

# AIRX 44<sup>ACE</sup>

## DISINFECTANT CLEANER AND ODOR COUNTERACTANT

Disinfectant • Virucide\* • Fungicide

AIRX 44 ACE is a one-step disinfectant that is effective against a broad-spectrum of bacteria, is virucidal\* including HIV-1, HBV and HCV and inhibits the growth of mold and mildew and their odors when used as directed. Cross-contamination is of major housekeeping concern not only in hospitals, but also in institutions and industry. AIRX 44 ACE has been formulated to aid in the reduction of cross-contamination on treated surfaces. It is EPA registered to kill HIV1, MRSA and many other pathogenic organisms. Too little won't kill, more is a waste. Apply liberally to thoroughly wet

the surface. Allow to stay wet for 10 minutes to kill germs. Excellent for use when there is a likelihood of contamination by blood or body fluids with the potential for transmission of HIV-1, HBV and HCV. AIRX 44 ACE is particularly suitable for use in water damage restoration. It can be used as a deodorizer against water damage on carpets, carpet cushions upholstery, drapes and other porous materials, sub floors, drywall, trim and frame lumber, tackless strip and paneling.



### Description

A concentrated detergent, disinfectant, fungicide, virucide and odor counteractant especially formulated for use in cleanup of surfaces contaminated by blood or body fluids with the potential for transmission of HIV (virus that causes AIDS), HBV, HCV and for general use where cross infection from other organisms is of major housekeeping concern.

### Uses

For use in health care settings or other settings in which there is an expected likelihood of soiling of hard, non-porous 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), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

### Benefits

Kills HIV, HBV and HCV on pre-cleaned hard, non-porous surfaces/objects previously soiled with blood/body fluids. Kills Pandemic 2009 H1N1 Influenza A Virus.

NEUTRAL pH - Especially formulated to avoid a film or the dulling of high gloss floors.

DEODORIZING - Eliminates odors caused by bacteria, mold and mildew. Neutralizes odors from oxidation with special Airx odor counteractants.



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**DETERGENCY** - Superior wetting and detergency assures excellent cleaning. Cuts through soils that surround bacteria to assist the germicides in reaching the cell wall.

**HARD WATER TOLERANCE** - Effective in hard water up to 400 ppm hardness {calculated as Ca CO<sub>3</sub>} in the presence of 5% soil.

## Directions

**FOR USE AS A GENERAL DISINFECTANT CLEANER** - Mix two ounces of AIRX 44 ACE per gallon of water. Apply with brush, cloth, mop, sponge, auto scrubber, mechanical spray device or by immersion.

## Germicidal Efficacy

**IN INSTITUTIONS SUCH AS HOSPITALS AND NON-MEDICAL FACILITIES** - AIRX 44 ACE kills the following organisms in 10 minutes at 2 oz. per gal. of water and 5% soil on hard, non-porous surfaces: *Escherichia coli* (ATCC 11229), *Enterococcus faecalis* (ATCC 19433), *Klebsiella pneumoniae* (ATCC 13883), *Pseudomonas aeruginosa* (ATCC 15442), *Salmonella enterica* (ATCC 23564), *Salmonella typhi* (ATCC 6539), *Staphylococcus aureus* (ATCC 6538), *Methicillin Resistant Staphylococcus aureus* (MRSA) (ATCC 33592), *Enterococcus faecalis* (Vancomycin Resistant) (VRE) (ATCC 51299), *Staphylococcus aureus* (Vancomycin Intermediate Resistant) (VISA) (HIP 5836)}, Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Virus Type 1 (VR-733), Herpes Simplex Virus Type 2 (VR-734), Human Coronavirus (VR-740), Human Immunodeficiency Virus Type 1 (HIV 1) (AIDS Virus), Influenza A Virus (VR-544), Respiratory Syncytial Virus (VR-26), Vaccinia Virus (VR-119) and other organisms listed on the label.

**IN ANIMAL PREMISES** - AIRX 44 ACE kills the following viruses in 10 min. at 2 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Avian Infectious Bronchitis Virus (Strain Beaudette IB42), Avian Influenza A Virus (H5N1), Avian Influenza A Virus (H3N2) (VR-2072), Canine Coronavirus, Canine Distemper Virus (VR-128), Feline Picornavirus (VR-649) Infectious Bovine Rhinotracheitis Virus (VR-188), Pseudorabies Virus (VR-135), Swine Influenza A Virus (H1N1) (VR-333), and Transmissible Gastroenteritis Virus (TGE). In 10 min. At 8 oz. per gal of water, AIRX 44 ACE also kills the following viruses: Canine Parvovirus (CPV), Rabies, and Porcine Parvovirus (VR-742).

**AS A FUNGICIDE** - AIRX 44 ACE is effective against: *Candida albicans* (ATCC 10231), *Trichophyton mentagrophytes* (ATCC 9533) (athlete's foot fungus).

**AS A MILDEWSTAT** - AIRX 44 ACE is effective against: *Aspergillus niger* (ATC16404).

## Specifications

|   |                                   |
|---|-----------------------------------|
| <b>ACTIVE INGREDIENTS -</b>                     |                                   |
| Didecyl Dimethyl Ammonium Chloride.....         | 2.54%                             |
| Alkyl (50% C14, 40% C12, 10% C16)               |                                   |
| Dimethyl Benzyl Ammonium Chloride .....         | 1.69%                             |
| <b>OTHER INGREDIENTS -</b>                      |                                   |
| Includes detergents and odor counteractant..... | 95.77%                            |
| <b>TOTAL</b> .....                              | 100.00%                           |
| <b>TYPE GERMICIDES</b> .....                    | Dual quaternary blend             |
| <b>ODOR COUNTERACTANT</b> .....                 | Airx proprietary additive         |
| <b>COLOR</b> .....                              | Green                             |
| <b>pH CONCENTRATE</b> .....                     | 7.0                               |
| <b>pH 1:64 DILUTION</b> .....                   | 7.0                               |
| <b>VISCOSITY</b> .....                          | Free flowing liquid, 6 cps ±3     |
| <b>FOAMING</b> .....                            | Low, fast breaking                |
| <b>FILM RESIDUE</b> .....                       | None                              |
| <b>BIODEGRADABLE</b> .....                      | Yes, both detergents & germicides |
| <b>SHELF LIFE</b> .....                         | 1 year                            |
| <b>REFRACTIVE INDEX</b> .....                   | 1.3455 ± 0.0015                   |
| <b>SPECIFIC GRAVITY (Gm/MI)</b> .....           | 1.00 ± 0.01                       |
| <b>DENSITY (Lb/Gal)</b> .....                   | 8.35 ± 0.05                       |
| <b>EPA REGISTRATION NO.</b> .....               | 10324-154-44089                   |

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