

PREempt® Concentrate

One-step disinfectant cleaner utilizing Accelerated Hydrogen Peroxide®

PREempt® Concentrate utilizes Accelerated Hydrogen Peroxide® (AHP®), a patented synergistic blend of commonly used ingredients, that when combined with low levels of hydrogen peroxide dramatically increase its efficacy and cleaning performance. AHP combines hydrogen peroxide with surfactants, wetting and chelating agents to create an ideal one step disinfectant cleaner.

AHP is a unique formulation that has the perfect balance between a fast contact time whilst maintaining cleaning efficacy. It also carries no hazard classification.

PREempt Concentrate requires dilution creating a cost effective solution for cleaning and disinfecting large areas of cleanroom or controlled environment.

PREempt Concentrate once diluted (1:16) has a Broad-Spectrum Non-Food Contact Sanitizing claim in 30 secs, Bactericidal claim, General Virucide claim, and Fungicidal claim in 5 minutes.

It leaves minimal residues on surfaces once dry. All ingredients are listed on the EPA and Health Canada Inerts lists and the FDA Generally Regarded as Safe List (GRAS).

PREempt Concentrate is available in two sizes, a convenient capped 1 gallon container which can be fitted with a hand pump or a 55 gallon drum if very large quantities are required. PREempt Concentrate is an ideal cost effective solution for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas.



Features	Benefits
AHP technology	<ul style="list-style-type: none"> • Fast acting disinfectant activity • Can be used as a one-step disinfectant cleaner which saves time
Lowest EPA toxicity rating	<ul style="list-style-type: none"> • Odor-free for good operator acceptability • Does not require personal protection equipment (PPE)
Contains hydrogen peroxide	<ul style="list-style-type: none"> • Breaks down into water and oxygen so low residue • Nonhazardous so allows cost effective disposal
Compatible with a wide range of materials	<ul style="list-style-type: none"> • Reduces corrosion and wear on surfaces and equipment

Manufactured by:



Engineering Revolutionary Disinfectants for the War Against Microbes
 PDSD011 | 101422



Accelerated Hydrogen Peroxide®

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Part No.	Description	Size	Packaging
21305	PREempt Concentrate	1 gallon (3.8 L)	4/case
21311	PREempt Concentrate	55 gallon (200 L)	1/case
HDP001	Hand pump for PREempt Concentrate	1 gallon (3.8 L)	1/case

Product Application

Dilute at 8.0 oz. of product per gallon of water (1:16 dilution) to use as a one-step cleaner disinfectant, pre-clean if area is heavily soiled, perhaps after a spill or maintenance. Apply diluted solution by using a cleanroom wipe or mop to hard, non-porous environmental surfaces. Make sure to wet surfaces thoroughly. All surfaces must remain wet for required contact time. Even though PREempt leaves little surface residue, best practice is to wipe surfaces dry after the contact time.

It is a violation to use this product in a manner inconsistent with its labelling.

Specification

- Contains 4.25% Hydrogen Peroxide
- Concentrate solution for dilution at point of use
- 3 year shelf life (opened and unopened)
- Once diluted, the use-solution has a 90 day shelf life
- Relevant certificates of analysis available for every batch
- Full supporting documentation is available on request

Ratio	Per Gallon of Water	Per Liter of Water
1:16	8 oz.	64 mL
1:64	2 oz.	16 mL
1:128	1 oz.	8 mL
1:256	0.5 oz.	4 mL

Technical Data

Test	Organism	Species	Dilution	Time
AOAC Germicidal Spray Test	Bacteria	<i>E.coli</i> <i>P. aeruginosa</i> <i>S. aureus</i> <i>S. epidermidis</i>	1:16	5 mins
EPA Sanitizer Test for Non-Food Contact Surfaces	Bacteria	<i>E.coli</i> <i>P. aeruginosa</i> <i>S. aureus</i>	1:16	30 secs
EPA Sanitizer Test for Non-Food Contact Surfaces	Bacteria	<i>E.coli</i> <i>P. aeruginosa</i> <i>S. aureus</i>	1:128	3 mins
Standard Test Method for Efficacy of Virucidal Agents	Viruses	<i>Poliovirus</i> <i>Adenovirus</i> <i>Rhinovirus</i>	1:16 - 1:64	5 mins
AOAC Fungicidal Activity Disinfectants Model	Fungi	<i>A. Niger</i>	1:16	10 mins
AOAC Fungicidal Activity Disinfectants Model	Fungi	<i>T. mentagrophytes</i>	1:16	5 mins

* Further non-cleanroom specific organisms have been tested - available upon request.