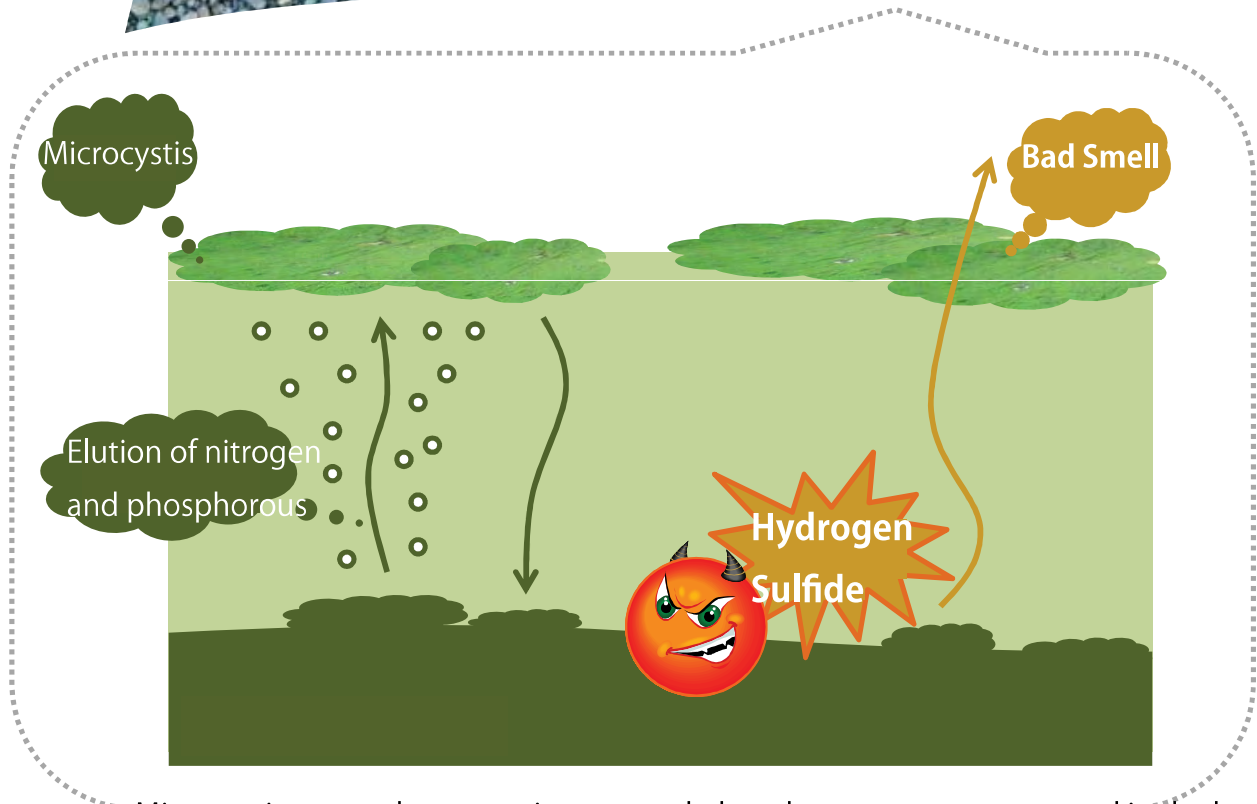


Mineral Ocean A

Do you have any difficulties with Microcystis?



Cause

Microcystis occurs because nitrogen and phosphorous are concentrated in the bottom sediment. Because Microcystis consumes lots of oxygen during night time, it accelerates worsening of water quality. Sulfur oxidation bacteria become more active due to this and hydrogen sulfide (bad smell) occurs.

Counter measure

By spraying the lake, river and marsh with environment-improving material Mineral Ocean A (for eliminating Microcystis), you will be able to settle Microcystis. Also, the bottom sediment turns into a weak alkaline state to restore its self-cleansing ability and the multiplication of Microcystis is suppressed. Also this product activates aerobic bacteria and suppresses the activities of sulfur oxidation bacteria, resulting in the reduction of hydrogen sulfide (bad smell).

Mineral Ocean A



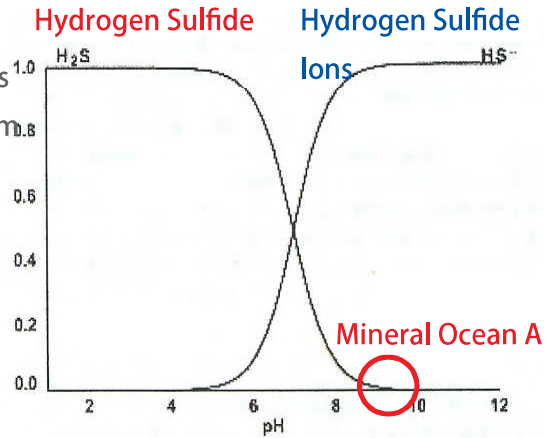
Powder-Type Material



Granulated Material

How it works

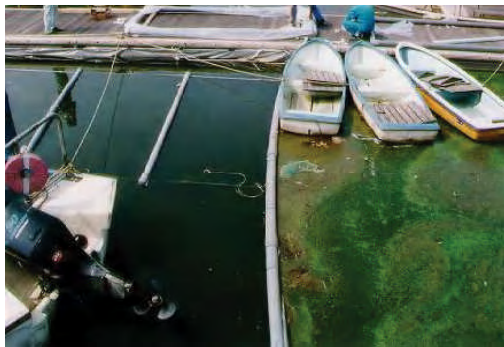
Microcystis occurs mainly due to nitrogen and phosphorous accumulated in the bottom sediment. Mineral Ocean A can settle Microcystis rapidly. This product keeps the water and bottom sediment in a weak alkaline state and fixes nitrogen and phosphorous accumulated in the bottom sediment as phosphate in order to reduce the occurrence of Microcystis by activating aerobic bacteria. 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 magnesia product that is based on sea water. It is a safe material that is also used in medicines, food additives and supplements. Only limited amounts of the product elute in water in order to keep a clean environment for the aquatic organisms to live in.

Case Studies



A Marsh in Gunma Prefecture (Unsprayed Area) (Sprayed Area)



Before Spraying



During Spraying (During Settlement)



After Spraying (After Settlement)

Cost

Please contact us for a quote

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