



# pHreshealth

HOSPITAL - AMBULANCE - DOCTOR OFFICE -  
TRAUMA - VETERINARY - MORTUARY



**BROAD SPECTRUM  
DISINFECTANT**

**ALL SURFACES**

**AIRBORNE THREATS**

**pHreshealth** is a biodegradable, non-corrosive, non-toxic, and broadspectrum disinfectant with an efficacy and efficiency based upon a synergism of its surfactant (soap) properties, its hydrolytic (able to remove chlorine) and its oxidizing properties can oxidize central sulfur.

Moreover its capacity to form both anionic and cationic micelles around large proteins on the exterior surfaces of cell membranes hold potential application in topological control of enzyme and receptor function and in killing array of biological pathogens as well as deactivating chemicals.

**Lethality has been demonstrated with spores, bacteria (including weaponized anthrax), viruses, MRSA, and prions.**

Once pHreshealth had been applied and allowed to work, the materials left behind are all nonhazardous and can be rinsed away with water.

None of the chemicals remain in their original form. None of the residues are flammable, and all of the remaining materials can be disposed of safely without harm to the environment.

## MECHANISM OF ACTION

- 1 - Physically denatures bacterial spores via a surfactant boring holes in their protein shell armor
- 2 - Oxidizing agents attack the genetic material (DNA) within the spore
- 3 - Hydrolyzing agents attack vital bacterial spore contents and functions

**NO BIOLOGICAL PATHOGENS  
CAN BE IMMUNE TO IT**

## BENEFITS

- Fast onset of action
- Air and surface treated
- 7 log-kill
- Antimicrobial inhibition
- Non-toxic once applied
- Bio-degradable by products
- Non hazardous
- No shipping restrictions
- Cost effective - time and flexibility

**NO RESIDUAL EFFECT ON THE ENVIRONMENT**

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## OPERATING PROCEDURES

**pHreshealth** can be applied in many ways (liquid, fog, spray, foam) so there is no need to modify your Standard Operating Procedures.

We suggest the following equipment to optimize your time and make **pHreshealth** your most cost effective solution.

### ULV MICRO MIST FOGGER



Light and portable, the ULV micro mist fogger is designed to apply **pHreshealth** as a fog.

*Recommended to sanitize equipment.*

### ULTRASONIC ATOMIZER UNIT



The Ultrasonic Atomizer Infection Control Unit replaces the requirement of other cleaning and infection equipment due to its efficient controllable delivery system.

#### Functions:

- Spray cleaner dispenser
- Fine mist disinfection of airborne viruses
- Heavy spray for viscous solutions biofilms and contaminates
- PPE cleaner

The Ultrasonic Atomizer Infection Control Unit can be used on all surfaces such as glass, wood, concrete, and fabrics.

*Recommended to sanitize patient Rooms.*

## Corrosion Comparisons

Steel Coupons - 24 hours exposure



Deionized water



pHreshealth



Bleach

**pHreshealth** is a derivative of DF200 Formula, specifically designed to answer cross contamination problems in the health care industry.

**pHreshealth** is an "all-in-one" disinfectant formula, complying with standard operating procedures. It allows different deliveries: liquid, spray, aerosol, and foam. Considered as the most cost effective formulation on the market,

**pHreshealth** allows quick operating procedures with a high rate of efficacy.



### MEDICAL EQUIPMENT

With **pHreshealth** sanitize any equipment on a regular basis. Applied with a ULV micro mist fogger, **pHreshealth** is the most cost effective solution on the market.

#### Advantages:

- No training required
- Quick turnaround
- Effortless
- Eliminate odors



### PATIENT ROOM

Unlike bleach based products or other highly corrosive formula, **pHreshealth** sanitizes a patient room without damaging the equipment.

#### Advantages:

- Quick turnaround
- No spot left unsanitized
- Mattress treated on site
- Upholstery and carpet



### PUBLIC AREAS & LAUNDRY

Used as a general cleaner in Public Areas and Laundry rooms, **pHreshealth** drastically lowers the risks of cross contamination.

#### Advantages:

- No toxic by-product left behind
- Does not require specific operating procedure
- Eliminates odors cleaning
- Effortless

*Advanced Decon Technologies is a privately owned company manufacturing the future of non-toxic biodegradable chemical products.*

*Advanced Decon Technologies provides turnkey answers to pathogen-generated biological and chemical threats.*

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