



U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:

1677-223

Date of Issuance:

JUN 13 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

SANI-STEP

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ecolab  
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 is conditionally 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 Registration Number to read, "EPA Reg. No. 1677-223".

Signature of Approving Official:

Velma Noble  
Product Manager Team-31  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Date:

JUN 13 2007

EPA Form 8570-6

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

b. According to the Acute Toxicology Profile outlined below, you must make the following revisions:

Guideline	Toxicity Category	Status
Acute Oral	IV	Acceptable
Acute Dermal	IV	Acceptable
Acute Inhalation	IV	Acceptable
Primary Eye Irritation	III	Acceptable
Primary Skin Irritation	I	Acceptable
Dermal Sensitization	Nonsensitizer	Acceptable

- 1) Change the SIGNAL WORD from Caution to "**DANGER.**"
- 2) Revise the first four sentences under the "Precautionary Statements" to read *Corrosive. Causes skin burns and moderate eye irritation. Do not get in eyes, on skin, or on clothing. Wear protective eyewear, clothing, and gloves.*
- 3) The "First Aid" statements must be reorganized such that the most severe routes of exposure, as demonstrated by the toxicity classification, are listed first. Therefore, the "IF ON SKIN" statements must precede the "IF IN EYES" text.

c. The species name for *Salmonella typhimurium* has been changed by ATCC. You must revise the label to the new designation, *Salmonella enterica*.

d. The EPA Registration Number on page 2 is incorrect and must be revised to agree with this registration notice.

**General Comments**

A stamped copy of the label is enclosed for your records. Submit one (1) copy 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.

If you have any questions concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Branch I  
Antimicrobials Division (7510C)

Enclosure: Stamped Label  
Product Chemistry Data Evaluation  
Acute Toxicology Data Evaluation  
Efficacy Data Evaluation

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# SANI-STEP

Solid, Time-Released, Floor Sanitizer  
For Use in Dairy, Food and Beverage Processing Industries

**ACTIVE INGREDIENTS:**

Alkyl (C <sub>14</sub> , 50%, C <sub>12</sub> , 40% C <sub>16</sub> , 10%)	
Dimethyl benzyl ammonium chloride .....	0.479%
Octyl decyl dimethyl ammonium chloride.....	0.359%
Didecyl dimethyl ammonium chloride .....	0.215%
Diocetyl dimethyl ammonium chloride .....	0.144%
<b>OTHER INGREDIENTS:</b> .....	<u>98.803%</u>
<b>TOTAL:</b> .....	100.00%

## KEEP OUT OF REACH OF CHILDREN CAUTION

**PRECAUTIONARY STATEMENTS**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**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 eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026  
OUTSIDE OF NORTH AMERICA, CALL 1-651-222-5352**

**ENVIRONMENTAL HAZARDS:** (only required for containers greater than 50 pounds) Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact you State Water Borad or Regional Office of the EPA.

FOR INDUSTRIAL USE ONLY

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 13 2007

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1677-223

SANI-STEP is a water activated, time-released, solid sanitizer specifically formulated to improve environmental sanitation on floors where wet conditions favor microorganism growth and cause sanitation concern.

#### DIRECTIONS FOR USE

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

After cleaning and sanitizing equipment, apply SANI-STEP evenly to the floor, at a rate of 1.2 grams – 2.4 grams per square foot. Product may be re-applied as needed during the production process. SANI-STEP does not become active until it comes in contact with moisture on the floor.

SANI-STEP has been evaluated at a concentration that supports a dilution of 5.1 oz/gallon in the presence of 5% soil contamination and in waters up to 500 ppm hardness (29.2 gpg calculated as CaCO<sub>3</sub>). Treated surfaces must remain wet for 5 minutes.

SANI-STEP was evaluated using the Non-Food Contact Surface Sanitizer Test and was proven to be effective against the following organisms:

*Staphylococcus aureus*  
*Escherichia coli*  
*Salmonella typhimurium*

*Enterobacter aerogenes*  
*Listeria monocytogenes*

#### STORAGE & DISPOSAL

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

**Pesticide Storage:** Store in a dry area.

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

Net Contents: 300 lb (136.2 kg) 30 lb (13.6 kg)
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Ecolab Inc.  
370 N. Wabasha Street  
St. Paul, MN 55102

EPA Reg. No. 1677-134  
EPA Est.: 1677-MN-1 (P), 1677-CA-2 (R),  
1677-TX-1 (D), 1677-GH-1 (H),  
1677-IL-2 (S), 1677-PR-1 (B), 1677-CA-1 (S),  
1677-GA-1 (M), 1677-WV-1 (V)  
Superscript refers to first letter of date code