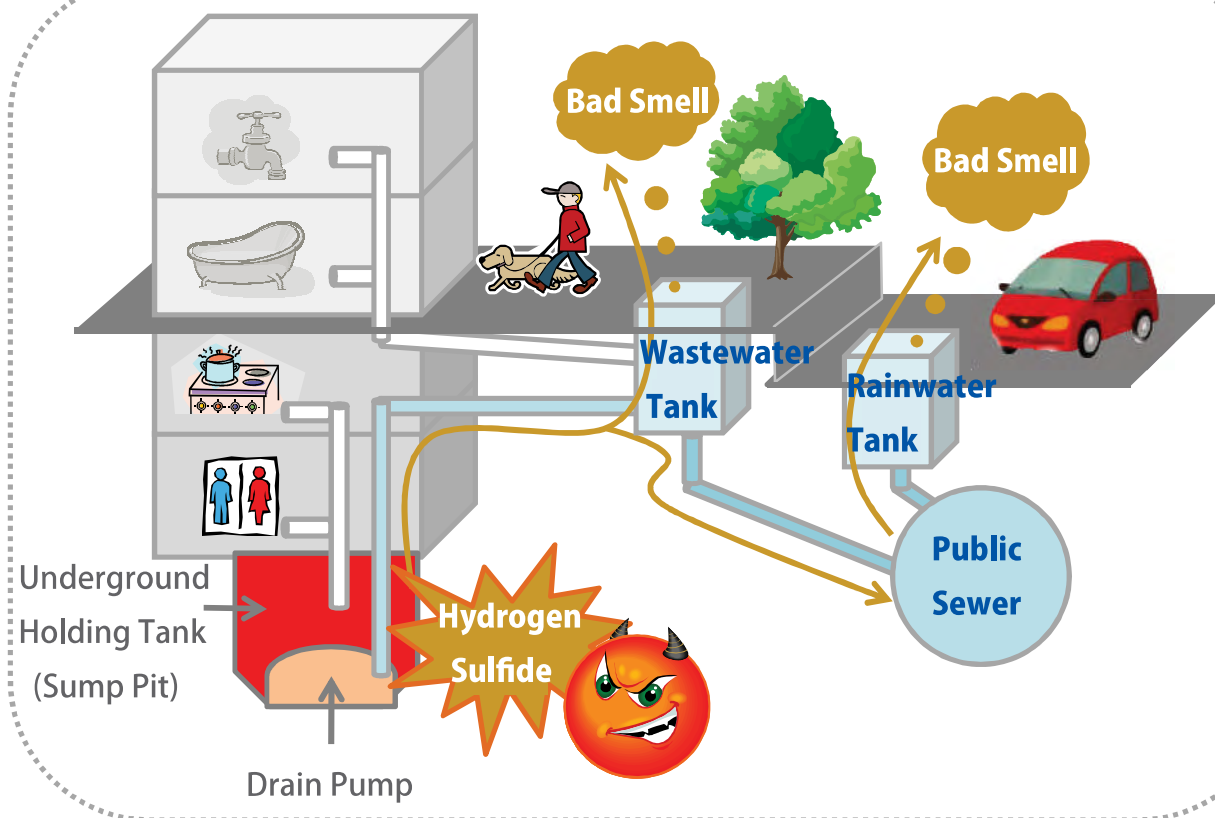


Mineral Ocean HS

Do you have any difficulties with bad smell around the buildings?



Cause

Bad smell occurs when hydrogen sulfide(=Bad Smell) is generated in the building' s sum pit which contains wastewater from the underground kitchen and toilets. Many buildings are having this problem.

Counter measure

By spraying the sum pit with environment-improving material "Mineral Ocean HS" , you will be able to suppress the occurrence of hydrogen sulfide from wastewater and sludge and eliminate bad smell.

Mineral Ocean HS



Powder-Type Material



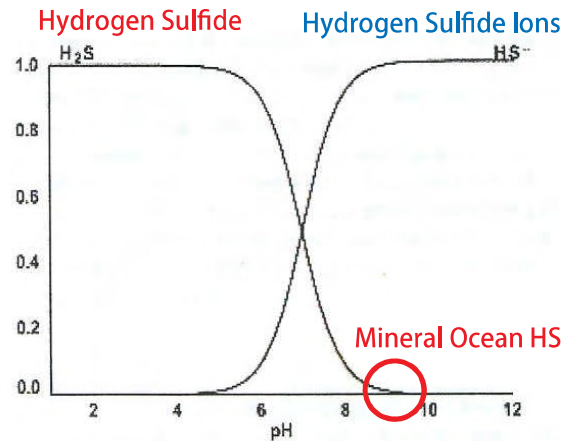
Granulated Material



Gravel-Type Material

How it works

Bad smell occurs because the sulfur reduction bacteria turn the sulfate ions in sum pit' s waste water into hydrogen sulfide. This product keeps the wastewater in a weak alkaline state and reduces sulfur oxidation bacteria that act in a 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 supplements. Only limited amounts of the product elute in water in order not to turn the wastewater into an excessive alkaline state.

Conventional Products

Conventional products are effective against hydrogen sulfide. However, since iron-based compounds are strongly acidic, when they come in contact with the skin or mucous membrane they may cause inflammation or they may corrode pipes or walls. Also, nitric compounds could explode when they come into contact with combustible materials so you have to be careful.

Case Studies



Ota City A plant



Choshi City B hospital

Cost

Please contact us for a quote.

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