STERAMINE®

Efficacy Summary

>7.88 Log₁₀

>7.88 Log₁₀

SANITIZER • DISINFECTANT • DEODORIZER

Food Contact Sanitizer (No Rinse)

At 0.25 ounces per gallon (1 ounce per 4 gallons) (200 ppm) **Steramine**[®] is an effective food-contact surface sanitizer eliminating 99.999% of the following bacteria in 60 seconds in 500 ppm hard water (calculated as CaCO₃) according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test.

(Testing is performed per the AOAC method (AOAC Germicidal and Detergent Sanitizers) on 3 separate lots, one of which must be \geq 60 days old, against both Escherichia coli and Staphylococcus aureus. Acceptable results must demonstrate a 99.999% reduction in the number of test microorganisms within 30 seconds.)

ORGANISM	ATCC#	CARRIER POPULATION	SAMPLE	30 SECOND KILL	60 SECOND KILL
			Α	7.47 Log ₁₀	7.47 Log ₁₀
Escherichia coli	ATCC #11229	7.47 Log ₁₀	В	7.47 Log ₁₀	7.47 Log ₁₀
			С	7.47 Log ₁₀	7.47 Log ₁₀
			Α	7.0 Log ₁₀	7.0 Log ₁₀
Staphylococcus aureus	ATCC #6538	7.0 Log ₁₀	В	7.0 Log ₁₀	7.0 Log ₁₀
			С	7.0 Log ₁₀	7.0 Log ₁₀
Aeromonas hydrophila	ATCC #23213	8.04 Log ₁₀	Α	>5.53 Log ₁₀	-
Tioromas myaropima	71100 #20210	0.04 L0g ₁₀	В	>6.09 Log ₁₀	-
Campylobacter jejuni	ATCC #29428	7.27 Log ₁₀	Α	>7.27 Log ₁₀	>7.27 Log ₁₀
Campyrobacter jejam	71100 #20420	7.27 20910	В	>7.27 Log ₁₀	>7.27 Log ₁₀
Enterococcus faecalis	ATCC #51299	8.00 Log ₁₀	Α	6.10 Log ₁₀	-
Vancomycin Resistant (VRE)			В	6.15 Log ₁₀	-
Enterobacter sakazakii	ATCC #29544	7.93 Log ₁₀	Α	>5.37 Log ₁₀	-
Emeropation sakazakii	A100 #25544	8.15 Log ₁₀	В	5.16 Log ₁₀	-
Escherichia coli 0111:H8	ATCC #BAA-184	7.95 Log ₁₀	Α	>6.96 Log ₁₀	-
Escricina con o i i i i i		7.55 LOG10	В	>6.96 Log ₁₀	-
Escherichia coli 0157:H7	ATCC #43888	8.04 Log ₁₀	Α	5.15 Log ₁₀	>5.78 Log ₁₀
Edericina con o rov.irr			В	5.07 Log ₁₀	>5.65 Log ₁₀
Listeria monocytogenes	ATCC #984	8.22 Log ₁₀	Α	6.42 Log ₁₀	>7.30 Log ₁₀
Listeria monecytogenes	71100 #304	5.22 LOG10	В	7.32 Log ₁₀	7.43 Log ₁₀
Salmonella typhi	ATCC #6539	8.00 Log ₁₀	Α	6.70 Log ₁₀	-
Sannonena typni	A100 #0555	0.00 L0g ₁₀	В	6.41 Log ₁₀	-
Shigella dysenteriae	ATCC #9361	7.87 Log ₁₀	Α	>7.87 Log ₁₀	>7.87 Log ₁₀
erngena ayocrnenae	71100 #3001	7.07 LOG 10	В	>7.87 Log ₁₀	>7.87 Log ₁₀
Streptococcus pyogenes	ATCC #12344	7.90 Log ₁₀	Α	>6.60 Log ₁₀	-
Chopicococca pyogenes	A100 #12344		В	>6.90 Log ₁₀	-
Yersinia enterocolitica	ATCC #23715	7.88 Log ₁₀	Α	>7.88 Log ₁₀	>7.88 Log ₁₀
reraina enterocontica	/ (100 #20/ 10	7.00 L0g10	В	>7 88 L 0010	>7 88 L 0010

Non-Food Contact Surface Sanitizer

Add 1/4 ounce of **Steramine**® to 1 gallon of water to sanitize hard porous and non-porous non-food contact surfaces. Treated surfaces must remain wet for 3 minutes. Then wipe with sponge, mop or cloth or allow to air dry. At this dilution food contact surfaces must be rinsed.

