

AIRX44

CONCENTRATED DISINFECTANT CLEANER

AIRX 44 meets rigid AOAC efficacy standards for hospital use. Ideal as well for use in nursing homes, institutions, schools, veterinary hospitals — anywhere that cross-contamination is of concern. AIRX 44 cleans, disinfects, sanitizes and is virucidal when used as directed. It contains a dual quaternary ammonium compound for effectiveness against a broad range of both gram positive and gram negative microorganisms, and it meets the most recent requirements for biocidal activity and tolerance to organic soil.

AIRX 44 is particularly unique in its ability to counteract malodors. It kills fungus and putrefactive bacteria that are the cause of foul odors from mildew, decomposition and decay. And AIRX 44 contains Airicide™ the exclusive odor counteractant that neutralizes odors from oxidation reduction.

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.

FEATURES

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.

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.

DIRECTIONS

DISINFECTION - of hard surfaces (walls, floors, etc.), add 1 part per 62 parts water.

Allow solution to wet all surfaces thoroughly and remain wet for 10 minutes. Let air dry. To disinfect toilet bowls, flush toilet, add 70mL of AIRX 44 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 44 to 62 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 200ppm active QUAT solution by adding 1 part AIRX 44 to 225 parts water. Allow solution to contact surface for at least 60 seconds. Let air dry. Prepare a fresh solution for 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

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SPECIFICATIONS

GUARANTEE:

n-Alkyl (60% C ₁₄ , 30% C ₁₅ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides.....	2.25%
n-Alkyl (65% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides.....	2.25%
TYPE GERMICIDES.....	dual quaternary blend
TYPE DETERGENTS.....	non-ionic
ODOR COUNTERACTANTS.....	AIRX proprietary additive
COLOR.....	green
pH-CONCENTRATION.....	11.1
pH-1:62 DILUTION.....	10.8
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.....	92.6% (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).....	16.8
SPECIFIC GRAVITY.....	1.03
FLASH POINT.....	none
DISCOLORATION.....	non-staining

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

GERMICIDAL EFFICACY:

When tested at 1 part per 62 parts water, in the presence of 5% blood serum, AIRX 44 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 62 parts water in the presence of 5% blood serum.

*VIRUCIDAL EFFECTIVENESS: At 1 part per 62 parts water, use-dilution, AIRX 44 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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