

Reg # 1677-133

PM-31

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 1677-133	DATE OF ISSUANCE <b>DEC 10 1991</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT DURI-URC 1000	

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.  
Ecolab Center  
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 or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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:

- add the phrase "EPA Registration No. 1677-133."
- It is preferred that the signal word "DANGER" be centered directly below "KEEP OUT OF REACH OF CHILDREN."
- Revise CatU<sup>3</sup> to read: CACU<sub>3</sub>

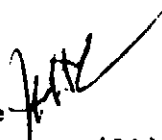
ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

3 7 7

Label

PANEL #1

MAXI-QUAT 1000

One Step Cleaner · Disinfectant · Sanitizer

Fungicide · Mildewstat · Deodorizer · Virucide

For Hospital, Institutional and Industrial Use.

APPROVED  
 DEC 10 1991  
 U.S. Environmental Protection Agency  
 Pesticide Registration Division  
 as required by the pesticide  
 registration act, 7 U.S.C. 136  
 registered under EPA Reg. No.  
1677-133

Effective in hard water up to 450 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination.

ACTIVE INGREDIENTS

Alkyl (60% C <sub>14</sub> ; 30% C <sub>16</sub> ; 5% C <sub>12</sub> ; 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides . . . . .	20.25
Alkyl (50% C <sub>14</sub> ; 40% C <sub>12</sub> ; 10% C <sub>16</sub> ) dimethyl benzyl ammonium chlorides . . . . .	8.00
Octyl decyl dimethyl ammonium chloride . . . . .	6.00
Diocetyl dimethyl ammonium chloride . . . . .	2.40
Didecyl dimethyl ammonium chloride . . . . .	3.60
INERT INGREDIENTS . . . . .	59.75

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements.

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

A product of

ECOLAB INC., Ecolab Center, St. Paul, Minnesota 55102

Net Contents: 3 lbs.

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EPA EST. 1677-IL-2

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Label

PANEL #2

Directions for Use

DEC 16 1991

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

Do Not Mix With Anything But Water.

Patented  
as a  
Registered trademark  
1677-133

Apply MAXI-QUAT 1000 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 soils areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

For automatic and accurate dispensing of solutions, use the SOLITRON Dispensing System.

Combination Disinfection and Cleaning

In Hospitals and Nursing Homes: Use 0.35 oz. per gallon of water in water up to 450 ppm hardness calculated as CaCO<sub>3</sub>.

In Housekeeping and Foodservice Applications: Use 0.28 oz. per gallon of warm or hot water in water up to 450 ppm of hardness calculated as CaCO<sub>3</sub>.

In all applications, treated surfaces must remain wet for ten minutes. Remove solution and entrapped soil with a clean, wet mop, cloth or wet vacuum pickup.

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.

Virus Disinfection

At 0.28 oz. per gallon of water up to 450 ppm hardness in the presence of 5% blood serum MAXI-QUAT 1000 is effective against:

- Adenovirus, type 3
- Vaccinia
- Newcastle Disease Virus
- Herpes simplex, type 1
- Influenza A2

See Disinfection Directions for proper application.

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DEC 1 1961

Label

Panel #2 (continued)

Sanitizing and Light Duty Cleaning of & Non-Porous Contact Surfaces (such as floors, walls, tables): Non-Food 1677-133

Effective at 0.095 oz. of MAXI-QUAT 1000 per gallon of warm or hot water up to 450 ppm hard water calculated as CaCO<sup>3</sup> and in the presence of 5% blood serum. Treated surfaces must remain wet for 5 minutes. Remove solution and entrapped soil with a clean, wet mop, cloth or wet vacuum pickup.

Pathogenic Fungi Control. At 0.28 oz. per gallon, in the presence of 5% blood serum and 450 ppm hard water, MAXI-QUAT 1000 is an effective fungicide against Trichophyton metagrophytes (athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. See Disinfection Directions for proper application.

Mold and Mildew Control. When applied to hard, non-porous surfaces at a concentration of 0.28 oz. per gallon, in the presence of 5% blood serum and 450 ppm hard water, MAXI-QUAT 1000 will inhibit the growth of mold and mildew and control the odors caused by them. Allow to dry on surface and repeat when mildew growth returns.

Deodorizer. When used as directed, MAXI-QUAT 1000 kills odor causing bacteria on 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

	<u>Sanitizing</u>	<u>General Disinfection</u>	<u>Hospital Disinfection</u>
ppm Active Quat	290	850	1060
oz. Per Gallon Water	0.09	0.28	0.35
gms Per Gallon Water	2.70	8.0	10.0
Dilution	1:1408	1:473	1:379

OTHER ORGANISMS

MAXI-QUAT 1000 has been proven to be effective against the following organisms at 0.28 oz./gl. of water up to 450 ppm hardness in the presence of 5% blood serum:

- Corynebacterium diphtheriae ATCC #11913
- Escherichia coli ATCC #29181
- Klebsiella pneumoniae ATCC #4352
- Listeria monocytogenes Scott A
- Micrococcus luteus ATCC #14452
- Proteus vulgaris ATCC #13315
- Salmonella typhimurium ATCC #13311
- Serratia marcescens ATCC #9103
- Shigella dysenteriae ATCC #29026
- Staphylococcus aureus HL121 (methicillin resistant)

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Label

Panel #3

MAXI-QUAT 1000

One Step Cleaner · Disinfectant · Sanitizer

Fungicidal · Mildewstat · Deodorizer

For Hospital, Institutional and Industrial Use.

DEC 1 1967

1677-133

Effective in hard water up to 450 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination

USE DILUTION TEST (AOAC)

S. aureus	1:473
S. choleraesuis	1:473
Ps. aeruginosa	1:379

USE MAXI-QUAT 1000 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

\*Especially suitable for conductive floors.

Label

Panel #4

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

1677-133

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield or safety glasses, and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush immediately with cool water. Remove contact lenses. Continue flushing for 15 minutes, holding eyelids apart. Call a physician.

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

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

STORAGE AND DISPOSAL:

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

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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.