(Testing is performed per EPA Guidance (DIS/TSS-10). Three lots are required, one of which must be ≥ 60 days old. Testing is performed against Staphylococcus aureus and Klebsiella pneumoniae containing 5% organic load. Enterobacter aerogenes may be substituted for Klebsiella pneumoniae. The results must show a reduction of at least 99.9% (3 Log₁₀) in the number of each test microorganism over the parallel control count within 5 minutes.)

ORGANISM	ATCC#	CARRIER POPULATION	SAMPLE	60 SECOND KILL CFU / CARRIER	PERCENT KILL
_ , , ,	ATCC 13048	5.43 Log ₁₀	A (60 Days Old)	>4.03 Log ₁₀	>99.9
Enterobacter aerogenes		0.0	В	>3.09 Log ₁₀	>99.9
		7.07 Log ₁₀	С	>3.93 Log ₁₀	>99.9
Staphylococcus aureus	ATCC #6538	6.55 Log ₁₀	A (60 Days Old)	>5.03 Log ₁₀	>99.9
			В	>5.15 Log ₁₀	>99.9
			С	>4.90 Log ₁₀	>99.9

Hospital Disinfection Steramine® is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum at 4 ounces of this product to 5 gallons of water (625 ppm active) Treated surfaces must remain wet for 10 minutes.

(Testing is performed per the AOAC UDT/GST method (DIS/TSS-1). Sixty carriers are required on 3 separate lots, one of which must be > 60 days old against Pseudomonas aeruginosa, Salmonella choleraesuis and Staphylococcus aureus. Killing of 59 out of 60 carriers is required (total carriers = 540).)

ORGANISM	ATCC#	CARRIER POPULATION	SAMPLE	# CARRIERS	# POSITIVE
	ATCC #15442 ATCC #10708 ATCC #6538	1.6 X 10 ⁷ CFU/Carrier	A (60 Days Old)	60	1/60
Pseudomonas aeruginosa		1.0 X 10 ⁶ CFU/Carrier	В	60	0/60
		9.0 X 10 ⁶ CFU/Carrier	С	60	0/60
Salmonella enterica Staphylococcus aureus		5.6 X 10 ⁴ CFU/Carrier	A (60 Days Old)	60	0/60
		5.4 X 10 ⁴ CFU/Carrier	В	60	1/60
		4.0 X 10 ⁴ CFU/Carrier	С	60	1/60
		1.6 X 10 ⁶ CFU/Carrier	A (60 Days Old)	60	1/60
		1.4 X 10 ⁶ CFU/Carrier	В	60	0/60
		1.4 X 10 ⁶ CFU/Carrier	С	60	1/60

Supplemental Organisms

(Testing is performed per the AOAC UDT/GST method. Ten carriers are required on 2 separate lots, against each supplemental organism. Killing of 10 out of 10 carriers is required (total carriers = 20).)

