

AIRX78

CONCENTRATED DISINFECTANT CLEANER

AIRX 78 combines highly effective quaternary ammonium compounds with modern synthetic detergents, emulsifiers, builders, water conditioners and AIRX odor counteractants. It is effective against a wide range of both gram positive and gram negative organisms and kills bacteria fungus and virus* as it cleans. Passes the most recent requirements for biocidal activity and tolerance to organic soil. Specifically recommended for hospital and institutional use.

AIRX 78 is a super concentrated complex of germicides and detergents and thus lends itself to convenient packaging, handling and storage. With the Portionaid device it provides precise portion control at minimum cost.

DESCRIPTION

A concentrated detergent, disinfectant, sanitizer, fungicide, virucide* and odor counteractant, especially formulated to meet hospital and institutional requirements. Ideal as well for use in nursing homes, schools, industry and other facilities where cross contamination is of major housekeeping concern.

USES

For general cleaning, disinfecting and deodorizing of hard surfaces such as floors, walls, tables, counter tops, sinks, bed

frames, toilets, shower stalls, tile and grout, telephones, drinking fountains.

FEATURES

PORTION CONTROL - The Portionaid can be used to provide the exact dilution required for mixing different amounts of disinfecting solution or doing different cleaning jobs.

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

ANIONIC TOLERANCE - Contains EDTA for removal of film left by other cleaners.

TOXICITY - Non-irritating to the skin and hands at use-dilutions. Less irritating than phenolic type disinfectants.

DIRECTIONS

DISINFECTION - of hard surfaces (walls, floors, etc.), add 1 part per 124 parts wa-

ter. Allow solution to wet all surfaces thoroughly and remain wet for 10 minutes. Let air dry. To disinfect toilet bowls, flush toilet, add 38 mL of AIRX 78 directly to bowl water. Swab completely making sure to get under rim. Let stand 10 minutes, flush. For heavily soiled surfaces a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 1 part AIRX 78 to 124 parts water. Wet surfaces completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

SANITIZING - To sanitize pre-cleaned, rinsed, non-porous food contact surfaces, prepare 200 ppm active QUAT solution by adding 1 part AIRX 78 to 450 parts water. Allow solution to contact surface for at least 60 seconds. Let air dry. Prepare fresh solution each use.



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

AIRX78

CONCENTRATED DISINFECTANT CLEANER

SPECIFICATIONS

GUARANTEE:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chlorides.....4.5%

n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides.....4.5%

TYPE GERMICIDES..... dual quaternary blend

TYPE DETERGENTS.....non-ionic

ODOR COUNTERACTANTS.....AIRX proprietary additive

COLOR..... orange

pH-CONCENTRATION..... 11.7

pH-1:124 DILUTION..... 10.9

VISCOSITY..... water thin

FOAMING..... low, fast breaking

FILM RESIDUE..... none

PHOSPHATE CONTENT..... none

SOLUBILITY IN WATER..... mixes readily in hot or cold

CLEANING EFFICIENCY INDEX..... 97% (CGSB 2GP-11m Test Method 20.3a)

FREEZE-THAW STABILITY..... no degradation

BIODEGRADABLE.....yes, both detergents & germicides

FLOOR CONDUCTIVITY..... no adverse effects

SHELF LIFE..... 2 years, minimum

REFRACTIVE INDEX (BRIX)..... 28.4

SPECIFIC GRAVITY..... 1.04

FLASH POINT..... none

DISCOLORATION..... non-staining

P.C.P. AND D.I.N. NUMBERS REGISTERED

GERMICIDAL EFFICACY:

When tested at 1 part per 124 parts water, in the presence of 5% blood serum, AIRX 78 has been found to be effective against the following bacteria:

Pseudomonas aeruginosa.....ATCC #15442.....180/180

Staphylococcus aureus.....ATCC #6538.....180/180

Salmonella choleraesuis.....ATCC #10708.....180/180

Escherichia coli.....ATCC #11229.....20/20

Klebsiella pneumoniae.....ATCC #4352.....20/20

Enterobacter aerogenes.....ATCC #13048.....20/20

Shigella dysenteriae.....ATCC #12180.....20/20

Salmonella schottmuelleri.....ATCC #8759.....20/20

Streptococcus faecalis.....ATCC #10541.....20/20

Brevibacterium ammoniagenes.....ATCC #6871.....20/20

Streptococcus salivarius.....ATCC #9222.....20/20

FUNGICIDAL EFFECTIVENESS: Kills Trichophyton mentagrophytes (athlete's foot) at 1 part per 124 parts water in the presence of 5% blood serum.

*VIRUCIDAL EFFECTIVENESS: At 1 part per 124 parts water use-dilution, AIRX 78 was evaluated in the presence of 5% blood serum and was found to be effective against the following viruses:

Adeno virus type 2 (a cause of acute respiratory infection)

Adeno virus type 5 (a cause of acute respiratory infection)

Influenza A₂ (the Hone Kong flue virus)

Herpes Simplex (a cause of infectious mononucleosis)

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