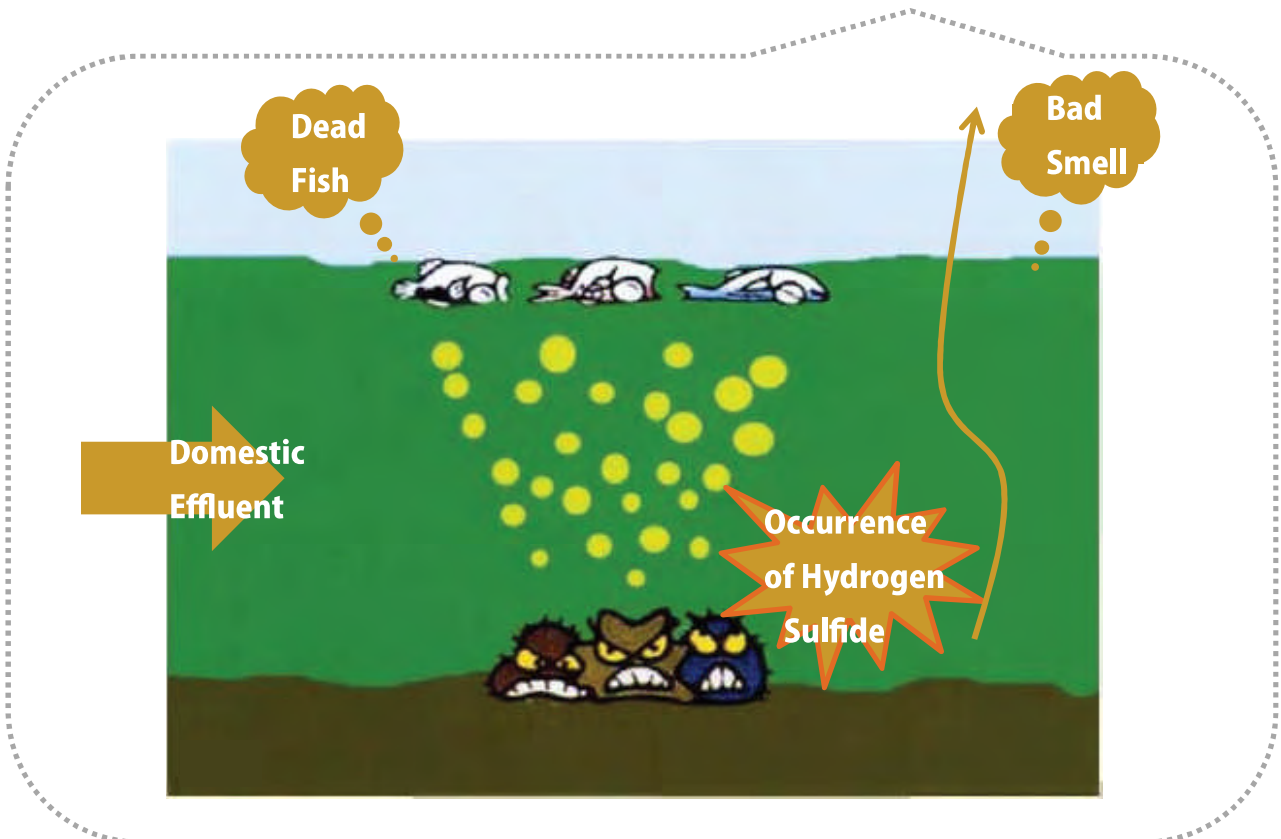


# Mineral Ocean S

Do you have any difficulties with worsening water quality of rivers, lakes and marshes?



## Cause

Worsening water quality of rivers, lakes and marshes is caused by the occurrence of hydrogen sulfide triggered by filth and Microcystis that are piled up on the bottom with the inflow of domestic effluents. Lots of rivers, lakes and marshes are currently having this problem.

## Measures

By spraying the rivers, lakes and marshes with "Mineral Ocean S (for improving the bottom sediment quality)", you can turn the bottom sediment into a weak alkaline state and decompose the water quality and organic materials in the bottom sediment aerobically, thus resulting in the reduction of hydrogen sulfide and a cleaner environment for the fish to live in.



Gravel-Type Material

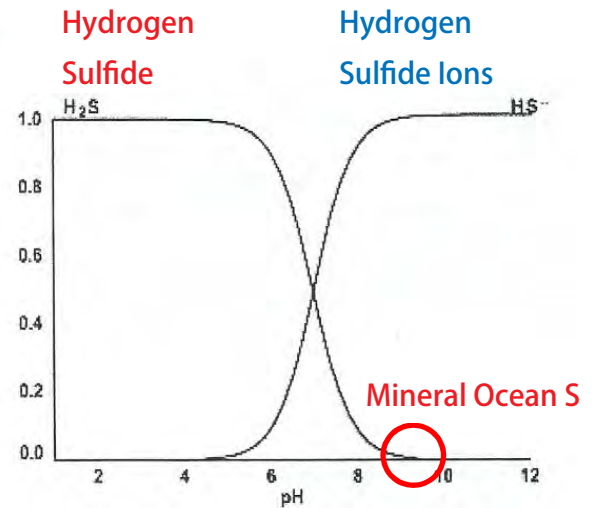


Particle-Type Material

## How it Works

Worsening of water quality is caused due to sulfur oxidation bacteria turning sulfate ions in the effluent into hydrogen sulfide. This product keeps the water and bottom sediment in a weak alkaline state and reduces sulfur oxidation bacteria that act in an anaerobic and acidic state in order to reduce the occurrence of hydrogen sulfide.

The amount of hydrogen sulfide is reduced by 90% at pH of about 8 and turned almost completely into hydrogen sulfide ions at a pH above 9.



## Characteristics

This is a magnesia product that is based on sea water. It is a safe material that is also used in medicines, food additives and supplement. Since it is not a dangerous material, you do not need any special qualification to handle it. Only limited amounts of the product elute in water in order to keep a clean environment for the aquatic organisms to live in.

## Case Study



City River (Before Spraying)

One Week  
Later



(After Spraying)

## Cost

Please contact us for a quote

- General Distributor  
Kankyo Magnesia Co.Ltd
- Manufacturer  
Ube Materials Industries,Ltd