

BioSentry® 904 Disinfectant



BACTERICIDE • FUNGICIDE • VIRUCIDE

Hatchery and Farm Premise Disinfectant

Product

This tech sheet is intended for use only as a guide in providing general information regarding the directions, warning and cautions associated with the use of this product. As with any pesticide, always read and understand the entire label instructions on the package and MSDS before using.

BioSentry® 904 Disinfectant is a complete, chemically balanced deodorizer and disinfectant providing clear use solutions. It kills bacteria, molds and viruses that cause disease and economic losses. It disinfects in 5% organic soil loads and 400 ppm hard water. BioSentry® 904 Disinfectant is a chemically compatible in use with all BioSentry® tray washes, BioSentry® Iodine Disinfectant, BioSentry® Acid-A-Foam™, BioSentry® Chlor-A-Foam™ and BioSentry® Universal Barn Cleaner.

Physical Properties

State	Liquid
Color	Clear to Amber
Odor	Musty
pH, 25°C	8-10
Density	8.43-8.68 lbs/gal
Viscosity	40 cP
Boiling Point	>100°F
Volatility	60% (by volume)
Solubility	Soluble

Benefits

- EPA-registered label with complete hatchery and farm disinfectant and fog sanitizing directions.
- Can be applied as a surface disinfectant in the presence of animals when all out/in is not indicated.
- Gives broad spectrum kill of bacteria, molds and viruses.
- Residual action on treated surfaces.
- Contains no perfumes or odor-masking agents to hide problem areas.
- Non-volatile.
- Will not bleach or stain skin, clothing or treated surfaces.
- Contains rust and corrosion inhibitor, alkalinity boosters, chelants and penetrants.
- Special formula prevents nozzle blockage in hard water.

Active: combination of three quaternary ammonium components and TBTO

Use: complete hatchery and farm disinfectant

Activity: broad spectrum kill of molds, bacteria, viruses and fungi (*aspergillus fumigates*) with some residual control

Application: fogged in hatcheries or sprayed on hard surfaces

Safety: Danger – corrosive, severe eye irritant

Hatchery Usage Rates

Task	U.S.	Metric
<i>Disinfect Precleaned Surfaces</i>	0.5 oz/gal	4 mL/L
<i>Fog Sanitation of Setters</i>		
(a) Central Fogging System: Fog 4–6 times daily for 60–90 sec	0.5 oz/gal	4 mL/L
(b) 1/4 J Fogging System: Fog twice daily, apply 3–8 oz/machine	6 oz/gal	48 mL/L
<i>Fog Sanitation of Hatchery</i>		
(a) Central Fogging System: Fog for 60–90 sec hourly	0.5 oz/gal	4 mL/L
(b) 1/4 J Fogging System: Fog twice daily, apply 3–8 oz/machine	6 oz/gal	48 mL/L
<i>Thermal Fog Sanitizing Hatchery Rooms</i>		
Fog 1 min/4,000 ft ³ (114 m ³)	0.5 gal/ 2.5 gal	1.9 L/ 3.5 L

Packaging

Packaging	Shipping Weight	Product Code
1 gal (3.79 L) bottle	9.5 lb (4.2 kg)	D12709557
55 gal (208 L) drum	494.8 lb (224.43 kg)	D12695581

Farm Usage Rates

Task	U.S.	Metric
<i>Disinfect Precleaned Surfaces</i>	0.5 oz/gal	4 mL/L
<i>Disinfect Chick Vans, Egg Trucks, Other Vehicles</i>	0.5 oz/gal	4 mL/L
<i>Farm Premises</i> Animals Present	0.5 oz/gal	4 mL/L
<i>Boot Bath</i>	1 oz/gal	8 mL/L
<i>Thermal Fog Sanitizing Vacant Poultry and Livestock Building</i>		
Fog 1 gal (3.8 L)/6,000–8,000 ft ² (550–750 m ²) of floor space	1 gal/ 2 gal	3.785 L/ 7.57 L



EPA Reg. No. 61282-55

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