

Efficacy Data Sheet

Sanicide 94 Disinfectant/Sanitizer

MAINTEX

Sanicide 94 Disinfectant / Sanitizer

Description

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard non-porous surfaces. Prior to sanitizing, remove gross food particles and soil by a pre-flush or pre-scrape and when necessary, pre-soak to remove gross food particles and soil. Then thoroughly wash or flush equipment and equipment utensils with a good detergent or compatible cleaner followed by a potable water rinse. Wash and rinse all articles thoroughly, then apply a solution of 1oz. Sani-Cide 94 in 4 gallons of water (200 ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution must be prepared daily or when use solution becomes visibly dirty.

For mechanical application, use solution may not be reused for sanitizing applications. Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz./4 gallon dilution of Sani-Cide 94. Do not rinse.

Summary of Antimicrobial Test Results

Sanicide 94 is a Disinfectant and Sanitizer. Listed below are a summary of the Antimicrobial Claims and a review of the test results.

Claim: Disinfectant	Contact Time: 10 minutes	Organic Soil: Precleaned	Water Conditions: Deionized water		
Test Method:	Official Method of the AOAC, 14 Edition - Use-Dilution Method				
Organism	ATCC#	Use-Dilution Concentration	Hard Water Condition	Replicates	Results
Pseudomonas aeruginosa	15442	875 ppm (4.5 oz /4 gal)	Deionized water	60. 60. 60	0/60. 1/60. 1/60
Salmonella enterica	10708	425 ppm (3 oz / 5.5 gal)	Deionized water	60. 60. 60	0/60. 1/60. 1/60
Staphylococcus aureus	6538	425 ppm (3 oz / 5.5 gal)	Deionized water	60. 60. 60	0/60. 0/60. 0/60

Conclusion: Sanicide 94 effectively killed the above listed bacteria as specified in the test performance standards. **Sanicide 94** is a Disinfectant against the above listed bacteria on nonporous inanimate hard surfaces when diluted to 425 ppm - 875 ppm in deionized water.

Claim: No Rinse Food contact	Contact Time: 1 minute	Organic Soil: Precleaned	Water Conditions: 500 ppm as CaCO ₃		
Test Method: Official Method of the AOAC, 14 Edition - Use-Dilution Method					
Organism	ATCC#	Use-Dilution Concentration	Hard Water Condition	Replicates	Results
Escherichia coli	11229	200 ppm (1 oz /4 gal)	500 ppm	6	>99.999
Staphylococcus aureus	6538	200 ppm	500 ppm	6	>99.999

Conclusion: Sanicide 94 effectively killed the above listed bacteria as specified in the test performance standards with greater than 99.999% reduction within one minute. **Sanicide 94** an effective Non-Food Contact Sanitizer against the above listed bacteria on nonporous inanimate hard surfaces when diluted to 200 ppm in 500ppm synthetic hard water in the presence of 5% organic soil.

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Summary of Antimicrobial Efficacy - Etiology¹

Pathogenic Microorganism	Description
Pseudomonas aeruginosa	Gram negative bacteria identified as a major cause of hospital acquired (nosocomial) infections. Causes wound infections (especially burn), meningitis, pneumonia and eye infections.
Staphylococcus aureus	Gram positive bacteria identified as a major cause of hospital acquired (nosocomial) infections. Colonizes food and secretes enterotoxins which cause food poisoning after ingestion. Causes wound infections, septicemia, endocarditis, meningitis, osteomyelitis and pneumonia.
Salmonella enterica	Gram negative bacteria associated with acute gastro-enteritis and septicemia.
Escherichia coli	Gram negative bacteria spread by anal/oral route of infection, resulting in diarrhea outbreaks. Associated with urinary tract infections and bacteremia.