Sanitizing with Decon Five Treatments

- EPA registered
- Biodegradable
- Water soluble
- No toxic Residue

THE ADVANTAGE:

Sanitizing is a labor-intensive process. Large facilities require multiple workers over a long period of intensive scrubbing with sanitizing products that kill pathogens but add to the chemical bioload of the building.

All the hard work to sanitize a building is frustrated as soon as the returning people enter the next day. So, we recommend repeated treatments until the disease cycle is broken.

The Decon Five treatment is delivered by a professional service that accomplishes a comprehensive sanitizing process that sanitizes all surfaces in a room or building. Since there is no toxic residue, this system can be applied several times at a modest cost to mitigate the spread of disease and reduce absenteeism.

Decon Five provides a Seven Log Kill when professional applied. Our no-touch system can treat large or small areas reaching even the most recessed areas. This treatment does not interfere or reduce the normal cleaning processes.

This product is useful for denaturing of proteins in blood, vomit, and body fluids. Sanitizing localized areas can destroy odors, chemical threats, and pathogens.

BACTERIA AFFECTED

Agrobacterium tumegaciens	Neisseria catarrhalis
Bacillus anthrax (Anthrax)	Phytomonastumefaciens
Bacillusanthracis AME-RIID	Proteusmirabilis
Bacillusanthracia ANR-1	Pseudomonasaeruginosa
Bacillusglobigii	Pseudomonasfluorescens
Bacillusmegateriumsp (veeg)	Salmonella chloreraesuis
Bacilliusparatyphusus	Samonella enteritidis
Bacillussubtilis	Salmonella prartyphi (Entericfever)
Bacillussubtilisspores	Salmonella spp
Clostridiumdifficile	Salmonella typhimurium
Clostriiumtetani	Salmonella typhosa (Tyfoidfever)
Corynebacteriumdiphtheria (Diphteria)	Sarcina lutea
Eberteliatyphuosa	Serratiamarcescens
Enterobactereraerogenes	Shigellaflexneriae (Dysentery)
Erwiniaherbicolo	Shignellaparadysenteria
EscherichiaColi (0157-H7 & ESBL)	Spirillumrubrum
Escherichiacoli (E. Coli)	Staphylococcusaerius
Staphylococcushemolyticus	Staphylococcusaeureus - MRSA
Klebsrellapneumoniae	Staphylococcusaeureus - VISA
Legionellabosemanil	Staphylococcusalbus
LegionellaDumofil	Staphylococcusepidermisi
Legionellagormanii	Staphylococcushemolyticus
Legionellalongbeachae	Staphylococcuslactic
Legionellamicdadei	Staphylococcusspp
Legionellapneumophila (LegionnairesDis)	Staphylococcusvirdidans
Leptospiracanicola (InfectionsJauntice)	Staphylococcusaureus
Listeria monocytogenes	T4 Bacteriophage virus
Micrococcuscandidus	Vibrio comma (Cholera)
Micrococcussphaeroides	Xanthomonasaxonpodis (Citrus Canker)
Mycobacterium tuberculosis (Tuberculosis)	YeninaPestis

VIRUS AFFECTED

Bcteriopface – E. Coli	Influenza A
BovineCoranovirus (BCV)	Influenza B
Bovine enterovirus (BEV)	Influenza (H1N1 + H5N1)
Ebola	MS-2 Bacteriophage virus
FelineCalicivirus (Norovirus)	Poliovirus - Poliomyelitis
Foot and Mouth Disease virus (FMDV)	SARS Coronavirus
Infectious Hepititis	T4 Bacteriophage virus

The mechanism Decon Five uses was perfected in conjunction with a government grant to find a safe but effective solution that could be readily used by the military. The product had to be safe to store for long periods, readily dispensable, and offered a broad spectrum of safety, health, and environmental threats.

With a pH of roughly 9, the process does not depend on harsh chemistry to destroy pathogens. The power is a cross-activation process of minor amounts of Cationic Surfactants (less than 4%) in Part A and hydrogen peroxide (7.9%, but roughly 4% when mixed) in Part B.

The cationic surfactant in Part A activates the other inert ingredients in Part B, and the hydrogen peroxide in Part B activates the other inert ingredients in Part A. This produces a high level of potency for a period of eight hours.

The action relies on the surfactant blend to “Bore Holes” in the outer membrane of the bacteria or virus allowing the ingredients to enter the pathogen. As a result, the microorganism dies from a disruption of the DNA. Pathogen kill is therefore quick and effective without introducing harsh or potentially hazardous chemicals into the room or facility.

A training program is required for the proper application of the Decon Five treatment. In addition, all protocols for infectious diseases must be followed according to the requirements for each and any disease.

There is no residual effect after product application. Treatments should be repeated until the disease threat is abated. Those entering the building should observe sanitary protocols of hand washing, touching, and interactions with other who may pass the prevailing disease.

Registered applications:

- Algaecide / anti-algae preventive or corrective for aquariums and ponds.
  Algaecide / anti-algae preventive or corrective for private and public pools.
- Disinfectant for aquariums and ponds.
- Disinfectant for private pools.
- Disinfectant for sanitary.
- Disinfectant for surfaces (floors and walls, among other), materials, equipment and furniture that are not in direct contact with food or food for animals.
- Disinfectant sanitary (toilet, bathroom).
- Air disinfection, the air conditioning systems and the ventilation ducts (filters).
- Disinfection hospital waste.
- Disinfection of rooms where sick people have been received or been given accommodation, and in which medical treatments or paramedics are provided.
- Disinfection of medical transport vehicles or transportation of corpses.
- Disinfection of floors or other substrates (playground, ...). Disinfection of the skin, the legs and hooves of animals except for the nipples and for veterinarian medical use.
- Disinfection of the nipples, except for medical use veterinarian.
- Disinfectants for domestic uses for surfaces in contact with food and animal food (sink, countertop, fridge).
- Antibacterial treatment of warehouses of foodstuffs for human consumption.
- Antibacterial treatment of collective central kitchens locals and materials, where transformation of food for human consumption is intended for direct delivery, and restaurants. Fungicide to surfaces, materials, equipment and furniture that are not in direct contact with food or food for animals.
- Fungicide treatment of warehouses of food for human consumption.
- Fungicide treatment of collective central kitchens locals and materials, where transformation of food for human consumption is intended for direct delivery, and restaurants. Mildewstat treatment of warehouses of food for human consumption.
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- Virucide treatment of collective central kitchens locals and materials, where transformation of food for human consumption is intended for direct delivery, and restaurants. Deodorant / odorant neutralizer of odors.
- Products for the protection of materials and industrial equipment.