ORGANISM	ATCC#	CARRIER POPULATION	SAMPLE	# CARRIERS	# POSITIVE
Potratio cinera	ATCC 40404	3.0 X 10 ⁴ CFU/Carrier	Α	10	0/10
Botrytis cinerea	ATCC 12481	3.0 X 10 CFU/Carrier	В	10	0/10
Purkholderia conceia	ATCC 25446	3.5 X 10 ⁴ CFU/Carrier	Α	10	0/10
Burkholderia cepacia	ATCC 25416	3.5 X 10 CFU/Carrier	В	10	0/10
Campylobacter jejuni	ATCC 29428	5.0 X 10 ⁵ CFU/Carrier	Α	10	0/10
Campyiobacter jejuni	ATCC 29420	5.0 × 10 CF0/Camer	В	10	0/10
Botrytis cinerea	ATCC 12481	3.0 X 10 ⁴ CFU/Carrier	Α	10	0/10
Bott ytts cirierea	A100 12401	3.0 X 10 Ci 0/Camei	В	10	0/10
Corynebacterium	ATCC 6871	6.0 X 10 ⁴ CFU/Carrier	Α	10	0/10
ammoniagenes	71100 0071	0.0 % TO GI G/Gainer	В	10	0/10
Escherichia coli 0157:H7	ATCC 35150	1.4 X 10 ⁵ CFU/Carrier	Α	20	0/20
Economic con o for	71100 00100	1.4 X 10 Of Ground	В	20	0/20
Enterococcus faecium		1.0 X 10 ⁵ CFU/Carrier	Α	10	0/10
Vancomycin Resistant (VRE)		1.0 % 10 01 07 0411101	В	10	0/10
Klebsiella pneumoniae	ATCC 13883	1.8 X 10 ⁴ CFU/Carrier	A	10	0/10
- uoosiona priodirioniae	71100 10000	northo or or oanno	В	10	0/10
Listeria monocytogenes	ATCC 984	2.4 X 10 ⁴ CFU/Carrier	A	10	0/10
			В	10	0/10
Proteus mirabilis		1.1 X 10 ⁵ CFU/Carrier	A	20	0/20
Clinical Isolate			В	20	0/20
Salmonella typhi	ATCC 6539	4.0 X 10 ⁴ CFU/Carrier	A	10	0/10
,,			В	10	0/10
Shigella sonnei	ATCC 9290	1.3 X 10 ⁴ CFU/Carrier	A B	10 10	0/10
Otania da casa como como como como como como como com			ı	10	0/10
Staphylococcus aureus (Methicillin Resistant) (MRSA)	ATCC 33591	4.2 X 10 ⁵ CFU/Carrier	A B	10	0/10 0/10
, , ,				_	
Staphylococcus aureus (Community Associated Methicillin Resistant) (CA-MRSA) (NRS 123) (Genotype USA400)	ATCC 33591	1.44 X 10 ⁵ CFU/Carrier	A B	10	0/10
Yersinia enterocolitica	ATCC 23715	4.6 X 10 ⁴ CFU/Carrier	Α	20	0/20
Toronna ornerocontica	7.1100 207 10	4.0 % 10 OI 0/0aillei	В	20	0/20

Virucidal against

Steramine® was evaluated at 4 ounces per 5 gallons use level (625 ppm quat active), in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard nonporous environmental surfaces.

(Testing is performed per EPA Guidance (DIS/TSS-7). Two separate lots are tested. Inactivation of virus must be demonstrated at all dilutions when no cytotoxicity is observed or at all dilutions above the cytotoxic level when it is observed. The data must demonstrate a 3-log reduction in viral titer for both lots (3 lots for Canada).)

