



# AquaPure™ Bio 52L

Aquapure Bio 52L odor eliminator is a superior, multiple action product that effectively eliminates a wide variety of offensive odors caused by the degradation of organic matter. Aquapure Bio 52L concentrate contains an inorganic compound, which has been proven to chemically convert H<sub>2</sub>S into non-odorous, nontoxic byproducts. Aquapure Bio 52L also retards the formation of *desulfovibrio disulfiram's* bacteria, which is a predominant producer of H<sub>2</sub>S by encapsulating the sulfide – preventing it from being expressed without the toxic effects associated with other technologies. *Desulfovibrio disulfiram's* bacteria are generally located behind the slime layer in the pipe system. Reaching these bacteria is key so Aquapure Bio 52L incorporates a degreaser/penetrant to remove the slime layer and allow access to the bacteria. Once retarded, the sulfur reducing bacteria cannot reduce sulfates to mercaptans and sulfides. The product is designed to work in all environmental areas for odor destroying action. Aquapure Bio 52L can be applied in tandem with the Aquapure Bio 20.

If misting or fogging is required, Aquapure Odor Zap may be preferred over Aquapure Bio 52L. See product literature for details of use.

## Features & Benefits

Ready to use liquid	Easy to meter for continuous flow, batch & membrane systems
Concentrated odor control	Special blend of bacteria and enzyme eliminate odors from offensive organic matter
Multiple action product	No masking of odors, chemically converts H <sub>2</sub> S into non-odorous, nontoxic by products and degradation of the slime layer in pipes and tank walls



## Physical Data

Product	Liquid odor control concentrate
Form	Liquid
Color	Clear
Specific gravity	1.25
Viscosity	50 – 200 cps @ 27°C
Storage	Store at temperatures between 5°C – 35°C

## Typical Applications

- Grease Traps
- Bio sludge
- Sewage and Sludge
- Manure
- Vegetable, animal and food processing waste collection systems that carry organic waste i.e.: collection systems, lift stations and wet wells
- Wastewater treatment plants: Clarifiers, lift stations, wet wells, sewer lines & traps

## Operating Conditions

Aquapure Bio 52L is typically used as a concentrate or may be diluted with tap water at a ratio ranging from 4:1 to 20:1, depending on the application. The usual dilution is 9:1. The greater the odor problem the less dilution water should be added to the product. The Aquapure Bio 52L should be applied upstream from where the odor is emanating from with continuous low dosing. It can be drip fed or injected into the area of odor to get good contact and mixing. Odor type and intensity are the key factors affecting Aquapure Bio 52L's feed rate and frequency. With experience, users will be able to determine the optimum dose rates for their situation. Consult your sales representative for precise dosing information.

## Caution

**DO NOT FREEZE**



**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.

## Our People. Your Problem Solvers.

For more information on this process,  
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