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M&R

CHEMICALS SPECIALTIES

VIRA-CLEAN

Highly Concentrated Germicide
Based on a Unique Blend of Quaternaries
with Organic Soil Load Tolerance

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstatic-Virucide*-Deodorizer for Hospitals
Institutional and Industrial Use

COMMERCIAL

DANGER

POISON CORROSIVE

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

DIN NO. 613711

REGISTRATION NO. 18234

PEST CONTROL PRODUCTS ACT

GUARANTEE

Octyl Decyl Dimethyl Ammonium Chloride	3.750%
Dioctyl Dimethyl Ammonium Chloride	1.875%
Didecyl Dimethyl Ammonium Chloride	1.875%
Alkyl (C12, 40% C14, 50% C16, 10%)	
Dimethyl Benzyl Ammonium Chloride	5.000%

Net Contents

MANUFACTURED BY:
M & R CHEMICAL SPECIALTIES INC.
1635 Sismet Road, Unit 13
Mississauga, Ontario
L4W 1W5

Directions for Use

VIRA-CLEAN is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply VIRA-CLEAN to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Hospital Disinfection - to disinfect hard, non-porous surfaces, add 4 ml/L of water. Treated surfaces must remain wet for 10 minutes. At this use-level, VIRA-CLEAN is also virucidal and fungicidal.

Sanitizing: To sanitize porous or non-porous, non-food contact surfaces, add 1.5 ml/L of water.

4 ml/L use-level. The broad spectrum activity of VIRA-CLEAN has been evaluated in the presence of 5% serum and found to effective against the following by the AOAC Use-Dilution test.

Pseudomonas aeruginosa, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, *Klebsiella pneumoniae*, *Enterobacter aerogenes*, *Salmonella schottmuelleri*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Brevibacterium ammoniagenes*.

AOAC Fungicidal Test

VIRA-CLEAN is effective against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, etc.

Mildewstatic Performance. At 4 ml/L VIRA-CLEAN will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance *At 4ml/L use-level. VIRA-CLEAN was evaluated in the presence of 10% serum and found to be effective against the following viruses. Herpes Simplex (a member of the virus family that causes infectious mononucleosis), Vaccinia

(representative of the pox viruses), and Influenza A2 (the Hong Kong flu virus) on inanimate environmental surfaces.

Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.). At 1.5 ml/L use-level, 30 second contact time, VIRA-CLEAN is an effective sanitizing agent in waters of up to 600 ppm hardness against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry VIRA-CLEAN is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination from environmental surfaces.

When used as directed, VIRA-CLEAN will deodorize toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and will inhibit the growth of mold and mildew and their odors when used as directed.

This product is economical to use because it is highly concentrated and should be handled with care.

Precautionary Statements

KEEP OUT OF REACH OF CHILDREN. DANGER-CORROSIVE TO EYES. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD.

Container Disposal

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR REGULAR TRASH COLLECTION.

FIRST-AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

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