

# SaniDate® 5.0

SaniDate 5.0 is an activated peroxygen chemistry used to remove scale, mineral buildup, bacteria, algae and heavy soils from poultry and livestock watering systems when animals are present or when the system is not in use.

## Cleaning Poultry Water Lines WHEN SYSTEM IS NOT IN USE

To remove biofilm, scale, mineral buildup and heavy soils from livestock watering systems, direct inject SaniDate 5.0 using standard medicator equipment at product label rates.

1. Set dosing pump to 1:128 and inject SaniDate 5.0 solution into the system. Make sure there is adequate air release.
2. Remove cap at the end of the drinking system and check for fizzing or bubbling to ensure SaniDate 5.0 has reached every point. Activate all nipples and cups.
3. Allow system to circulate or hold in water lines for 12–24 hours.
4. Thoroughly flush system with potable water once system is clean. Once again, activate all nipples and cups.

## Rapid Flush

1. Dose stock solution into water line at 1:50 (2% solution or 2.5 fl. oz. of SaniDate 5.0 per 1 gallon of water).
2. Activate drinking nipples and cups.
3. Circulate or hold solution in systems for 3–6 hours depending on conditions.
4. Flush system with potable water.

	Pump Setting	% v/v	Water Quantity	Amount of SaniDate 5.0
Standard Rates	1:128	0.78%	1 gallon	1 fl. oz.
Rapid Flush	1:50	2%	1 gallon	2.5 fl. oz.

## Watering Operation Systems WHEN ANIMALS ARE PRESENT

After water lines have been cleaned, use SaniDate 5.0 at 0.85–1.27 fl. oz. per 100 gallons of water to control algae and bacteria in drinking water and to control mineral buildup in watering lines.

### Applications at labelled rates using a stock solution and standard 1:128 dosing equipment:

To make a stock solution mix 5–8 fl. oz. of SaniDate 5.0 per 5 gallons of water (1–1.6 fl. oz. per 1 gallon of water) and set metering pump at 1 fl. oz. of stock solution to 1 gallon of water (1:128). BioSafe Systems recommends starting at 1 fl. oz. of SaniDate 5.0 per gallon of water in the stock



### Features and Benefits

- Versatile sanitizer/disinfectant
- Begins working immediately, leaves no residue and has no mutational resistance.
- Controls *Campylobacter*, *Salmonella*, *E. coli*, and *Avian Influenza*

solution for the first 2 days and then adjust to 1.6 fl. oz. per gallon of water for the stock solution. Do not mix SaniDate 5.0 with other products in the same stock solution. Use low rate when applying for more than 5 consecutive days.

## Options for using SaniDate 5.0 for water treatment

- Option 1** Run continuous to control bacteria, reduce pH and remove organic and mineral deposits.
- Option 2** Run on a weekly water sanitation program in between running vitamins, electrolytes or other additives including vaccines and stabilizers to ensure removal of all biofilms and water contaminants. When using after vaccinations through water lines wait 48 hours to ensure proper flock coverage.
- Option 3** Run SaniDate 5.0 throughout the entire flock to provide excellent results. Start at lowest recommended rates at placement or introduction to flock then increase as needed with flock age to highest recommended rates.

SaniDate 5.0 Use Concentrations				Active Ingredient Concentration	
Application Type	Recommended Label Rate(s)	Product Dilution Ratio <sup>d</sup>	% v/v <sup>d</sup>	PPM of Hydrogen Peroxide	PPM of Peracetic acid
Poultry/Swine/Livestock	0.85 fl. oz./ 100 gallons of water	1:15,059	0.007%	17.0	4.0
Drinking Water Treatment	1.27 fl. oz./ 100 gallons of water	1:10,079	0.01%	25.0	6.0
Poultry/Swine/Livestock	1 fl. oz./ gallon of water	1:128	0.78%	1,995.0	460.0
Water Line Cleaning Treatment <sup>a</sup>	2.56 fl. oz./ gallon of water	1:50	2.00%	5,106.0	1,177.0
Hard Surface Disinfection <sup>c</sup>	0.5 fl. oz./ gallon of water	1:256	0.39%	997.0	230.0
Fog Disinfection <sup>c</sup>	1.0 fl. oz./ gallon of water	1:128	0.78%	1,995.0	460.0

<sup>a</sup> When system is not in use. Refer to label for additional information.

<sup>b</sup> Poultry premises, trucks, coops, crates, poultry hatchery, animal housing facilities, foot bath mats, pads, walk through trays. Refer to label for additional information.

<sup>c</sup> Poultry premises, trucks, coops, crates. Refer to label for additional information.

<sup>d</sup> Some values may have been rounded off to nearest whole number for ease of calculation.

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Always read and follow label directions.

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