

1077-235

10/11/2011

10411



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

EPA Reg. Number: 1677-235	Date of Issuance: OCT 11 2011
Term of Issuance: Conditional	
Name of Pesticide Product: Bath & Tile Disinfecting Cleaner	

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling 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 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 (OPP Decision No. D-445184) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA File Symbol to read, EPA, Reg. No. 1677-235 "

Signature of Approving Official:

Monisha Harris  
 Product Manager Team (32)  
 Regulatory Management Branch II  
 Antimicrobials Division (7510P)

Date:

OCT 11 2011

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CONCURRENCES

SYMBOL	7510P						
SURNAME	HARRIS						
DATE	10-12-11						

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b. The proposed label claims that a 1:1 dilution of the product, Bath and Tile Disinfecting Cleaner, is an effective disinfectant against the following microorganisms on floors in the presence of 400 ppm hard water for a 10-minute contact time:

*Staphylococcus aureus*      *Salmonella enteric*      *Pseudomonas aeruginosa*

**These claims are acceptable as they are supported by the submitted data. The directions for this application must be revised to include the following (or a similar) statement as efficacy was not demonstrated in the presence of a 5% organic soil load: "Pre-clean floors prior to disinfecting with a 1:1 dilution of the product."**

c. The proposed label states that the product can be used as a deodorizer. **The label must be revised to provide adequate dosage recommendations and complete directions for use of the product as a deodorizer.**

d. Marketing claims on pages 6 and 7 of the proposed label state that the product sanitizes surfaces. **Data were not provided to support these claims. References to use of the product as a sanitizer must be deleted from the proposed label.**

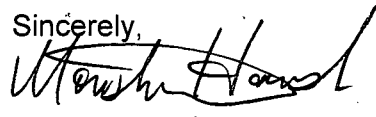
e. The applicant must make the following change to the proposed label, as appropriate:

- Add "Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment" to the First Aid statement.
- On page 2 and 7 of the proposed label, qualify claims regarding product effectiveness as a "one-step" disinfectant. **Surfaces must be pre-cleaned when the product is used to treat against *Clostridium difficile* and *Trichophyton mentagrophytes*, and as a floor disinfectant.**

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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. Should you have any questions regarding this letter, please contact Wanda Henson either by phone at (703) 308-6345 or email at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov).

Sincerely,  


Monisha Harris  
Product Manager Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

**CONCURRENCES**

SYMBOL	Enclosures: (Stamped Label)						
	SURNAME						
	DATE						

# Bath & Tile Disinfecting Cleaner

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Disinfectant / Cleaner / Bactericide/ Virucide/ Fungicide

Institutions – Schools – Daycares - Restaurants - Food Service - Beverage and Food Processing Plants - Veterinary and Industrial Use – Hospitals - Hospices

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

**Active Ingredients:**

Sodium Hypochlorite ..... 2.15%

**Other Ingredients:** ..... 97.85%

**Total:** ..... 100.00%

Available Chlorine: 2.05%

OCT 11 2011

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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

1677-235

**PRECAUTIONARY STATEMENTS**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PHYSICAL OR CHEMICAL HAZARDS**

Mixing this product with acid or ammonia will release chlorine gas.

**FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**EMERGENCY HEALTH INFORMATION:** 1-866-897-8061 (Outside United States and Canada)  
**CALL:** 1-952-852-4656 (in USA)

See side panel for additional precautionary statements

**Bath & Tile Disinfecting Cleaner** is a [REDACTED] Disinfectant and Cleaner. It is effective for the removal of soap scum.

**Bath & Tile Disinfecting Cleaner** is recommended for use in bathrooms, shower rooms and spas for disinfecting and cleaning walls, floors, tubs, showers, and other hard non-porous environmental surfaces such as countertops, sinks, exterior surfaces of toilets, non-food contact surfaces of coolers, glazed tile, linoleum, plastic (such as polyethylene, polypropylene, polyvinylchloride), glazed porcelain, stainless steel and glass. Non-abrasive; won't scratch. Not for use on PVD coated fixtures and finishes or soft metals.

**Areas of Use:** daycares, schools and colleges, veterinary clinics and animal life science laboratories, industrial facilities, dietary areas, beverage and food processing plants, restaurants, hotels, motels, office buildings, recreational facilities, medical facilities, hospitals, kitchens, nursing homes, assisted living facilities, medical and dental offices, retail and wholesale establishments.

Avoid contact with clothing, fabrics, wood, rubber, and painted surfaces. To avoid the possibility of discoloration, avoid prolonged contact with metal, old porcelain or worn plastic laminates.

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 areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

**DIRECTIONS FOR USE**

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

**BACTERICIDAL** in 5 minutes at full strength when applied by cloth, mop, brush, scrubber or by soaking against the following pathogenic bacteria according to the AOAC Use-Dilution Test modified in the presence of 5% blood serum and 0.005% sodium stearate (soap scum).

- Acinetobacter baumannii* MDR (Gentamicin – Ceftazidime - Imipenem) (ATCC BAA 1605) ,
- Enterobacter aerogenes* (ATCC 13048), *Enterococcus faecalis* (VRE) (ATCC 51299)
- Enterococcus faecium* (VRE) (ATCC 51559), *Escherichia coli* (O157:H7)(ATCC 43895),
- Escherichia coli* (ATCC 11229), *Listeria monocytogenes* (ATCC 7644), *Salmonella enterica* (ATCC 10708),
- Shigella dysenteriae* (ATCC 29026), *Staphylococcus aureus* (MRSA)(ATCC 33592),
- Streptococcus pneumonia* (ATCC 6303), *Streptococcus pyogenes* (ATCC 19615),
- Pseudomonas aeruginosa* (ATCC 15442)\*, *Staphylococcus aureus* (ATCC 6538).

\* Efficacy data supports 10 minute contact time.

For disinfection of floors against *Pseudomonas aeruginosa* (ATCC 15442), *Staphylococcus aureus* (ATCC 6538), and *Salmonella enterica* (ATCC 10708) use at 128 ounces per gallon of water (1:1) or 1 gallon of product per gallon of water allow to remain wet for 10 minutes.

For disinfection and cleaning of hard non-porous surfaces use at full strength. Apply solution with a wet cloth, mop, brush, scrubber, or by soaking. Allow to remain wet for 5 minutes. Allow to remain wet for 10 minutes in order to kill *Pseudomonas aeruginosa* (ATCC 15442) For heavily soiled areas, a pre-cleaning step is required. Rinsing is not necessary on non-food contact surfaces. Do not use this product to clean or disinfect glassware, dishes or silverware.

Fungicidal in 5 minutes at full strength when applied by cloth, mop, brush, scrubber, or by soaking against *Aspergillus niger* (ATCC 6275) according to the AOAC Fungicidal Test modified in the presence of 0.005% sodium stearate (soap scum) and 5% blood serum, and against *Trichophyton mentagrophytes* (ATCC 9533) according to the AOAC Fungicidal Test modified in the presence of 0.005% sodium stearate (soap scum). The product can be used on surfaces in locker rooms, dressing rooms, shower and bath areas and exercise facilities.

Virucidal in 1 minute at full strength when applied by cloth, mop, brush, scrubber or by soaking against Poliovirus Type 1 (ATCC VR-1562), RSV (Respiratory syncytial virus)(ATCC VR-26), Influenza A virus Hong Kong Strain (ATCC VR-544), HSV-1 (Herpes simplex virus –type 1)(ATCC VR-733) and Rhinovirus type 37 (ATCC VR-1147) according to the Virucidal Qualification Test, modified in the presence of 5% blood serum and 0.005% sodium stearate (soap scum).

**SPORICIDAL: Bath and Tile Disinfecting Cleaner** kills and/or inactivates spores of *Clostridium difficile* on hard, non-porous surfaces. Apply with a coarse trigger sprayer, cloth, mop, brush, scrubber, or by soaking to thoroughly wet surface. Effective against *Clostridium difficile* endospores after a 3 minute exposure time according to the Quantitative Sporicidal Thee Step Method.

**Special Label Instructions for Cleaning Prior to Disinfection against *Clostridium difficile* spores**

**Personal Protection:** Wear appropriate barrier protection such as gloves, gowns, masks or eye covering.

**Cleaning Procedure:** Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, mop, and/or sponge saturated with the disinfectant product. Cleaning is to include vigorous wiping and/or scrubbing, until all visible soil is removed. Special attention is needed for high-touch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the spores. Restrooms are to be cleaned last. Do not reuse soiled cloths.

