

# PREempt® Plus

## One-Step Disinfectant Cleaner

**Ideal for daily cleaning and disinfection of hard non-porous surfaces found inside the anteroom, buffer room and segregated compounding areas (SCAs) - PREempt® Plus**

PREempt Plus is a ready-to-use, EPA-registered, one-step cleaner and disinfectant for hard, non-porous surfaces found in Pharmacies. PREempt® Plus utilizes Accelerated Hydrogen Peroxide® (AHP®), a patented synergistic blend of 0.5% hydrogen peroxide formulated with inert ingredients, that dramatically increase cleaning performance.

Just like the original PREempt® RTU, it has the lowest EPA toxicity rating, a 0-0-0 HMIS classification on the SDS, and is free of volatile organic compounds (VOCs) and objectionable odors. The active ingredient breaks down to water and oxygen after use, allowing non-hazardous disposal of any unused product.

Compared to PREempt RTU, this new and improved formulation features faster kill times against many target microbes and less than half of the residue after evaporation from treated surfaces, improving its suitability for cleaning and disinfecting hard non-porous surfaces in sterile compounding pharmacies, laboratory facilities and other critical environments.



EPA-registered, one-step cleaner and disinfectant, with 1-minute or less dwell time. (See label for instructions)

Features	Benefits
Faster contact times for fungi, bacteria, viruses, and TB	<ul style="list-style-type: none"> <li>• Quicker turnaround after disinfection while meeting required dwell times without the need for reapplication</li> </ul>
Lower residue vs. Previous Formulation	<ul style="list-style-type: none"> <li>• Less residue reduces frequency of residue removal outside PECs</li> </ul>
Active ingredient is 0.5% hydrogen peroxide	<ul style="list-style-type: none"> <li>• Breaks down into water, oxygen, and inert ingredients</li> <li>• Non-hazardous for cost-effective disposal</li> </ul>
Lowest EPA toxicity rating	<ul style="list-style-type: none"> <li>• Mild odor for operator acceptability</li> <li>• Contains no VOCs</li> </ul>
Compatible with a wide range of materials	<ul style="list-style-type: none"> <li>• Reduces corrosion and wear on surfaces and equipment</li> </ul>

### Product Specifications

Odor	Mild
EPA-Registered	74559-9 (liquid) 74559-10 (wipes)
% Hydrogen Peroxide	0.5%
Detergency	Yes, for cleaning efficiency
Relative Density	1.006
pH	2.0-2.5
Shelf Life	2 years - opened or unopened
HMIS Hazard Rating	0-0-0
Health	0
Flammability	0
Reactivity	0
Personal Protection	X*

\*See SDS for more information



2B101

Part No.	Description	Packaging
2B101	PREempt Plus RTU Disinfectant, 32 oz (0.95L), flip top capped	12 each/case
2B105	PREempt Plus RTU Disinfectant, 1 gallon (3.8L), capped	4 each/case
2B221	PREempt Plus Disinfectant Wipes, meltblown polypropylene, 6"x 7" (15.2 x 17.8cm), 160 wipes/canister; 12 canisters/case	12 each/case





