

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON DC 20460	EPA REGISTRATION NO. 1677-99	DATE OF ISSUANCE FEB 01 1988
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT MAXI-QUAT 400	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ecolab, Inc.
 370 Wabasha Street
 St. Paul, MN 55102

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

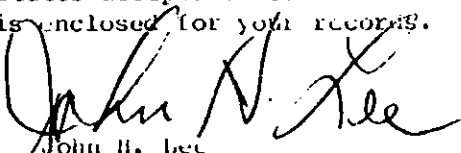
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 1677-99."
 - b. Note: The inert ingredient percentage has been corrected to read 39.64%.
3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.
 A stamped copy of the label is enclosed for your records.


 John H. Lee
 Product Manager (31)
 Disinfectants Branch
 Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
---------------------------------	------

Label

PANEL #1

ACCEPTED
WPA REGULATIONS
in Full Compliance

MAXI-QUAT 400

FEB 01 1938

One Step Cleaner * Disinfectant * Sanitizer
Virucidal* * Fungicidal * Mildewstat * Deodorizer
For Hospital, Institutional and Industrial use..

1677-99

Effective in hard water up to 400 ppm hardness (calculated as CaCO₃)
in the presence of 5% serum contamination.

ACTIVE INGREDIENTS

- Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆) dimethyl benzyl ammonium chlorides 4.20
- Octyl decyl dimethyl ammonium chloride 3.08
- Dioctyl dimethyl ammonium chloride 1.54
- Didecyl dimethyl ammonium chloride 1.54

INERT INGREDIENTS ~~89.65~~

89.64

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements.

A product of
ECOLAB INC., St. Paul, Minnesota 55102

Net Contents: 1 Gallon

EPA REG. NO. 1677-

EPA EST. NO. 1677-IL-2

Label :

PANEL #2

Directions for Use
Do Not Mix With Anything But Water

1677-99

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

Apply Maxi-Quat 400 to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, 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.

Combination Disinfection and Cleaning

In Hospitals and Nursing Homes: Use 1-1/4 oz per gallon of water in water up to 400 ppm hardness calculated as CaCO₃ and 1/2 oz per gallon of water in soft water.

In Housekeeping and Food Service Applications: Use 1 oz per gallon of warm or hot water in water up to 400 ppm of hardness calculated as CaCO₃ and 1/2 oz per gallon of water in soft water.

In all applications, treated surfaces must remain wet for ten minutes.

The increased concentration in Hospitals and Nursing Homes is due to the need to disinfect against pseudomonas aeruginosa. This organism is of specific importance in the health care industry and requires increased concentrations for consistent disinfection.

Sanitizing and Light Duty Cleaning of Porous & Non-Porous, Non-Food Contact Surfaces (such as floors, walls, tables)

Use 1/3 oz of Maxi-Quat 400 per gallon of warm or hot water up to 400 ppm hard water calculated at CaCO₃. Treated surfaces must remain wet for 5 minutes.

*Virucidal Performance. At a use level of 1 oz per gallon, Maxi-Quat 400 disinfects the following viruses on inanimate environmental surfaces: Influenza A₂ (Hong Kong) * Herpes Simplex Type 1 * Adenovirus Type 2 * Vaccinia.

Label: _____

PANEL #2
(continued)

1677-99

Pathogenic Fungi Control. At 1 oz per gallon, Maxi-Quat 400 is an effective fungicide against Trichophyton mentagrophytes (athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. Can be used at 1/2 oz per gallon in soft water.

Mold & Mildew Control. When applied to hard, non-porous surfaces at a concentration of 1 oz per gallon, Maxi-Quat 400 will destroy mold and mildew and control the odors caused by them. Can be used at 1/2 oz per gallon in soft water. Allow to dry on surface and repeat when mildew growth returns.

Deodorizer. When used as directed, Maxi-Quat 400 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.

DILUTION TABLE

ppm Active Quaternary	283	425	850	1063
oz Per Gallon Water	1/3	1/2	1	1-1/4
Dilution	1:384	1:256	1:128	1:100

BEST AVAILABLE COPY

Label

PANEL #3

MAXI-QUAT 400

One Step Cleaner * Disinfectant * Sanitizer

Virucidal* * Fungicidal * Mildewstat * Deodorizer

For Hospital, Institutional and Industrial use..

(677-99

Effective in hard water up to 400 ppm hardness (calculated as CaCO₃)
in the presence of 5% serum contamination.

USE DILUTION TEST (AOAC)

S. aureus	1:128
S. choleraesuis	1:128
Ps. aeruginosa	1:100

USE MAXI-QUAT 400 FOR:

- Out Patient Facilities
- Hospitals
 - Housekeeping Services
 - Nursing Services
 - † Surgical and Obstetrical Suites
 - Physical Therapy Departments
 - Autopsy Facilities
- Nursing Homes
- Food Service Facilities
- Schools
- Research Animal Facilities
- Day Care Centers

† Especially suitable for conductive floors.

BEST AVAILABLE COPY

Label

PANEL #4

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

1677-99

DANGER: Corrosive. Causes severe eye damage. Irritating to the skin. Harmful if swallowed or absorbed through skin. Do not get in eyes or on skin. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENTS OF PRACTICAL TREATMENT

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

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Call a physician immediately.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Probable mucosal damage may contra-indicate the use of gastric lavage

Poison Control Center Telephone Number: 1-800-328-0026

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

1. For 4/1 Gallon Package Size

Do not reuse empty container. Wrap and put in trash.

2. For 15 Gallon and 55 Gallon Drum

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, 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.



Label

PANEL #4
(continued)

1677-89

Container Disposal: 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.

BEST AVAILABLE COPY