

Efficacy Bulletin

PAA SANITIZER

EPA Reg. No. 63838-1-5741

Food Contact Sanitation

This product sanitizes hard non-porous food contact surface according to the EPA Test Guideline 810.2300, Sanitizers for use on hard inanimate surfaces in the presence of 5% organic serum and 400 ppm hard water. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	% Kill	Contact Time	Dilution
<i>Staphylococcus aureus</i>	A	>99.999	60 Seconds	1 -6.1 oz./6 gal
	B	>99.999		
	C	>99.999		
<i>Escherichia coli</i>	A	>99.999	60 Seconds	1 -6.1 oz./6 gal
	B	>99.999		
	C	>99.999		
<i>Salmonella enterica</i>	A	>99.999	60 Seconds	1 -6.1 oz./6 gal
	B	>99.999		
	C	>99.999		
<i>Listeria monocytogenes</i>	A	>99.999	60 Seconds	1 -6.1 oz./6 gal
	B	>99.999		
	C	>99.999		

Disinfection

This product is bactericidal according to the EPA Test Guideline 810.2200: AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum and 400 ppm hard water. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	Carriers Tested	Carriers Showing Growth	Contact Time	Dilution
<i>Staphylococcus aureus</i>	A	60	0	10 Minutes	2.5-20 oz/5 gal
	B	60	0		
	C	60	0		
<i>Salmonella enterica</i>	A	60	0	10 Minutes	2.5-20 oz/5 gal
	B	60	0		
	C	60	0		
<i>Pseudomonas aeruginosa</i>	A	60	0	10 Minutes	2.5-20 oz/5 gal
	B	60	0		
	C	60	0		
<i>Escherichia coli O157:H7</i>	A	60	0	10 Minutes	2.5-20 oz/5 gal
	B	60	0		
	C	60	0		

Fungicidal

This product is fungicidal according to the EPA Test Guideline 810.2200: AOAC Use-Dilution method modified for fungicidal activity on hard inanimate surfaces modified in the presence of 5% organic serum and 400 ppm hard water. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	Carriers Tested	Carriers Showing Growth	Contact Time	Dilution
<i>Trichophyton mentagrophytes</i>	A	60	0	10 Minutes	2.5-20 oz/ 5 gal
	B	60	0		