

ACCEPTED
JUN 24 1987
Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 421-434

Precautionary Statements - Hazards to Humans & Domestic Animals

DANGER: KEEP OUT OF REACH OF CHILDREN: Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STATEMENT OF PRACTICAL TREATMENT: 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 a physician immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Keep container closed when not in use. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Cross-contamination is of major concern not only in hospitals, but in schools, institutions and industry. This quaternary ammonium cleaner-disinfectant 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, this quaternary ammonium cleaner-disinfectant 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.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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

Apply this quaternary ammonium cleaner-disinfectant to walls, floors and other hard (inanimate), non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or coarse spray 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. At a 2 oz. per gallon of water dilution this product has been found to have excellent cleaning ability. For heavily soiled areas it can effectively be used to remove gross filth prior to further use as an antimicrobial-cleaner-deodorizer.

Disinfection: To disinfect hard, non-porous surfaces: Add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, this quaternary ammonium cleaner-disinfectant is also virucidal and fungicidal.



**# 25 QUATERNARY
AMMONIUM
CLEANER - DISINFECTANT**

**Disinfectant - Cleaner - Sanitizer - Fungicide
Mildewstat - Virucide* - Deodorizer for Hospitals**

INSTITUTIONAL & INDUSTRIAL USE

ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride 3.750%

Dioctyl dimethyl ammonium chloride 1.500%

Didecyl dimethyl ammonium chloride 2.250%

n-Alkyl (C₁₄ 50%; C₁₂ 40%; C₁₆ 10%)

dimethyl benzyl ammonium chloride 5.000%

INERT INGREDIENTS..... 87.500%

EPA Reg. No. 421-434 EPA Est. No. 421-MO-01

KEEP OUT OF REACH OF CHILDREN

DANGER

(See side panel for additional precautionary statements.)

NET CONTENTS:

CODE

1023

A PRODUCT OF
JAMES VARLEY & SONS, INC.
ST. LOUIS, MO 63147 • 1-800-325-3303
MADE IN THE USA

Sanitizing: To sanitize porous or non-porous, non-food contact surfaces. Add 1/4 oz. per gallon of water.

2 oz. per gallon use-level: The broad spectrum activity of this quaternary ammonium cleaner-disinfectant has been evaluated in the presence of 5% serum and found to be effective against the following by the A.O.A.C. Use-Dilution Test.

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

A.O.A.C. Fungicidal Test: This quaternary ammonium cleaner-disinfectant 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.

Mildewstatic Performance: At 2 oz. per gallon, this quaternary ammonium cleaner-disinfectant will effectively inhibit the growth of mold and mildew and 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 2 oz. per gallon, this quaternary ammonium cleaner-disinfectant was evaluated in the presence of 10% serum and found to be effective against the following viruses: Herpes Simplex Type 1 and Type 2 (a member of the virus family that causes infectious mononucleosis), Vaccinia (representative of the pox viruses), and Influenza A2 (the Hong Kong flu virus) and HIV-1 (AIDS virus) on hard, non-porous, inanimate environmental surfaces.

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.): At 1/3 oz. per 2 gallons use-level, 30 second contact time, this quaternary ammonium cleaner-disinfectant 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.

***KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** In health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS

CONTACT TIME: Leave surface wet for 10 minutes with 2 oz. per gallon use-solution.

CLEANING PROCEDURE: Blood and other body fluids containing HIV must be thoroughly cleaned from surfaces/objects before application of #25 QUATERNARY AMMONIUM SOLUTION.

PERSONAL PROTECTION: Clean up should always be done wearing protective latex gloves, gowns, masks and eye protection.

DISPOSAL OF INFECTIOUS MATERIAL: Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Alternate Label

PM 31

421-434

6/24/97

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