



PROFESSIONAL GRADE
ODOR CONTROL

KILLS HIV-1 ON HARD SURFACES CONTAMINATED WITH BLOOD OR BODY FLUIDS



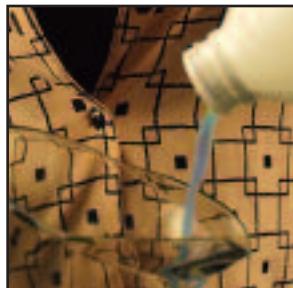
RX 109A SUPER CONCENTRATE DISINFECTANT, VIRUCIDE*, CLEANER

RX 109A combines highly effective quaternary ammonium germicides with modern synthetic detergents, emulsifiers, builders, and AIRICIDE® Odor Counteractant in one highly concentrated product...RX 109A is classified by the U.S. Environmental Protection Agency (EPA) as a general purpose disinfectant because it kills a wide range of both gram negative and gram positive bacteria and fungi. It is also EPA qualified for use in hospitals

because of its effectiveness against the hard to kill germ *Pseudomonas aeruginosa* and *Human Immunodeficiency Virus Type 1 (HIV-1)* (associated with AIDS). Additionally it is recommended for cleaning and disinfecting where there is a likelihood of contamination by blood or body fluids. RX 109A delivers all those benefits when used at only one half ounce per gallon of water, and even in water with the presence of 5% blood serum.



Qualified for use in hospitals and ideal for use elsewhere.



Super concentrate. Use only 1/2 ounce per gallon of water.



Effective in both hard or soft and hot or cold water.



Holds its germicidal ability even as solution picks up soil.

RX 109A DISINFECTANT, VIRUCIDAL* CLEANER

DESCRIPTION

A highly concentrated detergent, disinfectant, fungicide, virucide* and odor counteractant formulated to meet rigid hospital requirements even when used in hard water contaminated by organic soil.

USES

For general cleaning, disinfecting, and deodorizing of hard surfaces such as floors, walls, tables, countertops, sinks, bed frames, toilets, shower stalls, tile and grout, telephones, drinking fountains, etc. For use in hospitals, nursing homes, institutions, industrial plants, schools, restaurants, stores, clubs – wherever cross-contamination is of concern.

BENEFITS

HIGHLY CONCENTRATED – At one half ounce per gallon of water RX 109A is the most concentrated disinfectant cleaner available for general house-keeping use.

DETERGENCY – Superior wetting and detergency assures excellent cleaning. RX 109A cuts through soils that harbor bacteria to assure that the germicides will reach the cell wall.

HARD WATER TOLERANCE – 100% non-ionic detergent base, plus special chelating agents to maintain hospital-use effectiveness.

ORGANIC SOIL TOLERANCE – Maintains hospital-use effectiveness even as the mixed solution becomes loaded with soil (5% blood serum).

ANIONIC TOLERANCE – For removal of film left by other cleaners.

DEODORIZING – Eliminates odors from mold, mildew and decomposition by killing a broad range of putrefactive organisms, while *AIRICIDE*® cancels unpleasant odors that are already in the air.

SPECIFICATIONS

TYPE GERMICIDESdual quaternary
 TYPE DETERGENTSnon-ionic
 BIODEGRADABILITYcomplete, both germicides and detergents
 USE DILUTION FOR DISINFECTING1:256
 TOTAL QUATERNARIES AT 1:256488 ppm
 pH CONCENTRATE10.0 ± 0.5
 STABILITY IN STORAGEminimum 1 year at room temperature
 FREEZE THAW STABILITYno effect from extreme heat or cold
 SOLUBILITY IN WATERmixes readily in hot or cold water
 FOAMING, READY TO USElow, fast breaking
 FLOOR CONDUCTIVITYstatic dissipative
 FLASH POINTno flash
 EPA REGISTRATION NUMBER1839-97-44089

GERMICIDAL EFFICACY

ACTIVE INGREDIENTS

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
 dimethyl benzyl ammonium chlorides 6.25%
 n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl
 ethylbenzyl ammonium chlorides 6.25%

When tested at one half ounce per gallon, in warm water and in the presence of organic soil (5% blood serum) RX 109A has been found to be effective against the following bacteria.

Pseudomonas aeruginosa	ATCC #15442	60/60
Staphylococcus aureus	ATCC #6538	60/60
Salmonella choleraesuis	ATCC #10708	60/60
Escherichia coli	ATCC #11229	10/10
Klebsiella pneumoniae	ATCC #4352	10/10
Enterobacter aerogenes	ATCC #13048	10/10
Shigella dysenteriae	ATCC #12108	10/10
Salmonella schottmuelleri	ATCC #8759	10/10
Streptococcus faecalis	ATCC #10541	10/10
Brevibacterium ammoniagenes	ATCC #6871	10/10
Streptococcus salivarius	ATCC #9222	10/10

***VIRUCIDAL EFFECTIVENESS:** The RX 109A formulation, diluted at 1/2 ounce per gallon in water in the presence of 5% blood serum was found to be effective against the following viruses:

Human Immunodeficiency Virus Type 1 (HIV-1)	<i>(associated with AIDS)</i>
Adenovirus Type 5	<i>(causative agent of upper respiratory infections)</i>
Influenza A2/Asian	<i>(representative of the common flu virus)</i>
Herpes Simplex	<i>(causative agent of fever blisters)</i>
Vaccinia virus	<i>(representative of the Pox virus group)</i>

DISTRIBUTED BY: