



A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor-saving step. Recommended for use in hospitals, nursing homes, schools, commercial and industrial institutions and veterinary clinics.

**DIRECTIONS FOR USE**

**DISINFECTION / CLEANING / DEODORIZING DIRECTIONS:** Remove heavy soil deposits from surface. Then thoroughly wet surface with a use-solution of ½ 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.

**\*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 I (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.

**Active Ingredients:**

Didecyl dimethyl ammonium chloride ..... 10.14%  
n-Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%) dimethyl benzyl ammonium chloride..... 6.76%

Effective in 400 ppm hard water and 5% blood serum at a dilution of 1:256 against the following organisms:

<p><i>(Bacteria:)</i>  Pseudomonas aeruginosa<sup>1</sup>  Staphylococcus aureus<sup>1</sup>  Salmonella choleraesuis  Acinetobacter calcoaceticus  Bordetella bronchiseptica  Chlamydia psittaci  Enterobacter aerogenes  Enterobacter cloacae  Enterococcus faecalis  Vancomycin Resistant (VRE)  Escherichia coli<sup>1</sup>  Fusobacterium necrophorum  Klebsiella pneumoniae<sup>1</sup>  Legionella pneumophila  Listeria monocytogenes  Pasteurella multocida  Proteus mirabilis  Proteus vulgaris  Salmonella enteritidis  Salmonella typhi  Salmonella typhimurium</p>	<p>Serratia marcescens  Shigella flexneri  Shigella sonnei  Staphylococcus aureus – Methicillin resistant (MRSA)  Staphylococcus aureus – Vancomycin Intermediate Resistant (VISA)  Staphylococcus epidermidis<sup>2</sup>  Streptococcus faecalis<sup>1</sup>  Streptococcus pyogenes  <sup>1</sup> ATCC &amp; antibiotic-resistant strain  <sup>2</sup> antibiotic-resistant strain only</p> <p><i>(Viruses:)</i>  *Adenovirus Type 4  *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  *Vaccinia  *Rubella (German Measles)  *Respiratory Syncytial Virus (RSV)</p>	<p><i>(Animal Viruses:)</i>  *Avian polyomavirus  *Canine distemper  *Feline leukemia  *Feline picornavirus  *Infectious bovine rhinotracheitis  *Infectious bronchitis (Avian IBV)  *Pseudorabies (PRV)  *Rabies  *Transmissible gastroenteritis virus (TGE)</p> <p><i>(Fungi:)</i>  Aspergillus niger  Candida albicans  Trichophyton mentagrophytes</p>
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**BACTERICIDAL STABILITY OF USE-DILUTION:** Tests confirm that Formulation HWS-256, when diluted in 400 ppm hard water (via use of automatic dispensing devices), remains effective against Pseudomonas aeruginosa, Staphylococcus aureus and Salmonella choleraesuis for up to 6 months when stored in a sealed container such as a spray bottle. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails.

<p><b>Concentrate:</b>  pH: 7.2 – 8.2  Flash Point: &gt; 200°F  Solubility in water: Soluble  Specific Gravity: 1.0 (water=1)  Viscosity: Not known  Appearance: Clear Liquid (appearance depends upon optional dye added)  Fragrance: Varies with fragrance added (if any)</p>	<p><b>Precautionary Summary*</b>  <b>Concentrate:</b>  Eye Contact: Corrosive to eyes  Skin contact: Corrosive  Inhalation:</p>	<p><b>Ready-To-Use</b>  Eye Contact: Mild eye irritant  Skin Contact: Mild skin irritant  Inhalation: Upper respiratory irritant</p>
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\*Refer to product Material Safety Data Sheet for specific health hazard, first aid and precautionary information.

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