

Kills HIV-1 (AIDS) virus
on inanimate surfaces

Coverage NPD™

ONE-STEP GERMICIDAL DETERGENT
E.P.A. Reg. No. 1043-90

Germicide • Fungicide • Virucide • Detergent • Deodorizer • Concentrate

Active Ingredients	4.60%
Octyl decyl dimethyl ammonium chloride	2.30%
Dibetyl dimethyl ammonium chloride	2.30%
Didetyl dimethyl ammonium chloride	6.14%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride	84.56%
Inert Ingredients	

FOR AGRICULTURAL, INDUSTRIAL AND INSTITUTIONAL USE

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, flush with water for 15 minutes. Get prompt medical attention. For skin contact, flush with water. See side panel for additional precautionary statements.

Contents: One U.S. Gallon
(3.78 Liters)

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This product is a research-developed hard water effective, phosphate-free concentrated germicidal detergent system designed to simultaneously clean, disinfect and deodorize in the presence of 5% organic soil (serum) when diluted with 400 ppm hard water.

It is intended for use on washable hard non-porous environmental surfaces such as floors, walls, counters, tools, carts, and other equipment in food processing, preparation and service facilities, in animal husbandry, poultry and feed processing facilities, veterinary clinics, animal research facilities, and in other indoor areas where infectious contamination control is a necessity.

Use the use-solution for the cleaning and disinfection of metal surfaces such as stainless or galvanized steel and chrome, porcelain, plastics, glass, tile, washable painted or varnished surfaces, concrete, as well as resilient vinyl, asphalt, linoleum, rubber, terrazzo or other combination-type floors.

Germicide: Passes A.O.A.C. Germicidal Use-Dilution Method (*S. aureus*, *S. choleraesuis*, *Ps. aeruginosa*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:256 (1/2 ounce per 1 gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

It has also been shown in the A.O.A.C. Use-Dilution Test, when diluted with 400 ppm A.O.A.C. hard water to make a 1:256 solution (1/2 ounce per 1 gallon of water) in the presence of 5% organic soil (serum), 10 minutes at 20°C to inactivate.

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| <i>Acinetobacter calcoaceticus</i> , ATCC 19606 | <i>Salmonella typhimurium</i> , ATCC 14028 |
| <i>Candida albicans</i> , Clinical Isolate | <i>Serratia marcescens</i> , ATCC 8100 |
| <i>Candida parapsilosis</i> , Clinical Isolate | <i>Shigella flexneri</i> , ATCC 12027 |
| <i>Chromobacterium freundii</i> , ATCC 8090 | <i>Shigella sonnei</i> , ATCC 25931 |
| <i>Enterobacter aerogenes</i> , ATCC 13048 | <i>Staphylococcus aureus</i> , ATCC 25923 |
| <i>Enterobacter cloacae</i> , ATCC 23355 | <i>Staphylococcus aureus</i> (MRSA), Multiply (Aethicillin)-Resistant Clinical Isolate |
| <i>Escherichia coli</i> , ATCC 25922 | <i>Staphylococcus epidermidis</i> , ATCC 12228 |
| <i>Klebsiella pneumoniae</i> , ATCC 13883 | <i>Streptococcus faecalis</i> , ATCC 19433 |
| <i>Proteus vulgaris</i> , ATCC 13315 | <i>Streptococcus pyogenes</i> , ATCC 19615 |
| <i>Pseudomonas aeruginosa</i> , ATCC 27853 | |

Fungicide: Passes A.O.A.C. Fungicidal Test (*T. mentagrophytes*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:256 (1/2 ounce per 1 gallon) solution, in the presence of 5% dried organic soil (serum), 10 minutes at 20°C.

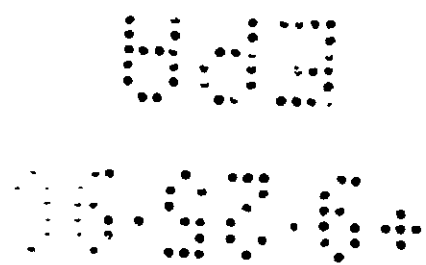
Virucide: Passes Virucidal Assay (EPA Proposed Method) [Influenza A₂ (Japan), Herpes simplex Types 1 and 2, Vaccinia] when diluted with 400 ppm hard water to make a 1:256 (1/2 ounce per gallon) solution, in the presence of organic soil (serum), 10 minutes at 20°C on hard non-porous inanimate environmental surfaces.

