



Thank you for purchasing ISOKOMA “水槽用ろ過材 / Japanese keep aquarium water clean”.
Please read the instruction manual carefully before use.

Japanese keep aquarium water clean manual

What is Japanese keep aquarium water clean?

ISOKOMA “水槽用ろ過材 / Japanese keep aquarium water clean” maintains the balance between the amount of ammonia from fish waste, leftover food, etc. and the number of nitrifying bacteria, and purifies the water quality through biological filtration, and finally adsorbs and fixes the remaining nitrate, making the water safe and bacteria-free even without water changes for a long time. This product is an aquarium purifier that restores natural water in the aquarium by allowing natural filtration bacteria to mature. It is an aquarium purifier that combines chemical and physical adsorption. Ammonia adsorbed is decomposed by the action of natural bacteria, and the adsorption limit and the re-release of the adsorbed substance are reduced to a minimum. The adsorbed ammonia is decomposed by the action of natural bacteriophages and is not re-released. This is Japanese Patented Products.

How to use.

This product is made from vegetable incinerator ash that has been processed into a porous to improve its function. It is simply placed as a filter for circulating water in the upper filtration tank or external filtration tank of an aquarium. This product adsorbs and fixes nitrate and other substances, but the adsorption limit changes depending on the condition of the aquarium. So to prevent functional deterioration, we recommend replacing this product and breeding water every 5 to 6 months, depending on the fish being kept. Please replenish the amount of breeding water that has evaporated. Please use magnetic glass cleaner to remove stains on the glass.

Water quality retention characteristics of this product

Even if the water is so cloudy that fish cannot see it due to the turbidity of this product, the water will still be clear and turbidity will remain for 8 to 10 hours, but it will be clear and turbidity-free in 2 to 3 days. It may take 4 or 5 days depending on the function of the filter. Even in the cloudy water, it is harmless to living organisms, so please don't worry. When the water becomes clear, the purifier is deposited on the bottom sand, gravel, etc., and adsorbs ammonia. The water becomes clear, ammonia is adsorbed on bottom sand, gravel, etc., and bacteria multiply in the filter tank and the entire aquarium, and biological filtration takes place.

This product is a coagulant that has no adverse effect on the ecosystem. It adsorbs water contaminants such as organic matter and forms large flocs (clumps), which are then filtered in the



filtration tank. It always keeps the water clean without any floating dirt in the water. This product adsorbs and fixes nitrate in the micropores to keep the water safe for aquarium keeping.

Nitrate treatment is a major problem during water changes in aquariums, but this product maintains safe breeding water by adsorbing and fixing nitrate in the micropores.

Caution

This product is not edible.

Do not use this product in combination with additive bacteria or bacteria-containing purifiers.

Although no chemicals are used, if the powder gets into your eyes, rinse them with water. If pain persists, consult an ophthalmologist. Keep out of reach of children. This product is not for use in aquariums other than aquariums for ornamental fish. Although there is no expiration date, please keep the plastic bag tightly closed and store in the shade to prevent it from drying out.

Recycling

After use, please take out the purifier and use it as a soil conditioner for flowers and plants in planters, etc.

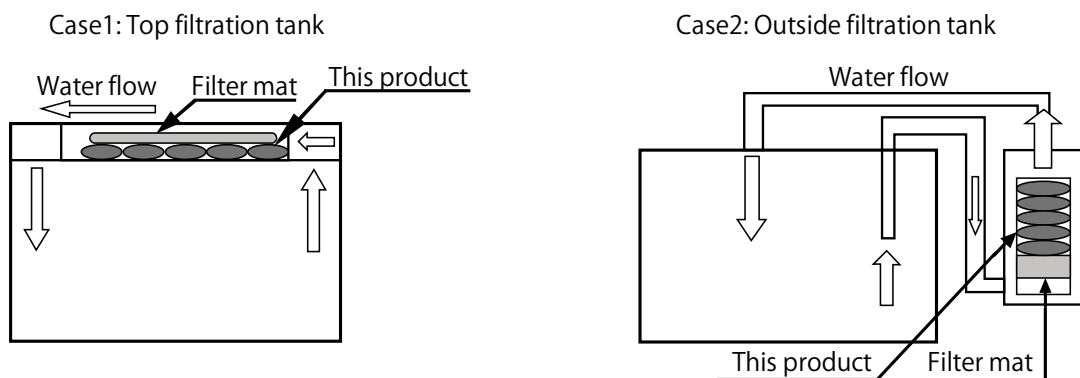
User's guide. Please read before use.

ISOKOMA “水槽用ろ過材 / Japanese keep aquarium water clean” is a safe product for living organisms made from vegetable incinerator ash that has been modified to be porous and functionally enhanced.

How to use.

This product is intended for contact filtration. It is placed in the upper filtration tank or external filtration tank as a filter to ensure effective contact with the breeding water. 5 bags per box for 60 cm and 45 cm tanks. (For 10 gal. / 50L)

Do not put this product directly into the aquarium tank, or long-term purification by contact filtration will not be achieved.



The fine powder of this product dissolves into the aquarium and causes turbidity, but rest assured that this turbidity is necessary for purification and is harmless to the ecology. The particles with micropores in the turbidity will multiply aerobic bacteria and strengthen the biological filtration. Even if the fish cannot see the turbidity, it will become cleaner with time.

★When using an external filtration tank, the Aquarium Purification Pack is light before it contains water, so when it is installed in the tank and water is circulated, the water pressure may push the Aquarium Purification Pack into the tank, so please place a simple fourerette at the top (as shown in the figure) to prevent it from falling. This product is effective when used in combination with a filtration mat.

★This product cannot clean dirty water. Before using this product, please replace about half of the dirty breeding water with tap water after removing calcium from the water and set this product in place. The aquarium tank will remain clean and clear for a long period of time.



★It is recommended that all aquarium layout installations (except bedding gravel) be removed prior to installation of the purifier and reinstalled after the water has settled. The fine powder of the purifier may contaminate the water when it settles. When re-installing, some of the purifier may fly up, but it will settle out quickly because it is in clumps.

★When starting up a new aquarium, set the tank with water that has been de-calcified (in the case of tap water), set this product in the filtration tank, and circulate the water.

After about 10 hours, add one or two fish and see how they do.

Bacteria will settle on the particles of the product and decompose toxic substances such as ammonia to stabilize the breeding water.

The water will be clear in a few days, but it may take 4 to 5 days depending on the function of the filter tank.

★This product is a naturally occurring vegetable incinerator ash modified into an adsorbent material with porous and fine pores. This product promotes biological filtration, which is the original purification process, and creates a living environment for fish. The porous and fine pores provide a place for aerobic bacteria to settle, allowing them to mature and decompose toxic substances such as ammonia, and finally adsorb and fix the remaining nitrate. The breeding water is clean, but the adsorption limit of nitrate is unknown.

In experiments, it is safe for 6 months, but we recommend replacing it after 5 or 6 months, depending on the fish being reared, in case the function declines.