**Infectious Materials Disposal:** Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal.



<b>TABLE A</b>		
For use on a cloth, mop, brush, scrubber, or by soaking .		
Full Strength	Efficacy testing contact time results	Organisms
Antibacterial efficacy (according to the AOAC Use-Dilution Test modified in the presence of 0.005% sodium stearate and 5% blood serum)	5 min	<i>Acinetobacter baumannii</i> (MDR) (Gentamicin – Ceftazidime - Imipenem) <i>Enterobacter aerogenes</i> <i>Enterococcus faecalis</i> (VRE) <i>Enterococcus faecium</i> (VRE) <i>Escherichia coli</i> (O157:H7) <i>Escherichia coli</i> <i>Listeria monocytogenes</i> <i>Salmonella enterica</i> <i>Shigella dysenteriae</i> <i>Staphylococcus aureus</i> (MRSA) <i>Streptococcus pneumoniae</i> <i>Streptococcus pyogenes</i> <i>Staphylococcus aureus</i>
Antibacterial efficacy (according to the AOAC Use-Dilution Test modified in the presence of 0.005% sodium stearate and 5% blood serum)	10 min	<i>Pseudomonas aeruginosa</i>
For use on a cloth, mop, brush, scrubber, or by soaking.		
Full Strength	Efficacy testing contact time results	Organisms
Antiviral efficacy (according to the Virucidal Qualification Test modified in the presence of 0.005% sodium stearate and 5% blood serum)	1 min	<i>HSV-1, Poliovirus Type 1 (Chat strain)</i> <i>RSV</i> <i>Influenza A</i> <i>Rhinovirus type 37</i>
Antifungal efficacy (according to the AOAC Fungicidal test modified in the presence of 0.005% sodium stearate and 5% blood serum)	5 min	<i>Aspergillus niger</i>
Antifungal efficacy (according to the AOAC Fungicidal test modified in the presence of 0.005% sodium stearate)	5 min	<i>Trichophyton mentagrophytes</i>

<b>TABLE B</b>		
For use on a cloth, mop, brush, scrubber, or by soaking.		
Dilute 1:1 with water	Efficacy testing contact time results	Organisms
Antibacterial efficacy (according to the AOAC Use-Dilution Test modified in the presence of 400 ppm synthetic hard water)	10 min	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Salmonella enterica</i>

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**STORAGE & DISPOSAL**

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

**Pesticide Storage:** Store this product in a cool, dry area, away from direct sunlight and heat. In case of spill flood area with large quantity of water.

**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:** RESIDUE REMOVAL INSTRUCTIONS: For containers less than 5 gallons. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Shake 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times.

**Non-refillable container.** Do not reuse this container to hold materials other than pesticides or diluted pesticide rinsate. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

Net Contents:  
32 ounces  
1 U.S. Gal. (3.78 L)

Manufactured by:  
Ecolab Inc.  
370 N. Wabasha Street  
St. Paul, MN 55102

EPA Reg. No. 1677-[pending]  
EPA Est. No.: 1677-MN-1 (P), 60156-IL-1 (SI), 1677-CA-2 (R),  
1677-TX-1 (D), 1677-OH-1 (H), 1677-IL-2 (J),  
1677-CA-1 (S), 1677-GA-1 (M), 1677-WV-1 (V), 58046-TX-2 (X)  
Superscript refers to first letter of date code

### Optional Marketing Language

[Bracketed information is optional text.]

Makes 2 gallons of use solution when diluted according to label directions.

Claims (for cleaning, deodorizing, stain removal):

- Bleaches away stains
- Brightens
- Cleans everyday kitchen dirt, grease and food stains
- Cleans tough messes
- Powerful cleaner plus the power of bleach
- Cuts through [tough] grease and grime
- Degreaser
- Degreases

[REDACTED]

[REDACTED] Has a clean, fresh scent

- Eliminates odors caused by [bacteria] [germs] [mildew]
- Leaves [kitchen(s)] [bathroom(s)] [restroom(s)] [surfaces] [clean and] sanitary
- One-step cleaner
- Removes food stains
- Removes odors
- Removes – and/or – cleans – and/or- cuts through –and/or – [tough] stains
  - bathroom [restroom] dirt – and/or – stains
  - food – and/or- juice – and/or- coffee – and/or- tea stains
  - grime
  - soap scum
  - [tough] – and/or- [greasy] – and/or- [kitchen] dirt – and/or – soil(s)
- Removes stains without scrubbing
- Wipes out stains in kitchen(s) and bath(s)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Claims (disinfection)

- Antibacterial [action]
- Antibacterial cleaner
- Bacteria-fighting – or – Germ-fighting formula
- Bactericide – or – Bactericidal
- Restroom – and/or- Bathroom disinfectant
- Broad spectrum disinfectant [cleaner]
- Can reduce the spread of [illness-causing] germs [on hard, nonporous surfaces]
- Cleans and disinfects
- Cleaner and disinfectant in one
- Cleans –and/or- disinfects [bathroom] [school] [classroom] [restroom] [kitchen] [home] [household] [office] [ work – or- office [place] [environment]] [place]
- Disinfecting bleach cleaner
- Disinfects