Effective against Canine parvovirus according to the EPA-approved virucidal assay method when diluted 1:64 in 400ppm hard water with 5% organic soil (serum) in 10 minutes at 20-25°C on hard non-porous environmental surfaces.

When tested by an EPA-approved Dilution Method, the HIV-1 (M15) virus, with added 5% organic soil (serum) was completely inactivated by a 1:256 (1/2 ounce per 1 gallon) solution in 400 ppm A.O.A.C. hard water in 10 seconds at 20°C. Although efficacy at a 30-second contact time has been shown to be adequate against HIV-1, this time would not be sufficient for other organisms. Use a 10-minute contact time for disinfection against all of the organisms named.

Odor Control: Eliminates most odors by killing odor-causing bacteria and simultaneously chemically neutralizing their odors. Cleans unpleasant smelling soils.

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Precautionary Statements

HAZARD TO HUMANS AND DOMESTIC ANIMALS: Concentrate corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Concentrate may be fatal if absorbed through the skin.

STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, immediately flush eyes with water for 15 minutes and get prompt medical attention. For skin contact, flush thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantity of egg white, gelatin solution, or water. Avoid alcohol. Do not induce vomiting. Call physician immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

CLEANING AND DISINFECTING: Add one-half ounce (15cc) to each measured gallon of water used. Always add this product to premeasured water. Gently mix for a uniform solution. Apply solution with a cloth, sponge, mop, or brush using normal cleaning methods. Thoroughly wet all surfaces to be cleaned, then remove excess solution with a wrung-out applicator. Treated surfaces should remain wet for ten minutes. Remove gross filth mechanically by sweeping before cleaning begins. Discard solution when it becomes dirty and replace with a fresh solution. This is a complete product. Do not add other chemicals. Use only as directed.

ANIMAL HUSBANDRY, ANIMAL RESEARCH, POULTRY FACILITY CLEANING AND DISINFECTING: Remove or cover all food, feedstuffs, packaging materials and livestock. Remove all litter, manure and other debris from floors and walls, scrape if necessary. Empty all troughs, racks, feeders and waterers. Saturate all surfaces with a 1:256 solution (1/2 ounce per gallon prepared as directed above). Scrub to loosen adhering soils. Allow to soak for 10 minutes, then pick up excess with a wrung-out applicator. Flush feeders and waterers with potable water after disinfecting. Drain all surfaces, ventilate buildings and allow to air dry before use or rehousing animals.

CLEANING AND DISINFECTING FOOD PREPARATION AND PROCESSING FACILITIES AND EQUIPMENT: Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the use-solution (1/2 ounce per gallon prepared as directed above). Scrub to loosen all soils. Allow to soak for 10 minutes. Thoroughly rinse all wetted and cleaned surfaces with potable water.

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (HUMAN IMMUNODEFICIENCY VIRUS OR AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

PERSONAL PROTECTION: Wear appropriate barrier protection such as latex gloves, gowns, masks or eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of 1:256 use-solution (1/2 ounce per gallon). Prepare and apply solution as directed in paragraph above.

CONTACT TIME: While the HIV-1 virus is inactivated in 30 seconds, use a 10 minute contact time for disinfection of all organisms on this label.

INFECTIOUS MATERIALS DISPOSAL: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious disposals.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: This germicide, its solutions or rinsings from empty containers should be disposed of in a toilet or service sink served by a sanitary sewer, or in a landfill approved for pesticides.

CONTAINER DISPOSAL: Triple rinse and deposit in a waste container for incineration or in a landfill approved for pesticide containers.

GENERAL: Consult Federal, State, or Local disposal authorities for approved alternative procedures such as limited open burning. If frozen thaw and remix before use.

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