Avian Influenza A H5N1 virus	ORGANISM	ATCC#	DRIED VIRUS CONTROL	SAMPLE	RESULT	LOG REDUCTION
Avian influenza	Avian Influenza A HENIA virus		4.75 Log	Α	≤0.5 Log ₁₀	≥4.25 Log ₁₀
Arcc vr. 2449	Avian iniluenza A H5N1 virus		4.75 LUG ₁₀	В	≤0.5 Log ₁₀	≥4.25 Log ₁₀
Auxion Reovirus	Avian influenza	ATCC VD 709	7.5.1.00	Α	≤1.8 Log ₁₀	≥5.7 Log ₁₀
Boyine Viral Diarrhea ATCC VR-534 4.5 Log10 B \$0.5 Log10 \$2.5 Log10 \$2.4 O Log10 B \$0.5 Log10 \$2.4 O Log10 \$2.5 Log10 \$2.4 O Log10 \$2.5 Log10	/Turkey/Wisconsin	A100 VK-190	7.5 LUG ₁₀	В	≤1.8 Log ₁₀	≥5.7 Log ₁₀
Bovine Viral Diarrhea	Avian Peovirus	ATCC VP 2440	6.01.0046	Α		
Canine Coronavirus	Avian Reovirus	A100 VIC-2449	0.0 L0g ₁₀	В		
Canine Coronavirus	Bovine Viral Diarrhea	ATCC VR-534	4510040			
Canine Distemper	Bovine vital Blairnea	71100 VIX 004	4.0 LOG 10		•	_
Canine Distemper	Canine Coronavirus	ATCC VR-809	4.5 0010			
Equine Arteritis virus		711.00 111.000	= -910			
Equine Arteritis virus	Canine Distemper	ATCC VR-128	4.8 Log ₁₀			
Hepatitis B Virus		71.00 111.120	= -910			
Hepatitis B Virus	Equine Arteritis virus	ATCC VR-796	5.75 Log ₁₀			
Hepatitis B Virus	4					
S.38 Log10 Confirmatory A ≤1.5 Log10 ≥3.88 Log10	5.4					
Hepatitis C Virus	Hepatitis B Virus			_		
Hepatitis C Virus				•		
Herpes Simplex Type1						
Herpes Simplex Type1	Hepatitis C Virus	ATCC CCL-22		_		
Herpes Simplex Type 1			7.14 Log ₁₀			
Herpes Simplex Type 2	Herpes Simplex Type1	ATCC VR-260	6.8 Log ₁₀			
Human Coronavirus						
Human Coronavirus	Herpes Simplex Type 2	ATCC VR-734	5.5 Log ₁₀			
Human Immunodeficiency Virus type 1 (HIV 1) HTLV-IIIB S.5 Log10 B ≤0.5 Log10 ≥4.0 Log10 ≥5.7 L						
$ \begin{array}{ c c c c c c } \hline \text{Human Immunodeficiency} \\ \hline \text{Virus type 1 (HIV 1) HTLV-IIIB} \\ \hline \text{Infectious Laryngotracheitis} \\ \hline \text{Virus (LT) Strain LT-IVAX} \\ \hline \hline \text{Influenza A (H1N1) virus} \\ \hline \text{Influenza A (H1N1) virus} \\ \hline \text{Influenza A (H1N1) virus} \\ \hline \text{Influenza A (H2N1) virus} \\$	Human Coronavirus	ATCC VR-740	4.5 Log ₁₀			
Virus type 1 (HIV 1) HTLV-IIIB 5.5 LOg10 B ≤1.5 Log10 ≥4.0 Log10 Infectious Laryngotracheitis Virus (LT) Strain LT-IVAX 4.5 Log10 A ≤0.5 Log10 ≥4.0 Log10 Influenza A (H1N1) virus ATCC VR-1469 4.5 Log10 A ≤0.5 Log10 ≥4.0 Log10 Influenza A2/Japan ATCC VR-1469 4.5 Log10 B ≤0.5 Log10 ≥4.0 Log10 Influenza A2/Japan ATCC VR-100 7.5 Log10 B ≤1.8 Log10 ≥5.7 Log10 Infectious Bovine Rhinotracheitis virus (IBR) ATCC VR-188 5.2 Log10 A ≤1.5 Log10 ≥3.7 Log10 Infectious Bronchitis Virus Beaudette IB42 B ≤0.5 Log10 ≥4.75 Log10 Newcastle disease virus 6.0 Log10 A ≤1.8 Log10 ≥4.2 Log10 Porcine Respiratory & 5.5 Log10 A ≤1.5 Log10 ≥4.0 Log10						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			5.5 Log ₁₀			
Virus (LT) Strain LT-IVAX 4.5 Log10 B $\leq 0.5 \text{ Log}_{10}$ $\geq 4.0 \text{ Log}_{10}$ Influenza A (H1N1) virus ATCC VR-1469 4.5 Log10 A $\leq 0.5 \text{ Log}_{10}$ $\geq 4.0 \text{ Log}_{10}$ Influenza A2/Japan ATCC VR-100 7.5 Log10 A $\leq 1.8 \text{ Log}_{10}$ $\geq 5.7 \text{ Log}_{10}$ Infectious Bovine Rhinotracheitis virus (IBR) ATCC VR-188 5.2 Log10 A $\leq 1.5 \text{ Log}_{10}$ $\geq 3.7 \text{ Log}_{10}$ Infectious Bronchitis Virus Beaudette IB42 B $\leq 1.5 \text{ Log}_{10}$ $\geq 4.75 \text{ Log}_{10}$ Newcastle disease virus 6.0 Log10 A $\leq 1.8 \text{ Log}_{10}$ $\geq 4.75 \text{ Log}_{10}$ Porcine Respiratory & 5.5 Log10 A $\leq 1.5 \text{ Log}_{10}$ $\geq 4.2 \text{ Log}_{10}$						
