



UMB-300D

<p>PRODUCT DESCRIPTION</p>	<p>Tru-Clean is a clear, sprayable, rinse-free solution of antimicrobial agents to clean and protect any substrate and mitigate or stop the growth of dangerous microbes. The antimicrobial agents used in our coatings are registered for safe use in food contact applications and comply with the EPA and FDA and are NSF51 certified. Tru-Clean is a spray or wipe-on clear solution that can be applied to any surface that will withstand short term exposure to a water-based antibacterial product.</p>		
<p>DIRECTIONS</p>	<p>Tru-Clean should be used as received. Do not dilute.</p> <p>Tru-Clean sprays-on or wipes-on wet and dries clear. Surfaces need to remain damp/wet for 10 minutes to achieve maximum effectiveness against microorganisms and odours they can cause.</p> <p>Tru-Clean antibacterial agents are approved to be used in; medical offices, nursing homes, dental offices, schools, restrooms, veterinary clinics, non-food surfaces such as walls, floors, sinks, counter tops, tables, chairs, telephones, bed frames, cabinets, handles & knobs, bathtub and shower surfaces, as well as garbage cans and storage areas where bacteria can cause malodors.</p> <p>Be sure surfaces are dry before touching or handling with bare skin.</p> <p>Always use gloves when using this product, to prevent absorption into the skin.</p> <p>Tru-Clean is not to be ingested in any manner.</p>		
<p>PROPERTIES</p>	<p>Colour Clear</p>	<p>REACH Compliant</p>	
	<p>Odor (liquid) Pleasant</p>	<p>Halogens None</p>	
	<p>V.O.C. No VOC</p>	<p>Re-Coat As needed or wanted</p>	
	<p>RoHS Compliant</p>		

MICROORGANISM EFFECTIVE LIST is shown on following pages.



UMB-300D

MICROORGANISM EFFECTIVE LIST			
HUMAN VIRUSES	Adenovirus type 2 Cytomegalovirus HBV (Hepatitis B Virus) HCV (Hepatitis C Virus) Herpes Simplex type 1 Virus Herpes Simplex type 2 Virus HIV-1 (AIDS Virus)	Human Coronavirus Influenza A/Brazil Virus Influenza A/Victoria (H3N2) Virus Influenza A2-Asian Virus Influenza B Virus (Allen strain) Influenza C Virus (Taylor strain)	Measles Virus Parainfluenza type 1 Poliovirus type 1 (Chat strain) Respiratory Syncytial Virus Rotavirus Vaccinia Virus
NON-HUMAN VIRUSES	Avian Influenza/Turkey/ Wisconsin Virus Canine Coronavirus Canine Distemper Virus Canine Herpesvirus Equine Herpesvirus Equine Influenza Feline Calicivirus Norovirus	Feline Infectious Peritonitis Infectious Bovine Rhinitis (IBR) Newcastle Disease Virus Porcine Parvovirus Porcine Respiratory & Reproductive Syndrome Virus (PRRSV) Porcine Rotavirus	Pseudorabies Virus Transmissible Gastroenteritis (TGE) T1 bacteriophage T4 bacteriophage Vesicular Stomatitis Virus (VSV) Bovine Viral Diarrhea Virus (BYDV) Avian Influenza Virus (H5N1)
ISOLATES FROM AIDS PATIENTS	Aspergillus niger Candida albicans	Cryptococcus neoforman Pseudomonas aeruginosa	Staphylococcus aureus Streptococcus pneumoniae
GRAM POSITIVE CLINICAL ISOLATES	Staphylococcus aureus (Toxic shock) Staphylococcus epidermidis	Staphylococcus saprophyticus Streptococcus haemolyticus	Streptococcus pyogenes
GRAM NEGATIVE CLINICAL ISOLATES	Acinetobacter calcoaceticus var. anitratus Acinetobacter calcoaceticus var. lwoffii Bordetella bronchiseptica Brevundimonas diminuta Burkholderia cepacia Enterobacter agglomerans Enterobacter cloacae Enterobacter gergoviae Enterobacter liquefaciens	Escherichia coli (Urinary) Escherichia coli (Wound) Flavobacterium meningosepticum Hafnia alvei Klebsiella oxytoca Klebsiella pneumoniae Morganella morganii Proteus mirabilis	Proteus vulgaris Pseudomonas aeruginosa Pseudomonas fluorescens Pseudomonas pseudomallei Pseudomonas putida Pseudomonas stutzeri Serratia marcescens Shingomonas paucimobilis



