



Aquapure™ Odor Zap

Product Code: 2600012
Revised Date: March 19, 2015

AQUAPURE™ ODOR ZAP
Odor Control for: air, water and sludge

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.

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.

SOLUTION

Aquapure™ Odor Zap 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 **Aquapure™ Odor Zap** 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.

INDUSTRIES SERVED

Where ever malodors occur:
Metal finishing industry



House Calls for Industrial WasteWater

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Semiconductor industry
Food processing
Manufacturing
Evaporator odor
Mop water
Wastewater treatment

RECOMMENDED DOSING

To shock a system that has odors a recommended dose of 250 ppm to begin with over the course of 1-2 weeks followed by a maintenance dose of 10 ppm to neutralize the odors and maintain low levels of odors. **Aquapure™ Odor Zap** works on an acid pH up to 11.5 pH

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.

WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.