

PAK-IT Neutral Disinfectant Cleaner

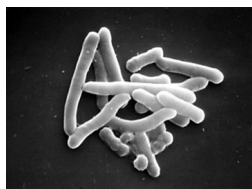
Kills the following organisms...



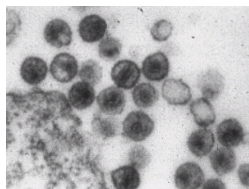
Pseudomonas aeruginosa
Has ability to survive and multiply in fluids, water and moist environments. Causes infant diarrhea, ocular infections, burn infections, cystic fibrosis, folliculitis, osteomyelitis and malignant external otitis.



Staphylococcus aureus
Causes skin infections such as cellulitis, boils, carbuncles and impetigo. Can cause food poisoning and toxic shock syndrome. Can cause bacteremia, endocarditis, meningitis, pneumonia and osteomyelitis.



Salmonella choleraesuis
Causes gastroenteritis, septicemia, bacteremia and arthritis. Most common cause of bacterial diarrhea in the United States.



Human Immunodeficiency Virus (HIV-1)
Causes severe damage to the human immune system often leading to death. The virus, which causes AIDS, infects white blood cells and T-helper cells that play key roles in the body's immune system.

Disinfection Data:

Test Method: AOAC Use-Dilution Method

Test Conditions: 10 minute exposure time, 20°C exposure temperature, tested in presence of 5% serum, 400 ppm synthetic hard water, glass petri dishes, stainless steel carriers

Test Results:

Test Organism	Sample	No. of Carriers		PHENOL RESISTANCE		
		Exposed	Positive	Exposure Time (min.) vs. Growth		
				5	10	15
<i>Salmonella choleraesuis</i> (ATCC 6538)	A	60	0	+	+	0
	B	60	0	+	+	+
	C	60	0			
<i>Staphylococcus aureus</i> (ATCC 10708)	A	60	1	0	0	0
	B	60	0	+	+	+
	C	60	0			
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	60	0	+	+	+
	B	60	0	+	+	+
	C	60	1			

+ = growth 0 = no growth

Conclusion: Under the condition of these investigations, **PAK-IT Neutral Disinfectant Cleaner** demonstrated hospital disinfectant activity against *Salmonella choleraesuis*, *Staphylococcus aureus*, and *Pseudomonas aeruginosa* according to criteria published by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a bactericide.

Virucidal Data:

Test Method: U.S. EPA Pesticide Assessment Guidelines, Subdivision G: Product Performance, 1982, Section 91-30, pp.72-76

Test Conditions: 10 minute exposure time, room temperature exposure, 400 ppm synthetic hard water, tested in presence of 5% fetal bovine serum, glass petri dish substrates, stainless steel carriers

Results:

Test Organism	Sample	Titer Reduction (after 10 minute contact)
Human Immunodeficiency Virus Type1 (HIV-1) (strain HTLV-III B)	A	≥3.5 log
	B	≥3.5 log

Conclusion: Under the conditions of this investigation, **PAK-IT Neutral Disinfectant Cleaner** is virucidal for Human Immunodeficiency Virus (HIV-1) according to criteria published by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.