DuPont™ Rely+On™ Virkon®

Summary of test results against the H1N1 virus

Testing by ATS Labs, Completed September 2009

Summary Statement of Results:

DuPont™ Rely+On™ Virkon® when tested at a 1:100 dilution (1%) in 400 ppm AOAC Synthetic Hard Water, demonstrated **complete inactivation of Swine Influenza A (H1N1) virus** following a 10-minute exposure time at room temperature (20°C) as required by the U.S. EPA for virucidal label claims.

SUMMARY OF STUDY CONDITIONS AND RESULTS

Analysis Required:	Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces
Samples:	DuPont™ Rely+On™ Virkon® – two lots (H-29310 Lot no. 2295172 and H-29311 Lot no. 2995130).
Samples Tested:	August 28, 2009
Product Test Concentrations:	1:100 dilution (1%): 1g test substance in 100 mL of 400 ppm AOAC Synthetic Hard Water
Identification of Virus Used:	Swine Influenza A (H1N1) virus, ATCC VR-333, Strain A/Swine/Iowa/15/30
Contact Time:	Ten minutes
Test Temperature:	Room temperature (20°C)
Interfering Substance:	5% fetal bovine serum
Neutralizing Solution:	Filtration through Sephadex LH-20 Gel
Study Acceptance Criteria:	A valid test requires 1) that at least a 4 $\log_{10}$ of infectivity be recovered from the dried virus control film; 2) that when cytotoxicity is evident, at least a 3-log reduction in titer is demonstrated beyond the cytotoxicity control; 3) that the cell controls be negative for infectivity. **Note**: an efficacious product must demonstrate complete inactivation of the virus at all dilutions.
Efficacy Results:	H-29310 (Lot no. 2295172) and H-29311 (Lot no. 2295130) met the test criteria specified in the study protocol. The results indicate **complete inactivation of Swine Influenza A (H1N1) virus** under these test conditions as required by the U.S. EPA for claims of virucidal activity.
Test Facility:	ATS Labs 1285 Corporate Center Drive, Suite 110 Eagan, MN USA

cwe 9.23.09

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