

**VIRUCIDAL ACTIVITY**

**Test Method:** U.S. E.P.A. Pesticide Assessment Guidelines, Subdivision G: Product Performance, 1982, Section 91-30.

**Test Conditions:** 2 oz/gal dilution in 200 ppm (as CaCO<sub>3</sub>) hard water, 5% organic soil load, room temperature, glass slide substrates

**Results:**

Virus	Contact Time	Sample	Titer Reduction
Human Immunodeficiency Virus, HTLV-III <sub>B</sub> , strain of HIV-1 (associated with AIDS)	1 minute	A	$\geq 3.5 \log_{10}$
		B	$\geq 3.5 \log_{10}$
Influenza A Virus (ATCC VR-544)	10 minutes	A	$> 5.75 \log_{10}$
		B	$> 5.75 \log_{10}$
Pandemic 2009 H1N1 Influenza A Virus	(Refer to NOTE below.)		

**Conclusion:**

Under the conditions of this investigation, Peroxy 4D demonstrated virucidal activity against Human Immunodeficiency Virus (HIV), Influenza Type A and Pandemic 2009 H1N1 Influenza A Virus, according to criteria established by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.

**NOTE:** Per the EPA guidance document dated October 21, 2009, disinfectant products that bear label claims against human, avian, or swine influenza A virus, and have submitted and received approval of efficacy data to support these label claims, may include a label claim against the Pandemic 2009 H1N1 Influenza A Virus.