- Disinfects and [redacted] by killing common [household] germs and controlling their odors
- Disinfects as it cleans
- Disinfects as it kills bacteria
- Disinfects nonporous [hard] surfaces
- Easily [cleans] [redacted] [disinfects]
- [Effective] [bathroom – and/or-restroom-and/or-kitchen-and-or-household-and/or-office-and/or-workplace] disinfectant –and/or-cleaner
- [Effective] disinfectant [in presence of 5% serum load – or- organic soil]
- Germicide – or- Germicidal
- Hospital [and home] disinfectant
- Institutional disinfectant
- Kills 99.9% of bacteria – and/or-germs – and/or viruses
- Kills 99.9% of bacteria – and/or- germs –and/or-viruses commonly found in – or- on [the] **[list any use site]**
- Kill[s] –and/or- eliminate[s] – and/or- disinfect[s] – and/or- remove[s] – and/or- reduce[s] [99.9% of] [the] cold virus – and/or- flu virus – and/or- cold and flu virus[es]
- Kill[s] –and/or- eliminate[s] – and/or- disinfect[s] – and/or- remove[s] – and/or- reduce[s] [99.9% of] Methicillin-resistant Staphylococcus aureus [(MRSA)]
- Kills cold and flu virus
- Kills germs while it cleans
- Kills –or- eliminates [99.9%] [cold virus] [flu virus]
- Kills –or- eliminates [99.9%] [E.coli] [Salmonella] [harmful kitchen germs –or- bacteria]
- Kills – or- eliminates [99.9%] of viruses that cause cold –or- flu
- Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).
- Kills Pandemic 2009 H1N1 influenza A virus.
- One-step cleaner [and disinfectant]
- Removes stains and disinfects
- This [cleaner] [disinfectant] combines cleaning and disinfecting [in one product] [redacted]
- This product is a cleaner disinfectant which combines cleaning, disinfecting and stain removal in one product
- [This product] The power to clean [tough] [bathroom –and/or- restroom –and/or- school – and/or- classroom –and/or- kitchen –and/or- household – and/or- office –and/or- workplace] [grime] [dirt] [soils] and kill bathroom germs –and/or- bacteria
- Virucide –or- Virucidal **[Claim to be qualified with at least one of the viruses shown in Tables A and/or B above]**

Claims (Fungicidal, Sporicidal)

- Kills mold and mildew
- Kills Athlete’s Foot Fungus
- Mildewcidal –or- Mildewcide
- Fungicidal –or- Fungicide
- Remove –and/or- cleans –and/or- bleaches out –and/or – cuts through –and/or- tough on mold –and/or mildew
- Removes –and/or- bleaches out mold and mildew stains
- Antifungal

Claims – General

- New [and –or- Improved] [!] **to be used for first 6 months only**
- [Easily] [Effectively] Removes soap scum and mildew stains
- [Removes] [Eliminates] [Attacks] [Gets rid of] [Melts away] tough [soap scum] [[bathroom –and/or- restroom –and/or- kitchen – and/or- household –and/or- office –and/or- workplace] [dirt] [soils] [grime]] [!]
- Tough on [soap scum – and/or – mildew stains –and/or- grease]

**USE LOCATIONS:** [Where to use this product] [For use around –or- in –or- throughout the]

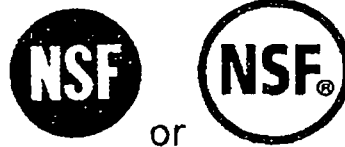
- Bathroom[s]
- Business[es]
- Commercial Kitchen[s]
- Daycare Center[s]
- [Dental –and/or- Medical] Office[s]
- [Dentist’s –or- Doctor’s –or- Physician’s] Office[s]
- Schools –and/or- Universities
- Fitness Center[s]
- Health Club[s]
- Hospital[s]
- Hotel[s]
- Institutions
- Institutional Kitchen[s]
- Kitchen[s]
- Laundromat[s]
- Locker Room[s]
- Motel[s]
- Office
- Patio – and/or- Porch
- Playground Equipment
- Recreational Center[s] –or- Facility [Facilities]
- Veterinary Clinic[s]

**USE SITES:** [Use] On [hard,] [nonporous surfaces] [the product will not damage]

- [Washable] Walls
- [Bath] Tubs
- Countertops
- [Classroom] Desks
- Diaper Changing Table[s]
- Diaper Pail[s]
- [Play] Table[s] – and/or- Stations
- Examination Table[s]
- Floors [No Wax – and/or- Washable]
- [Inside – and/or- Outside of] Appliances [such as] [Refrigerators, Microwaves, Freezers]
- Shower curtain[s]
- Shower stalls]
- Sink[s]
- Toilet[s]
- Urinal[s]
- [Water] [Drinking] Fountain[s]

**USE SURFACES:**

- Chrome
- Corian
- Baked Enamel
- Sealed Fiberglass
- Formica
- Glazed [Ceramic] Tile
- Glazed Porcelain
- Laminate[s]
- Laminated Surface[s]
- Linoleum
- Marlite
- Metal
- Plastic
- Plastic Laminate
- Glazed Porcelain
- Resilient Flooring
- Sealed Granite
- Stainless Steel
- Synthetic – or- Cultured Marble
- Vinyl Tile
- This product contains bleach.



or

(NSF Listed)

*(Insert NSF 6-Digit Listing Number here)*