

First Line of Defense for Biosecurity

SWG Biocide®

Adult birds take in **twice** as much water as they do feed.

Approximately $\frac{3}{4}$ of the weight of poultry is **water**.



 **ALBEMARLE®**

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What is in the water your birds consume?

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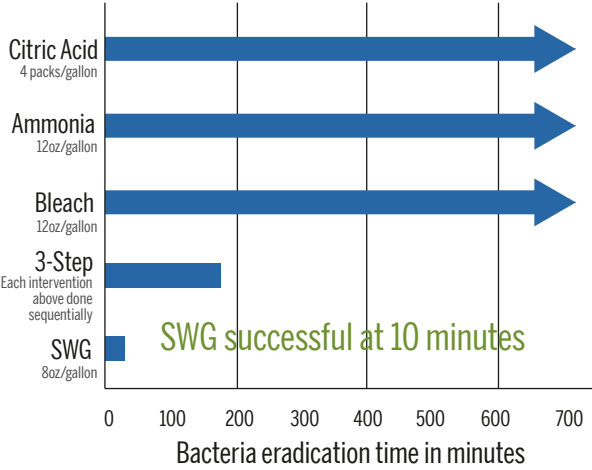


SWG Benefits:

- Effective, low-cost solution
- Short in-line time
- Non-combustible/ non-flammable
- Easy to use, no premixing required
- Low or no odor
- Long shelf life
- Injected at 1:128 (1oz/gallon)



Efficacy Testing Done by Modified AOAC Use Dilution



- 1) Test involved dried salmonella on stainless steel carriers
- 2) All test material solutions above were diluted 1:128
- 3) Citric Acid, Ammonia and Bleach continued to show growth until 1400 minutes

Efficacy of SWG Biocide vs. Hydrogen Peroxide Chemistry

SWG				Hydrogen Peroxide based competitive product			
Concentrations Tested (ppm)							
25	50	100	200	125	250	500	1000
X	X	✓	✓	X	X	X	X

- 1) Contact for each treatment was 10 minutes
- 2) Use dilution test with salmonella

✓ = No growth
X = Growth

WATER TRANSFER LINE SYSTEMS*

SWG BIOCIDES can be used to remove and control biofilm deposits and other organic contaminants in industrial tanks, pumps, piping and tubing associated with water transfer lines systems.

CLEAN IN-PLACE LIMITED DISINFECTION OF WATER LINES

This product can be used to disinfect Gram-negative organisms in tanks, pumps or medicators used to deliver the product, piping and tubing associated with water lines in animal, livestock and poultry housing facilities. The water lines can be used for delivering drinking water, air chiller water and cooling spray lines.

*Not for use in food processing equipment, human drinking water systems or dental lines.