

# Efficacy Data for Turbo Kill



## VIRUCIDAL DATA:

**Test Conditions:** ready-to-use (RTU), organic soil load, room temperature, glass petri dish substrates

### Results:

Organism	Contact Time
*Avian Influenza A Virus (H3N2) (Avian Reassortant) (ATCC VR-2072)	2 minutes
*Avian Influenza Virus, Type A (Turkey/WIS/66) (H9N2)	2 minutes
‡Bovine Viral Diarrhea Virus (BVDV)	5 minutes
*Canine Parvovirus (ATCC VR-2017)	10 minutes
•Feline Calicivirus (FCV)	30 seconds
*Hepatitis A Virus (HAV)	10 minutes
†Hepatitis B Virus (HBV) (Duck Hepatitis B Virus-DHBV)	5 minutes
‡Hepatitis C Virus (HCV) (Bovine Viral Diarrhea Virus-BVDV)	5 minutes
*Human Immunodeficiency Virus, HTLV-III <sub>RF</sub> , strain of HIV-1 (associated with AIDS)	1 minute
*Human Coronavirus (ATCC VR-740, strain 229E)	2 minutes
*SARS Associated Coronavirus (ZeptoMetrix)	2 minutes
•Norovirus (Norwalk Virus)	30 seconds
*Pandemic 2009 H1N1 Influenza A Virus	2 minutes
*Paramyxovirus (Mumps) (ATCC VR-1438)	3 minutes
*Poliovirus Type 1, strain Brunhilde (ATCC VR-1000)	10 minutes
*Rabies Virus (attenuated ERA strain, CDC)	30 seconds
*Rhinovirus Type 39 (ATCC VR-340)	3 minutes
*Rotovirus	3 minutes
*SARS-CoV-2, which causes COVID-19	1 minute

## TUBERCULOCIDAL DATA:

**Test Method:** AOAC Confirmative In Vitro Test for Determining Tuberculocidal Activity

**Test Organism:** Mycobacterium bovis BCG

**Test Conditions:** ready-to-use (RTU), organic soil load, 5 minute contact time, glass slide carrier substrates

## FUNGICIDAL DATA:

**Test Method:** AOAC Germicidal Spray Products as Disinfectants

**Test Conditions:** ready-to-use (RTU), organic soil load, room temperature, c glass slide carrier substrates contact time 10 minute,  
Organism

Trichophyton mentagrophytes (ATCC 9533)

## MILDEW FUNGISTATIC DATA:

**Test Method:** EPA Hard Surface Mildew Fungistatic Test

**Test Organism:** Aspergillus niger (ATCC 6275)

**Test Conditions:** glazed ceramic tile substrates

Results: 0 growth

**EPA Reg.No. 1839-83-6885**

Main Registrant Product Name: Detergent Disinfectant Pump Spray  
(EPA Registration Number: 1839-83) from Stepan Company.

# Efficacy Data for Turbo Kill



## BACTERICIDAL DATA:

**Test Method:** AOAC Germicidal Spray Products as Disinfectants

**Test Conditions:** ready-to-use (RTU), organic soil load, room temperature

### Results:

Organism	Contact Time
Staphylococcus aureus (ATCC 6538)	3 minutes
Salmonella (choleraesuis) enterica (ATCC 10708)	3 minutes
Pseudomonas aeruginosa (ATCC 15442)	3 minutes
Community Associated Methicillin Resistant Staphylococcus aureus (CA-MRSA) (NRS 123) Genotype USA400	3 minutes
Community Associated Methicillin Resistant Staphylococcus aureus (CA-MRSA) (NRS 384) Genotype USA300	3 minutes
Corynebacterium ammoniagenes (ATCC 6871)	3 minutes
Enterococcus faecium (ATCC 6569)	3 minutes
Escherichia coli (ATCC 11229)	3 minutes
Escherichia coli O157:H7 (ATCC 43895)	3 minutes
Listeria monocytogenes (ATCC 35152)	3 minutes
Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33593)	3 minutes
Methicillin resistant Staphylococcus epidermidis (MRSE) (ATCC 51625)	3 minutes
Salmonella (typhi) enterica (ATCC 6539)	3 minutes
Streptococcus pyogenes (Necrotizing Fasciitis-Group A) (V.A. Medical Center Isolate 04001)	3 minutes
Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51575)	3 minutes
Vancomycin intermediate resistant Staphylococcus aureus (VISA) (CDC Isolate 99287)	3 minutes
Yersinia enterocolitica (ATCC 23715)	3 minutes

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