$ \begin{array}{ c c c c c c c c c c } \hline \textbf{Influenza A (H1N1) virus} & ATCC VR-1469 & 4.5 \ Log_{10} & B & \leq 0.5 \ Log_{10} & \geq 4.0 \ Log_{10} \\ \hline \textbf{B} & \leq 0.5 \ Log_{10} & \geq 4.0 \ Log_{10} \\ \hline \textbf{B} & \leq 0.5 \ Log_{10} & \geq 4.0 \ Log_{10} \\ \hline \textbf{ATCC VR-100} & 7.5 \ Log_{10} & A & \leq 1.8 \ Log_{10} & \geq 5.7 \ Log_{10} \\ \hline \textbf{B} & \leq 1.8 \ Log_{10} & \geq 5.7 \ Log_{10} \\ \hline \textbf{B} & \leq 1.8 \ Log_{10} & \geq 3.7 \ Log_{10} \\ \hline \textbf{B} & \leq 1.5 \ Log_{10} & \geq 3.7 \ Log_{10} \\ \hline \textbf{B} & \leq 1.5 \ Log_{10} & \geq 3.7 \ Log_{10} \\ \hline \textbf{B} & \leq 0.5 \ Log_{10} & \geq 4.75 \ Log_{10} \\ \hline \textbf{Newcastle disease virus} & 6.0 \ Log_{10} & A & \leq 1.8 \ Log_{10} & \geq 4.2 \ Log_{10} \\ \hline \textbf{Porcine Respiratory \&} & 5.5 \ Log_{10} & A & \leq 1.5 \ Log_{10} & \geq 4.0 \ Log_{10} \\ \hline \end{array} $			4.5 Log ₁₀			
Influenza A2/Japan	VIIUS (ET) Stialit ET-IVAX					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Influenza A (H1N1) virus	ATCC VR-1469	4.5 Log ₁₀			
Influenza Az/Japan						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Influenza A2/Japan	ATCC VR-100	7.5 Log ₁₀			
Rhinotracheitis virus (IBR) Infectious Bronchitis Virus Beaudette IB42 Newcastle disease virus A ICC VR-188 S.2 Log ₁₀ A S.3.7 Log ₁₀ A S.4.75 Log ₁₀ A Newcastle disease virus Porcine Respiratory & A S1.8 Log ₁₀ A S1.5 Log ₁₀	Infactious Povino					
Infectious Bronchitis Virus Beaudette IB42 5.25 Log_{10} Newcastle disease virus 6.0 Log_{10} $A \leq 0.5 \text{ Log}_{10} \geq 4.75 \text{ Log}_{10}$ $A \leq 0.5 \text{ Log}_{10} \geq 4.75 \text{ Log}_{10}$ $A \leq 1.8 \text{ Log}_{10} \geq 4.2 \text{ Log}_{10}$ Porcine Respiratory & $A \leq 1.8 \text{ Log}_{10} \geq 4.2 \text{ Log}_{10}$ $A \leq 1.8 \text{ Log}_{10} \geq 4.2 \text{ Log}_{10}$ $A \leq 1.5 \text{ Log}_{10} \geq 4.0 \text{ Log}_{10}$		ATCC VR-188	5.2 Log ₁₀			•
Beaudette IB42 5.25 Log ₁₀ B ≤0.5 Log ₁₀ ≥4.75 Log ₁₀ Newcastle disease virus 6.0 Log ₁₀ A ≤1.8 Log ₁₀ ≥4.2 Log ₁₀ Porcine Respiratory & A ≤1.8 Log ₁₀ ≥4.2 Log ₁₀ A ≤1.5 Log ₁₀ ≥4.0 Log ₁₀						
Newcastle disease virus $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			5.25 Log ₁₀			
Rewcastle disease virus	Bedddette 1B42					_
Porcine Respiratory & $5.5 \log_{10}$ A $\leq 1.5 \log_{10}$ $\geq 4.0 \log_{10}$	Newcastle disease virus		6.0 Log ₁₀			
3 2 1 0040	Porcine Despiratory &				U .	
11.0 E0g10 = 41.0 E0g10			5.5 Log ₁₀		_	•
Porsing Potenting ATCC VP 903 4.5 Log A ≤1.5 Log ₁₀ ≥3.0 Log ₁₀						-
Porcine Rotavirus ATCC VR-893 4.5 Log ₁₀ B \leq 1.5 Log ₁₀ \geq 3.0 Log ₁₀	Porcine Rotavirus	ATCC VR-893	4.5 Log ₁₀			
A <1510g40 >3.010g40						
Pseudorabies virus ATCC VR-135 4.5 \log_{10} B $\leq 1.5 \log_{10}$ $\geq 3.0 \log_{10}$	Pseudorabies virus	ATCC VR-135	4.5 Log ₁₀			
Transmissible Gastroenteritis A <2.5 Loggo >3.2 Loggo	Transmissible Gastroenteritis					
(TGE) ATCC VR-742 5.7 Log ₁₀ B ≤2.5 Log ₁₀ ≥3.2 Log ₁₀		ATCC VR-742	5.7 Log ₁₀		-	
A <1810go >5010go	,		0.5.			
Vaccinia virus ATCC VR-742 6.8 Log ₁₀ B ≤1.8 Log ₁₀ ≥5.0 Log ₁₀	Vaccinia virus	ATCC VR-742	6.8 Log ₁₀			

