

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 26 1989

Midland Corporation
5300 West 127th Street
Alsip, IL 60010

Attention: Nancy Klinkel

Gentlemen:

Subject: KC-2712P
EPA Registration No. 745-16
Your Submission Dated January 13, 1989
EPA Received Date January 18, 1989

The Agency is in receipt of your submission dated January 10, 1989 and found it to be acceptable provided that you make the following labeling revisions.

1. Delete the term "General Classification" from the labeling.
2. Delete the phrase "Dury in a safe place."
3. Place the statement "Keep out of reach of children" directly above the signal word "danger."
4. Delete the word "mix."
5. In the "Note to Physician" section delete the statement "Measures against . . . may be needed."
6. On the right hand panel, delete the word "Description" from the labeling.
7. The correct spelling of the word "efficacy" is "efficacy."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

54782:I:Leavy:LL-17:KENCO:7/14/89:8/24/89:AS:GJ:VO:DE:AS

CONCURRENCES


SYMBOL							
SURNAME							
DATE							

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Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

7115-16

MC-27NP

Cleaner-Sanitizer-Disinfectant-
Detergent-Deodorizer-Virucide-
Mildewstat (on hard inanimate surfaces)
Fungicide (against pathogenic fungi)

Active Ingredients

n-Alkyl (C₁₄: 60%; C₁₆: 30%; C₁₂: 8%; C₁₈: 2%)
Dimethyl Benzyl Ammonium Chloride
n-Alkyl (C₁₂: 60%; C₁₄: 30%)
Dimethyl Ethylbenzyl Ammonium Chloride

2.20%

2.20%

Inert Ingredients

80.30%
100.00%

DANGER: KEEP OUT OF REACH OF CHILDREN

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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatine solution or if these are not available, drink large quantities of water. Call a physician.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

E.P.A. REG. NO. 7115-16 E.P.A. EST. NO. 7-15-1

SEE BACK PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

CONTENTS: 1 Gallon

7-11-68

465
PA
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DESCRIPTION

QUATRON H when diluted at the rate of 2 ounces per gallon of water is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, QUATRON H is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting. In addition, QUATRON H deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DISINFECTION - At 2 ounces per gallon dilution, QUATRON H exhibits effective disinfectant activity against the following: *Pseudomonas aeruginosa* PRD-10, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schultzei*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium caseigenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*.

At this level the product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

VIROCIDAL ACTIVITY: The product when used on environmental inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against influenza A2-Asian (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

EFFECTACACY TESTS HAVE DEMONSTRATED THAT QUATRON H IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIROCIDAL IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

SANITIZATION - When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200 ppm. At this level **NO POTABLE WATER RINSE** is required. QUATRON H is an effective sanitizer when diluted in water to 250 ppm hardness (CaCO₃).

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

DANGER

Keep Out of Reach of Children. Causes severe eye and skin damage. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing. Do not get in eyes, on skin or clothing. Harmful if swallowed.

MAGEE INDUSTRIES DIV., MIDLAND CHICAGO CORP.
5300 W. 127th St. Alsip, Ill. 60656

**ACCEPTED
with COMMENTS
by EPA Letter Dated:**

JUL 28 1969

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

DIRECTIONS

General Classification

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

QUATRON H has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

DISINFECTION - To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 2 ounces QUATRON H per gallon of water. Apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 2 ounces QUATRON H directly to bowl water. Scrub the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

MILDEWSTAT - To control mildew and mold on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add 2 ounces QUATRON H per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

SANITIZATION - To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary QUATRON H solution by adding 2 ounces QUATRON H to 3 1/2 gallons of water.

To sanitize inanimate items (such as tanks, chopping blocks, countertops), flood the area with 200 ppm QUATRON H solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm QUATRON H solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is so severe.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

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 instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL - Triple rinse (or equivalent) and dispose in an approved landfill approved for pesticide containers, unless otherwise indicated.