UMB-300D

MICROORGANISM EFFECTIVE LIST			
OTHER BACTERIA	Actinobacillus pleuropneumoniae Actinomyces pyogenes Bacillus cereus Bacteroides fragilis Corynebacterium ammoniagenes, (Brevibacterium ammoniagenes) Bordetella bronchiseptica Burkholderia pickettii Campylobacter jejuni Chryseomonas luteola Corynebacterium pseudotuberculosis Enterobacter aerogenes Enterococcus faecalis Enterococcus faecium	Enterococcus hirae Escherichia coli Escherichia coli strain 0157:H7 Escherichia vulneris Haemophilus influenzae Klebsiella pneumoniae Pasteure haemolyticus Listeria monocytogenes Pseudomonas aeruginosa Rhodococcus equi Salmonella enterica Salmonella schottmuelleri Salmonella typhi	Shigella dysenteriae Staphylococcus aureus Staphylococcus auricularis Staphylococcus capitis Staphylococcus hominis Staphylococcus simulans Stenotrophomonas maltophilia Streptococcus equi var. equi Streptococcus equi var. zooepidermicus Streptococcus pneumoniae (PRSP) Streptococcus pyogenes Streptococcus salivarius Yersinia enterocolitica
PATHOGENIC FUNGI	Trichophyton mentagrophytes		
ENVIRONMENTAL FUNGI	Aspergillus candidus Aspergillus niger	Penicillium chermesinum Penicillium oxalicum	Penicillium spinulosum Ulocladium sp.
ANTIMICROBIAL RESISTANT GRAM-NEGATIVE BACTERIA	Pseudomonas aeruginosa (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant) Escherichia coli (Ampicillin, Tetracycline, Penicillin and Sulfa Resistant)	Klebsiella oxytoca (Ampicillin, Sulfanylilimide and Tetracycline Resistant) Klebsiella pneumoniae type 1 (Ampicillin, Tetracycline, Cephalothin and Sulfa Resistant) Morganel/a morganii (Penicillin and Tetracycline Resistant)	Enterobacter agglomerans (Ampicillin and Sulfanylilimide Resistant) Salmonella (Antibiotic Resistant) Enterobacteriacia with extended beta-lactamase resistance (Ampicillin and Piperacillin Resistant)
ANTIBIOTIC RESISTANT GRAM-POSITIVE BACTERIA	Enterococcus faecalis (Vancomycin Resistant-VRE) Enterococcus faecium (Vancomycin Resistant-VRE) Staphylococcus aureus (Methicillin-MRSA, Community Associated Methicillin Resistant CA-MRSA PVL Positive)	Staphylococcus aureus (CA-MRSA Genotype USA 400) Staphylococcus aureus (Penicillin G, Penicillin, Ampicillin, Cefazolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Rifampin, Tetracycline Resistant)	Staphylococcus aureus (Vancomycin Resistant - VRSA) Staphylococcus aureus (Vancomycin Resistant Intermediate-VISA) Staphylococcus epidermidis (Ampicillin and Drug Resistant)

The manufacturer is not responsible for the use and application of this material. At the time of this publication all information contained within was determined to be valid and true. It is up to the end user determine the suitability of this product for their own application. No warranty is written or implied regarding application and use of this material.

