

(1) *Hydrogen sulfide* is a colorless, flammable, and highly toxic gas with a rotten egg odor. It is produced by the decomposition of organic matter in the absence of oxygen. It is highly soluble in water and forms a weak acid, *hydrogen sulfide*. It is a common gas found in natural gas, sewage, and volcanic emissions. (2) *Hydrogen sulfide* is a colorless, flammable, and highly toxic gas with a rotten egg odor. It is produced by the decomposition of organic matter in the absence of oxygen. It is highly soluble in water and forms a weak acid, *hydrogen sulfide*. It is a common gas found in natural gas, sewage, and volcanic emissions.