

PM-311

Reg # 1677-96

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 21 1995

Ecolab, Inc.
Ecolab Center
370 Wabash Street
St. Paul, MN 55102

Attention: Ann M. Oxford
Manager, Regulatory Services


Subject: Q-Quat II
EPA Registration No. 1677-96
MOU Compliance Amendment dated February 6, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, will be acceptable provided that you make the labeling change listed below before you release the product for shipment bearing the amended label.

1. Under the "Viricidal Performance", specify whether the Herpes simplex is type 1 or type 2.

A stamped copy of your labeling is enclosed for your records. Submit five (5) copies of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Wanda Mitchell at (703) 305-6141.

Sincerely yours,


Marion J. Johnson, Jr.
Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES

SYMBOL	SURNAME	DATE						

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Q-QUAT II

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

Germicidal Non-Acid Cleaner Concentrate

Active Ingredients

Octyl decyl dimethyl ammonium chloride	6.510%
Dioctyl dimethyl ammonium chloride	3.255%
Didecyl dimethyl ammonium chloride	3.255%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride.....	8.680%
Inert Ingredients	78.300%

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO: SI NO PUEDE LEER EN INGLES PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear rubber gloves, chemical goggles and protective clothing. Harmful or fatal if swallowed or absorbed through skin. Avoid contamination of food. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Remove contact lenses and continue flushing. Call a physician immediately.

IF ON SKIN: Wash with plenty of soap and water. Contact a physician if irritation persists.

IF SWALLOWED: Rinse mouth at once; then drink one or two glasses of water. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

- Net Contents:
- 1 gallon (3.78 l)
 - 2.5 gallons (9.45 l)
 - 5 gallons (18.9 l)
 - 15 gallons (56.8 l)
 - 55 gallons (208.8 l)

EPA Reg. No. 1677-96

EPA Est. 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P), 1677-CA-1 (S), 1677-PR-1 (B),

The superscript refers to the first letter of the date code.

Ecolab Inc.
Ecolab Center
St. Paul, MN 55102

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 21 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.

1677-96

FOR HOSPITALS, INSTITUTIONAL AND INDUSTRIAL USE

Cross-contamination is a major housekeeping concern not only in hospitals, but in schools, institutions and industry. This product has been formulated to aid in the reduction of cross-contamination in these areas. This product is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal and will prevent the growth of mold and mildew and their odors when used as directed. This product is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, this product will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

DIRECTIONS FOR USE

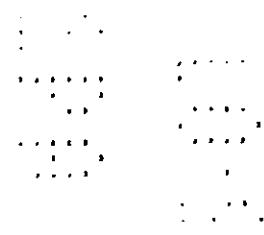
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide-deodorizer which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply this product to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, counter tops, sinks, tile, porcelain and bed frames with a cloth, mop or hand spray bottle 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.

Disinfection - To disinfect hard, non-porous surfaces, add 0.5 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of this product has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

*Pseudomonas aeruginosa**Staphylococcus aureus**Salmonella choleraesuis**Escherichia coli**Streptococcus pyogenes**Klebsiella pneumoniae**Enterobacter aerogenes**Staphylococcus aureus* HL121 (methicillin resistant)*Pseudomonas cepacia**Salmonella schottmuelleri**Streptococcus faecalis**Shigella dysenteriae**Brevibacterium ammoniagenes**Salmonella typhi**Serratia marcescens*

***Virucidal Performance** - At 0.5 oz/gallon use-level, this product was evaluated in the presence of 5% serum and 400 ppm hard water for a contact time of 10 minutes at room temperature (20-25 deg C) against the following viruses found on hard non-porous environmental surfaces: HIV-1 (AIDS virus), Influenza A/Brazil, Herpes simplex and Vaccinia.



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*KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BOODY 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 the transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

CLEANING PROCEDURE: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

CONTACT TIME: Leave surfaces wet for 10 minutes.

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

Fungicidal Performance - this product is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities at 0.5 oz/gallon.

Mold and Mildew Control - At 0.5 oz/gallon, this product 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 direction for use). Allow to dry on surface and repeat when mildew growth returns.

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables) - At 0.5 oz/5.5 gallon use-level, this product is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile area of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

For service or additional information, call 1-800-35-CLEAN (352-5326)

STORAGE & DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: (1 gal) Do not reuse empty containers. Wrap container and put in trash. (2.5, 5, 15, 55 gal plastic) 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.

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