Comparison: PREempt Plus and PREempt RTU

Part 1: Disinfectant Claims Summary

Product	PREempt Plus	PREempt RTU
<b>Bactericidal Claim</b>		
<i>Acinetobacter baumannii</i> (Multi-Drug Resistant) (ATCC 19606)	1 Minute	1 Minute
<i>Bordetella bronchiseptica</i> (ATCC 10580)	1 Minute	-
<i>Bordetella pertussis</i> (ATCC 12743)	1 Minute	-
<i>Burkholderia cepacia</i> (ATCC 25416)	1 Minute	-
<i>Chlamydia psittaci</i> (Strain 6 BC) (ATCC VR-125)	1 Minute	-
<i>Enterobacter aerogenes</i> (ATCC 13048)	1 Minute	-
<i>Enterobacter cloacae</i> (New Delhi metallo- $\beta$ -lactamase 1) (CDC 1000654)	1 Minute	-
<i>Enterococcus faecalis</i> (Vancomycin Resistant) (ATCC 51575)	1 Minute	1 Minute
<i>Enterococcus faecium</i> (ATCC 51559)	1 Minute	-
<i>Escherichia coli</i> (ATCC 11229)	1 Minute	-
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	1 Minute	1 Minute
<i>Escherichia coli</i> (ESBL) (ATCC BAA-196)	1 Minute	1 Minute
<i>Escherichia coli</i> (NDM-1) (CDC 1001728)	1 Minute	-
<i>Klebsiella pneumoniae</i> (ATCC 4352)	1 Minute	1 Minute
<i>Klebsiella pneumoniae</i> (CRE) (ATCC BAA 1705)	1 Minute	-
<i>Klebsiella pneumoniae</i> (ESBL) (ATCC700603)	1 Minute	-
<i>Klebsiella pneumoniae</i> (NDM-1) (CDC1000527)	1 Minute	-
<i>Legionella pneumophila</i> (ATCC 33153)	1 Minute	-
<i>Listeria monocytogenes</i> (ATCC 19117)	1 Minute	-
<i>Pasteurella multocida</i> (ATCC 12947)	1 Minute	-
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	1 Minute	1 Minute
<i>Pseudomonas aeruginosa</i> (MBL) (CDC 2012059)	1 Minute	-
<i>Salmonella enterica</i> (ATCC 10708)	1 Minute	1 Minute
<i>Serratia marcescens</i> (ATCC 14756)	1 Minute	-
<i>Shigella dysenteriae</i> (ATCC 11835)	1 Minute	1 Minute
<i>Staphylococcus aureus</i> (ATCC 6538)	1 Minute	1 Minute
<i>Staphylococcus aureus</i> (CA-MRSA 300)	-	1 Minute
<i>Staphylococcus aureus</i> (CA-MRSA 400)	1 Minute	1 Minute
<i>Staphylococcus aureus</i> (MRSA) (ATCC 33592)	1 Minute	1 Minute
<i>Staphylococcus aureus</i> (VISA) (HIP 5836)	1 Minute	-
<i>Staphylococcus aureus</i> (VRSA) (VRS1)	1 Minute	-
<i>Staphylococcus epidermidis</i> (MRSE) (ATCC 51625)	1 Minute	-
<i>Staphylococcus pseudintermedius</i> (ATCC 49444)	1 Minute	-
<i>Stenotrophomonas</i> ( <i>Pseudomonas</i> ) <i>maltophilia</i> (ATCC 25596)	1 Minute	-
<i>Streptococcus pneumoniae</i> (PRSP) (ATCC 700677)	1 Minute	-
<i>Streptococcus pyogenes</i> (ATCC 19615)	1 Minute	-
<b>Tuberculocidal Claim</b>		
<i>Mycobacterium bovis</i> (BCG)	1 Minute	5 Minutes
<b>Virucidal Claim</b>		
<i>Adenovirus Type 8</i> (ATCC VR-1368)	30 Seconds	1 Minute
<i>Avian Influenza A Virus</i> (H7N9)	30 Seconds	-
<i>Avian Influenza A Virus</i> (H3N2)	30 Seconds	1 Minute
<i>Cytomegalovirus</i> (ATCC VR-538)	30 Seconds	-
<i>Feline Calicivirus</i> (ATCC VR-782)	30 Seconds	1 Minute
<i>Human Hepatitis B Virus</i> (HBV) ( <i>Duck Hepatitis B Virus</i> as the surrogate)	30 Seconds	1 Minute
<i>Human Hepatitis C Virus</i> (HCV) ( <i>Bovine Viral Diarrhea</i> as the surrogate)	30 Seconds	1 Minute
<i>Herpes Simplex Virus Type 1</i> (ATCC VR-733)	30 Seconds	1 Minute



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<i>Herpes Simplex Virus Type 2 (ATCC VR-734)</i>	30 Seconds	1 Minute
<i>HIV Type 1 Strain HTLV III</i>	30 Seconds	1 Minute
<i>Human Coronavirus (ATCC VR-740)</i>	30 Seconds	1 Minute
<i>Influenza A Virus (Hong Kong Strain) (ATCC VR-544)</i>	30 Seconds	1 Minute
<i>Influenza B Virus (ATCC VR-823)</i>	30 Seconds	-
<i>Norovirus (Feline Calicivirus as the surrogate)</i>	30 Seconds	1 Minute
<i>Pandemic Influenza A Virus H1N1</i>	30 Seconds	-
<i>Parainfluenza Virus Type 3 (ATCC VR-93)</i>	30 Seconds	-
<i>Poliovirus Type 1 (Strain Brunhilde) (ATCC VR-1000)</i>	-	1 Minute
<i>Poliovirus Type 1 (Strain Chat) (ATCC VR-1562)</i>	30 Seconds	-
<i>Respiratory Syncytial Virus (RSV) (ATCC VR-26)</i>	30 Seconds	-
<i>Rhinovirus Type 37 (ATCC VR-1147)</i>	30 Seconds	1 Minute
<i>Rotavirus (WA strain)</i>	30 Seconds	1 Minute
<i>Vaccinia Virus (ATCC VR-119)</i>	30 Seconds	-
<b>Fungicidal Claim</b>		
<i>Trichophyton interdigitale (Athlete's Foot) (ATCC 9533)</i>	30 Seconds	10 Minutes
<i>Candida albicans (ATCC 10231)</i>	1 Minute	-
<i>Microsporium canis (ATCC 10214)</i>	1 Minute	-

## Part 2: Active Ingredients

Product	Active Ingredients	%
PREempt Plus	Hydrogen Peroxide	0.5%
PREempt RTU	Hydrogen Peroxide	0.5%