

Signet™ Neutral Disinfectant

When used as directed at a 1:256 dilution (4 ml per litre of water), this product contains 660 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, mold and mildew. Using approved AOAC test methods, in the presence of 400 ppm hard water, 5% serum load and 10 minutes contact time, this product kills the following on hard non-porous inanimate surfaces:

Bacteria:

Acinetobacter baumannii ATCC 19003
Acinetobacter Iwoffi ATCC 15309
Acinetobacter Iwoffi ATCC 9957
Bordetella bronchiseptica ATCC 10580
Citrobacter freundii ATCC 8090
Enterobacter aerogenes ATCC 13048
Enterobacter agglomerans ATCC 27155
Enterobacter cloacae ATCC 13047
Enterococcus faecalis ATCC 19433
Chlamydia psittaci ATCC VR-125
Escherichia coli ATCC 11229
Escherichia coli Tetracycline Resistant ATCC 47041
Fusobacterium necrophorum ATCC 27852
Klebsiella oxytoca ATCC 13182
Klebsiella pneumoniae ATCC 13883
Listeria monocytogenes ATCC 19117
Micrococcus luteus ATCC 14452
Micrococcus luteus ATCC 4698
Pasteurella multocida ATCC 12947

Proteus vulgaris ATCC 13315
Proteus vulgaris ATCC 9920
Pseudomonas aeruginosa ATCC 15442
Pseudomonas cepacia ATCC 25416
Salmonella choleraesuis ATCC 10708
Salmonella choleraesuis ATCC 23564
Salmonella choleraesuis ATCC 4931
Salmonella choleraesuis serotype pullorum ATCC 19945
Salmonella enteritidis ATCC 4931
Salmonella typhi ATCC 6539
Serratia marcescens ATCC 9103
Serratia marcescens ATCC 14756
Shigella flexneri ATCC 9380
Shigella flexneri ATCC 12022
Staphylococcus aureus ATCC 6538
Shigella sonnei ATCC 25931
Staphylococcus aureus ATCC 25923
Staphylococcus aureus ATCC 14154
Staphylococcus epidermidis ATCC 14990

Methicillin Resistant *Staphylococcus aureus* (MRSA) ATCC 33592
Staphylococcus haemolyticus ATCC 29970
Staphylococcus aureus sub species aureus ATCC 33586
Streptococcus agalactiae ATCC 13813
 Antibiotic resistant *Staphylococcus epidermidis* ATCC 51625
 Vancomycin Resistant *Enterococcus faecalis* (VRE) ATCC 51299
Streptococcus pneumoniae Penicillin Resistant ATCC 51915
Streptococcus pyogenes ATCC 19615
 Vancomycin Intermediate Resistant *Staphylococcus aureus* (VISA) ATCC 5836
 Tetracycline Resistant *Pseudomonas aeruginosa* ATCC 27853
Vibrio cholera ATCC 11623
Yersinia enterocolitica ATCC 23715

Viruses:

Avian Infectious Bronchitis Virus Beaudette IB42
 Transmissible Gastroenteritis Virus
 Canine Coronavirus
 Human Coronavirus
 Feline Picornavirus ATCC VR-649

Canine Distemper Virus ATCC VR-128
 Herpes Simplex Virus Type 1 ATCC VR-773
 Herpes Simplex Virus Type 2 ATCC VR-734
 Human Immunodeficiency Virus Type 1 (HIV 1)
 Influenza A Virus ATCC VR-544

Infectious Bovine Rhinotracheitis Virus ATCC VR-188
 Respiratory Syncytial Virus ATCC VR-26
 Pseudorabies Virus ATCC VR-135
 Vaccinia Virus ATCC VR-119

Fungi: When used as directed at a 1:256 dilution (or equivalent use dilution), this product is highly effective against the following:
Aspergillus niger (ATCC 16404)

Malodors: eliminates odors and odor-causing bacteria in restroom areas, behind and under sinks and counters, and storage areas and other places where bacterial growth can cause malodors.

To Kill Fungi: Effective against *Aspergillus niger* (ATCC 16404). Pre-clean heavily soiled areas. Apply use solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces and let air dry. Use as directed at a 1:256 dilution.

Mold and Mildew Control: To control the growth of mold and mildew and their odors on hard, nonporous surfaces, apply use solution to thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears. Use as directed at a 1:256 dilution.

Use for Treatment of Animal Housing Facilities:

1. Remove all animals and feeds from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or transversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap and detergent and rinse with water.
5. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a coarse trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for 10 minutes.
6. Ventilate buildings and other closed spaces.
7. Do not house animals or re-employ equipment until product has dried.
8. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand 10 minutes. Then thoroughly scrub all treated surfaces with soap and detergent and rinse with potable water before reuse.

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See MSDS # MS0301162D

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Diversey

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