



ProKa 3000

Odor and Corrosion Management Technology

Primary Applications: Wastewater treatment plants: lift stations, wet wells, sewer lines, clarifiers, solids holding tanks, thickeners, anoxic lagoons or basins and Belt Filter Press, Evaporators, Air Scrubbers, Closed loop systems. May be used in misting and fogging applications.

Benefits: Hydrogen Sulfide odor and corrosion control in a variety of applications

Hydrogen sulfide (H₂S) is a colorless, toxic gas with a foul, pungent odor similar to that of rotten eggs. Often referred to as sewer gas, H₂S is a result of the anaerobic breakdown of sulfates by *Desulfovibrio desulficans* bacteria in an anoxic environment. Controlling this gas is one of the most challenging aspects facing the municipal wastewater and industrial facilities today. The gas is highly toxic to humans and will breakdown to corrosive sulfuric acid. Exposure to as little as one part per million (PPM) of H₂S can cause irritation to the eyes and respiratory system. At 500 PPM, reasoning and balance is compromised, and exposure to the gas becomes fatal at levels above 700 PPM.

SOLUTIONS

ProKa 3000 is an organic, non-hazardous liquid solution that effectively eliminates a wide variety of offensive odors associated with hydrogen sulfide and mercaptans on contact. Once **ProKa 3000** is applied to a waste stream a reaction occurs that bonds the active components to the sulfur in the hydrogen sulfide. This reaction is instantaneous and irreversible at ambient temperatures and produces a non-odorous, non-corrosive sulfonated compound.

AVAILABILITY

5 gallon pails, 55-gallon drums 330-gallon tote bins or in a bulk liquid tanker of 1000 gallons or above.

CAUTION

Avoid direct skin contact. In the event of direct skin or eye contact, flush affected area with water. If irritation persists, contact a physician.

DISCLAIMER

There are no performance warranties expressed or implied via this information. 4G shall not be held liable for any damages that may result from the presence or application of the product described herein.