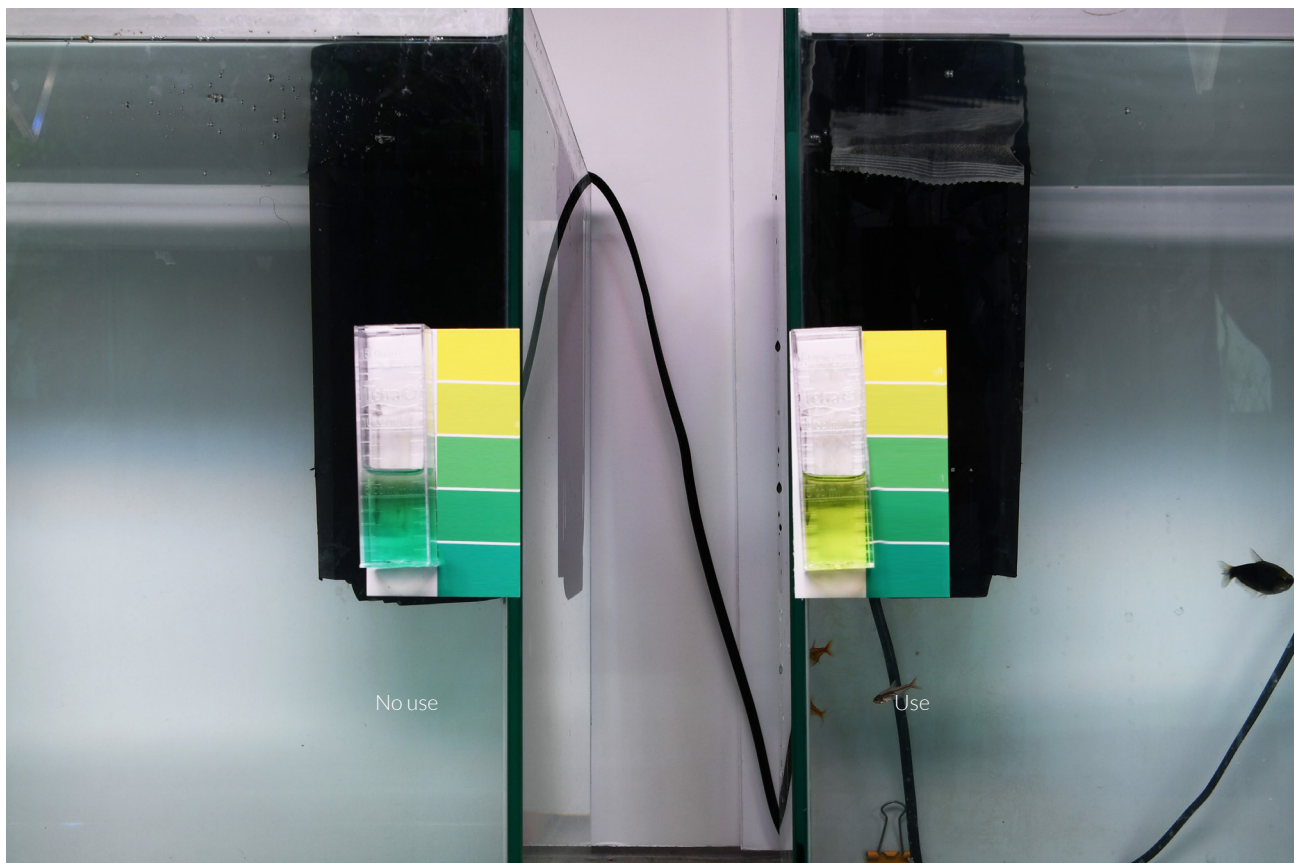


Nitrate accumulates continuously even in tanks with a complete filtration cycle.  
Neo bag zeolite is a natural porous mineral that adsorbs heavy metals such as lead and zinc  
and ammonia through ion exchange mechanisms  
Neo bag zeolite adsorbs ammonia, which prevents nitrate from occurring in advance, reducing  
water change and preventing bad algae.

## Regeneration

Shake bag with 300ml of 10% salt water solution for about 10 minutes and soak for a day  
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