General Disinfection

Steramine® is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum at 3 ounces of this product to 5 gallons of water (469 ppm active) Treated surfaces must remain wet for 10 minutes. (Testing is performed per the AOAC UDT/GST method (DIS/TSS-1). Sixty carriers are required on 3 separate lots, one of which must be > 60 days old against Salmonella choleraesuis and Staphylococcus aureus. Killing of 59 out of 60 carriers is required (total carriers = 360).)

ORGANISM	ATCC#	DRIED VIRUS SAMPLE CONTROL		RESULT	LOG REDUCTION
		5.6 X 10⁴ CFU/Carrier	A (60 Days Old)	60	0/60
Salmonella enterica	ATCC #10708	5.4 X 10 ⁴ CFU/Carrier	В	60	1/60
		4.0 X 10 ⁴ CFU/Carrier	С	60	1/60
Staphylococcus aureus	ATCC #6538	1.6 X 10 ⁶ CFU/Carrier	A (60 Days Old)	60	1/60
		1.4 X 10 ⁶ CFU/Carrier	В	60	0/60
		1.4 X 10 ⁶ CFU/Carrier	С	60	1/60

Supplemental Organisms

(Testing is performed per the AOAC UDT/GST method. Ten carriers are required on 2 separate lots, against each supplemental organism. Killing of 10 out of 10 carriers is required (total carriers = 20).)

ORGANISM	ATCC#	DRIED VIRUS CONTROL	SAMPLE	RESULT	LOG REDUCTION
Campylobacter jejuni	ATCC 29428	5.0 X 10 ⁵	Α	10	0/10
Campyiobacter jejuni	A100 29420	CFU/Carrier	В	10	0/10
Escherichia coli 0157:H7	ATCC 35150	1.4 X 10 ⁵	Α	20	0/20
Escriencina con 0157.H7	A100 33130	CFU/Carrier	В	20	0/20
Listeria monocytogenes	ATCC 984	2.4 X 10 ⁴	Α	10	0/10
Listeria monocytogenes	A100 904	CFU/Carrier	В	10	0/10
Proteus mirabilis Clinical		1.1 X 10 ⁵	Α	20	0/20
Isolate		CFU/Carrier	В	20	0/20
Staphylococcus aureus		4.2 X 10 ⁵	Α	10	0/10
(Methicillin Resistant) (MRSA)	ATCC 33591	CFU/Carrier	В	10	0/10
Versinia enterocolitica	ATCC 22715	4.6 X 10 ⁴	Α	20	0/20
Yersinia enterocolitica	ATCC 23715	CFU/Carrier	В	20	0/20

Mold and Mildew Control

Use **Steramine**® at 4 ounces per gallon to control the growth of mold and mildew and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air-dry. Repeat application weekly or when growth or odor reappears.

ORGANISM	ATCC#	TILE NUMBER	UNTREATED AFTER 7 DAYS	SAMPLE A AFTER 7 DAYS	SAMPLE B AFTER 7 DAYS
Aspergillus niger	ATCC #6275	1	Growth 80%	No Growth 0%	No Growth 0%
		2	Growth 100%	No Growth 0%	No Growth 0%
		3	Growth 80%	No Growth 0%	No Growth 0%
		4	Growth 80%	No Growth 0%	No Growth 0%
		5	Growth 80%	No Growth 0%	No Growth 0%
		6	Growth 80%	No Growth 0%	No Growth 0%
		7	Growth 80%	No Growth 0%	No Growth 0%
		8	Growth 100%	No Growth 0%	No Growth 0%
		9	Growth 100%	No Growth 0%	No Growth 0%
		10	Growth 80%	No Growth 0%	No Growth 0%



STEARNS PACKAGING CORPORATION