



BioSweep™ Surface Defense™ Technology is based on a unique antimicrobial technology which effectively controls bacteria, fungi, algae and yeasts on a wide variety of treated articles and substrates. The base active is registered with the U.S. Environmental Protection Agency and comparable regulatory bodies around the world. The antimicrobial has been used safely and effectively in all areas from construction to plastics as well as hospital applications. This sheet has been prepared in response to numerous requests for a list of microorganisms against which the technology is effective. They were selected to provide a test spectrum which is representative of all significant types and varieties of microorganisms.

This data is provided solely to assist you in understanding the capabilities of the base technology and is not a warranty. Laboratory testing is performed in a controlled environment and may or may not be representative of real world conditions. Effectiveness against an organism should not be interpreted as eliminating, controlling, minimizing or otherwise affecting health conditions which may be associated with specific organisms.

Bacteria

Acinetobacter calcoaceticus
 Aspergillus flavus Aspergillus fumigatus Aspergillus niger
 Aspergillus terreus
 Aspergillus versicolor
 Bacillus cereus Bacillus subtilis Brucella abortus
 Brucella cania Brucella suis
 Chaetomium globosum
 Citrobacter diversus
 Clostridium perfringens
 Corynebacterium bovis
 Enterobacter agglomerans
 Escherichia coli
 Escherichia coli ATCC 23266
 Haemophilus influenzae
 Haemophilus suis
 Klebsiella pneumoniae ATCC 4352
 Lactobacillus casei
 Leuconostoc lactis Listeria monocytogenes
 Micrococcus sp.
 Mucor sp.

Mycobacterium smegmatis
 Mycobacterium tuberculosis
 Penicillium albicans Penicillium chrysogenum
 Propionibacterium acnes
 Proteus mirabilis
 Proteus vulgaris Pseudomonas aeruginosa Pseudomonas aeruginosa PDR-10
 Pseudomonas cepacia
 Pseudomonas fluorescens
 Rhizopus nigricans
 Salmonella choleraesuis
 Salmonella typhosa
 Staphylococcus aureus (non-pigmented)
 Staphylococcus aureus (pigmented)
 Staphylococcus epidermidis
 Streptococcus faecalis
 Streptococcus mutans
 Trichoderma flavus Tricophyton interdigitalie Tricophyton mentagrophytes Xanthomonas campestris

Fungi

Aerobasidium pullulans
 Anabaena cylindrica B-1446-1C

Cladosporium herbarum Fusarium nigrum Fusarium solani Gliocladium roseum Gonium sp. LB 9c Oospora lactis Oscillatoria borneti LB143
 Penicillium citrinum
 Penicillium elegans
 Penicillium funiculosum
 Penicillium humicola
 Penicillium notatum
 Penicillium variabile
 Schenedesmus quadricauda Stachybotrys atra

Algae

Chlorella vulgarus
 Pleurococcus sp. LB11
 Saccharomyces cerevisiae
 Selenastrum gracile B-325
 Volvox sp. LB 9

Virus

Herpes simplex
 Poliovirus type 2

