

DIRECTIONS FOR USE

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

This product is not for use on medical device surfaces.

DISINFECTION / CLEANING / DEODORIZING DIRECTIONS:

Remove heavy soil deposits from surface. Then thoroughly wet surface with a use-solution of 1/2 oz. of the concentrate per gallon of water. The use-solution can be applied with a cloth, mop, sponge, or coarse spray, or soaking. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface, rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes. Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

FUNGICIDAL DIRECTIONS: For use in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities follow disinfection directions.

MILDEWSTATIC INSTRUCTIONS: KNAPP VIREX will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard non-porous surfaces such as walls, floors, and table tops. Apply use-solution of 1/2 ounce per gallon of water with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears. KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) OF PRECLEANED, 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/body fluids, and in which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV). SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OR HBV OR HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: Disposable protective gloves, gowns, face masks, or eye coverings as appropriate must be worn during all cleaning of blood/body fluids and during decontamination procedures. **CLEANING PROCEDURES:** Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of disinfectant. **CONTACT TIME:** HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25°C (77°F) (room temperature). HBV and HCV are inactivated after a 10 minute contact time. Use a 10-minute contact time for all other viruses, fungi, and bacteria listed.

DISPOSAL OF INFECTIOUS MATERIALS: Blood/body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOO / PET SHOP / KENNELS DISINFECTION DIRECTIONS: For cleaning and disinfecting hard nonporous surfaces; equipment used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 1/2 oz. of this product per gallon of water (or equivalent dilution) for a period of 10 minutes. Wipe or allow to air dry. Ventilate buildings and other closed spaces. Thoroughly scrub all treated surfaces that come into contact with food, including equipment used for feeding or watering, with soap or detergent and rinse with potable water before reuse. Do not house animals or employ equipment until treatment has been absorbed, set or dried. FOR CANINE PARVOVIRUS ACTIVITY: This product is effective against Canine Parvovirus at 2 oz. per gallon. Follow Veterinary Practice/Animal Care/Animal Laboratory/Zoos/Pet Shop/Kennels Disinfection Directions.

KNAPP VIREX

one-step disinfectant germicidal, detergent & deodorant

Pseudomonacidal, Staphylocidal, Salmonellacidal, Virucidal Bactericidal, Fungicidal, Mildew Static, Disinfectant

ACTIVE INGREDIENTS: Didecyl dimethyl ammonium chloride	10.14%
n-Alkyl (C14-50%, C12-40%, C10-10%) dimethyl benzyl ammonium chloride	6.76%
INERT INGREDIENTS	83.10%
Total	100.00%

Recommended for use in hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, tack shop, pet shops, airports, kennels, hotels, motels, breeding establishments. Disinfects, cleans, and deodorizes floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, plastic surfaces (such as poly-propylene, polystyrene, etc.), and other hard, nonporous surfaces. A multipurpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400ppm (calculated as CaCO₃) in the presence of a moderate amount of soil (5% organic serum) according to the AOC Use-Dilution Test. Disinfects, cleans, and deodorizes in one labor-saving step.

Net Contents: 1 Gallon (3.78 Liters)

Dilution 1:256 (660 ppm quat) 1/2 ounce per gallon of water

KEEP REACH OUT OF CHILDREN

DANGER

See side panel for Precautionary Statements and First Aid.
EPA REG.NO.47371-129-24909 EPA EST.NO.24909-CA-01



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER; CORROSIVE: Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber or chemical resistant). Harmful if inhaled. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children. Do not reuse empty container. Wrap and discard in trash or recycle.

Effective against the following pathogens:

BACTERIA

Pseudomonas aeruginosa
Staphylococcus aureus
Salmonella choleraesuis
Acinetobacter calcoaceticus
Serratia bronchiseptica
Chlamydia psittaci
Enterobacter aerogenes
Enterobacter cloacae
Enterococcus faecalis-Vancomycin Resistant (VRE)
Escherichia coli
Fusobacterium necrophorum
Klebsiella pneumoniae
Legionella pneumophila
Listeria monocytogenes
Pasteurella multocida
Proteus mirabilis
Proteus vulgaris
Salmonella enteritidis

Salmonella typhi
Salmonella typhimurium
Shigella flexneri
Shigella sonnei
Staphylococcus aureus - Methicillin resistant (MRSA)
Staphylococcus aureus - Vancomycin Intermediate Resistant (VISA)
Staphylococcus epidermidis
Streptococcus faecalis
Streptococcus pyogenes

*ATCC & antibiotic-resistant strain
*antibiotic-resistant strain only

FUNGI

Aspergillus niger
Candida Albicans
Trichoglyton mentagrophyte

VIRUS

*Adenovirus Type 4

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

*Hepatitis B Virus (HBV)

*Hepatitis C Virus (HCV)

*Herpes Simplex Type 1

*Herpes Simplex Type 2

*Human coronavirus

*HIV-1 (AIDS virus)

*Influenza A / Hong Kong

*Mumps

*Rubella (German Measles)

*Respiratory Syncytial Virus (RSV)

*Asian polyomavirus

*Canine distemper

*Canine parvovirus - at 2 oz. per gallon

*Feline leukemia

*Feline pneumovirus

*Infectious bovine rhinotracheitis

*Infectious bronchitis (Avian IBV)

*Pseudorabies (PRV)

*Rabies

*Transmissible gastroenteritis virus (TGE)