

AIRX44+

CONCENTRATED DISINFECTANT CLEANER

AIRX 44 Plus combines highly effective quaternary ammonium compounds with modern synthetic detergents, emulsifiers, builders, water conditioners and Airicide™ odor counteractants in one product. It is an excellent cleaner though neutral in pH to avoid dulling high gloss floors. AIRX 44 Plus is qualified for hospital use by its effectiveness against a wide range of gram negative and gram positive bacteria including *Pseudomonas aeruginosa*, *Salmonella*, *Staphylococcus aureus*, and MRSA. It is EPA registered to kill Human Immunodeficiency Virus Type 1 (AIDS virus) and it is recommended for ready availability as a pre-cleaner and disinfectant where there is a likelihood of contamination by blood or body fluids with the potential for transmission of HIV, HBV, HCV. AIRX 44 Plus is a super concentrate, and thus lends itself to convenient packaging, handling, storage and use.

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 (AIDS virus), HBV, HCV and for general use where cross infection from other organisms is of major housekeeping concern.

BENEFITS

KILLS HIV 1 (AIDS VIRUS), HBV, HCV on pre-cleaned hard surfaces contaminated with blood or body fluids.

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

DEODORIZING - Eliminates odors from mold, mildew and decomposition by killing putrefactive bacteria. Neutralizes odors from oxidation with special AIRX Odor Counteractants.

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 - 100% amphoteric detergent base. Absence of soap results in highest tolerance to hard water of any type of disinfectant.

USES

For use in health care facilities, ambulances, jails and other settings with likelihood of soiling of inanimate surfaces with HIV (AIDS virus), HBV, HCV blood or body fluids. In other areas for general cleaning, disinfecting and deodorizing of surfaces such as floors, walls, tables, counter tops, sinks, bed frames, toilets, shower stalls, tile and grout, drinking fountains.

GERMICIDAL EFFICACY

Tested at 2 oz per gallon in the presence of 5% organic blood serum and 500 ppm water hardness (calculated as CaCO₃) AIRX 44 Plus is effective against:

EPA OFFICIAL TEST ORGANISMS FOR USE IN HOSPITALS - *Staphylococcus aureus* (methicillin resistant) (MRSA), Adenovirus Type 4, Hepatitis B (HBV) & C (HCV), Herpes Simplex Type 1&2, HIV-1, Human Coronavirus, Influenza A/ Hong Kong, Rubella, Rabies, Respiratory Syncytial virus, Vaccinia, Avian Infectious Bronchitis virus, Avian Polyomavirus, Canine Distemper, Feline Leukemia Virus and Picornavirus, Infectious Bovine Rhinotracheitis, Pseudorabies Virus, Transmissible Gastroenteritis.

A BROAD RANGE OF ANTIBIOTIC RESISTANT BACTERIA AND OTHER PATHOGENIC BACTERIA & FUNGI (See Efficacy Data Sheet)



EDMONTON
14704 - 119 Ave
T5L 2P1
(780) 451-1516

CALGARY
6025 - 6 St. S.E.
T2H 1L8
(403) 640-4664

LETHBRIDGE
210C - 12A St. N.
T1H 2J1
(403) 327-1531

GRANDE PRAIRIE
#105 - 9638 - 115 St.
T8V 5W2
(780) 532-8766

FORT MCMURRAY
Bay H, 254 Gregoire Dr.
T9H 4K6
(780) 791-3466

AIRX44+

CONCENTRATED DISINFECTANT CLEANER

DIRECTIONS

FOR GENERAL CLEANING AND DISINFECTING

Mix two ounces of AIRX 44 Plus per gallon of water. Apply liberally with cloth, mop or sprayer. When removing heavy soil or organic matter, use as above, pick up dirty solution and reclean surface. Prepare a fresh solution daily or when use dilution becomes visibly dirty.

FOR USE AGAINST HIV (AIDS VIRUS), HBV, HCV

Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant. See label on container for details regarding cleaning procedures, personal protection, disposal of infectious material, etc.

SPECIFICATIONS

ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride 2.54%

n-Alkyl (C₁₄ 50%, C₁₂ 40%, C₁₆ 10%) dimethyl benzyl ammonium chloride 1.69%

INERT INGREDIENTS - Includes detergents and odor counteractant 95.77%

TYPE GERMICIDES Dual quaternary blend

TYPE DETERGENTS Amphoteric

ODOR COUNTERACTANT AIRX proprietary additive

COLOR Green

pH CONCENTRATE 7.0

pH 1:64 DILUTION 7.0

VISCOSITY Free flowing liquid, 6cps ± 3

FOAMING Low, fast breaking

FILM RESIDUE None

SOLUBILITY IN WATER Mixes readily in hot or cold

BIODEGRADABLE Yes, both detergents & germicides

SHELF LIFE 2 years minimum

REFRACTIVE INDEX 1.3455 ± 0.0015

SPECIFIC GRAVITY (g/mL) 1.00 ± 0.01

DENSITY (Lb/gal) 8.35 ± 0.05

FLASH POINT None

DISCOLORATION Non-staining

EPA REGISTRATION NO. 47371-131-44089

EDMONTON
14704 - 119 Ave
T5L 2P1
(780) 451-1516

CALGARY
6025 - 6 St. S.E.
T2H 1L8
(403) 640-4664

LETHBRIDGE
210C - 12A St. N.
T1H 2J1
(403) 327-1531

GRANDE PRAIRIE
#105 - 9638 - 115 St.
T8V 5W2
(780) 532-8766

FORT MCMURRAY
Bay H, 254 Gregoire Dr.
T9H 4K6
(780) 791-3466