

## Efficacy Report for Sporicidin<sup>®</sup> Disinfectant Solution and Sporicidin<sup>®</sup> Disinfectant Towelettes

Sporicidin Disinfectant Solution is a hospital grade disinfectant registered with the US Environmental Protection Agency (EPA registration number 8383-3). Sporicidin Disinfectant Towelettes are made with the same formulation and registered with the US Environmental Protection Agency, registration number 8383-7. Produced under strict quality control, Contec, Inc. is an ISO 9001:2008 registered company. With more than a quarter century of experience producing products for critical environment products in Asia, Europe and the Americas, Sporicidin products are made in the USA.

US EPA reviewed testing by independent laboratories has proven that Sporicidin Disinfectant Solution is able to kill the following organisms when used in a manner consistent with the label instructions. The efficacy of Sporicidin Disinfectant Solution has been tested and proven effective against each of the following organisms utilizing a proprietary, EPA approved test method in GLP conditions.

Viruses (5 minute contact time for both enveloped and non-enveloped viruses)

- Avian Influenza A virus (H5N1), Strain H5N1-PR8/CDC-RG, CDC#2006719965
- Avian Influenza A virus (H9N2), Turkey/WIS/66
- Cytomegalovirus, ATCC VR-538
- Herpes simplex virus types 1/F and 2/G (oral, ocular and genital)
- HIV-1 (AIDS virus)
- Human Coronavirus
- Influenza A virus (H1N1 Pandemic Flu)
- Influenza A virus (H3N2)
- Norovirus, Feline Calcivirus, Surrogate for Norovirus (ATCC VR-782)
- Parainfluenza type 3 virus, ATCC VR-93
- Polio type 1 virus, Brunhilde, ATCC VR-58
- Vaccinia virus, VR-119

Bacteria (10 minute contact time)

- *Acinetobacter baumannii*, ATCC 19606
- *Escherichia coli* (E. coli), ATCC 35150
- Methicillin-resistant *Staphylococcus aureus* (MRSA), ATCC 33591
- *Pseudomonas aeruginosa*, ATCC 15442
- *Salmonella choleraesuis*, ATCC 10708
- *Salmonella enterica*, ATCC 10708
- *Staphylococcus aureus*, ATCC 6538
- *Streptococcus pyrogenes*, ATCC 19615
- *Streptococcus salivarius*, ATCC 7073
- Tuberculosis (*Mycobacterium Bovis* (BCG)), ATCC 35743
- Vancomycin resistant *Enterococcus faecium* (VRE), ATCC 51559

Fungi (10 minute contact time)

- *Aspergillus brasiliensis*, ATCC 16404
- *Penicillium variable*, ATCC 52262
- *Stachybotrys chartarum*, ATCC 66239
- *Trichophyton mentagrophytes* (Athlete's Foot fungus), ATCC 9533

The EPA has also reviewed and approved the following Marketing Claims for Sporicidin Disinfectant Solution:

#### EPA Approved Mold Remediation Marketing Claims

- This product inhibits the growth of damage and odor-causing bacteria and fungi on treated articles and surfaces, such as construction materials.
- This product is used to protect treated articles from decay, mold or mildew.
- This product inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.
- This product inhibits the growth of mold and mildew and their odors when used as directed.
- This product kills mold and mildew when used as directed.

#### EPA Approved Cleaning and Sanitizing Marketing Claims

- This product cleans, deodorizes, and controls the growth of damage and odor-causing organisms.
- This product (maximizes) (improves) labor results by effectively controlling odors.
- This product is a ready-to-use product and can be applied with a cloth, sponge, mop and bucket, trigger sprayer, pressure sprayer, or pump sprayer.
- This product neutralizes musty odors and tough odors from smoke.
- This product is specially formulated to effectively eliminate offensive odors caused by mold and mildew.
  - Eliminates odors caused by bacteria and fungi.
  - For use as a mold preventative or remediation treatment in areas where mold can or has been a problem:
    - Commercial and residential buildings.
    - Hospitals, nursing homes.
    - EMS & fire facilities.
    - Day care centers and nurseries.
    - Life care retirement communities, and home healthcare institutions.
    - Restaurants, bars, cafeterias, institutional kitchens, fast food operations and food storage areas.
    - Supermarkets, convenience stores, retail and wholesale establishments, and laundries.
    - Manufacturing facilities.
    - Food establishments, coffee shops, doughnut shops, bagel stores, pizza parlors, liquor stores, and ice cream parlors

continued)

EPA Approved Cleaning and Sanitizing Marketing Claims (

- Police stations, courthouses, correctional facilities, jails, prisons, municipal government buildings, forensic laboratories, animal research and lab facilities.
- Institutional facilities, laboratories, factories, business and office buildings, restrooms, hotels and motels.
- Public restrooms, public facilities, shower rooms, shower stalls, and bathrooms.
- Hotel, motels, and dormitories.
- Kitchens & bathrooms.
- Institutions, schools and colleges, churches, classrooms, community colleges, universities, athletic facilities and locker rooms, exercise rooms, exercise facilities, gyms, and gymnasiums.
- Heath clubs and day spas.
- Recreational facilities, sports arenas, and sports complexes.
- Veterinary clinics, animal life science laboratories, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, and other animal care facilities.
- Boats, ships, and barges, and cruise lines.
- Commercial florist and flower shops.
- Basements, crawl spaces, cellars, bedrooms, attics, and living rooms.
- This product may be used as a cleaner and deodorizer or for water/flood damage clean up, sewage backflow cleaning, and trauma scene cleaning.
- Enameled surfaces, (painted) (finished) woodwork, vinyl and plastic, and upholstery.
- Foundations, stops, plumbing fixtures, finished baseboards and windowsills, washable walls, tables, floors, and cabinets.
- Studs, wallboards, joists, beams, trusses, underlayment, sub-flooring, wood framing, plywood, oriented strand board, ceilings and ceiling tiles.
- Refrigerated storage and display equipment.

Based on the performance of Sporicidin Disinfectant Solution, the EPA has approved the following applications for this disinfectant solution.

- Hospital Disinfectant
- Broad Spectrum Disinfectant
- Mold & Mildewcide
- Mildewstat
- Bactericide
- Bacteriostat
- Fungicide
- Fungistat
- Deodorant and Disinfectant
- Antimicrobial

\* Please see product label for the individual Sporicidin products for full organism list

Additional information on these products can be found at [www.sporicidin.com](http://www.sporicidin.com)