

1839-104

9/8/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

SEP - 8 2010

**FILE COPY**

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Thomas W. Isaac  
Stepan Company  
22 West Frontage Road  
Northfield, IL 60093

Subject: Household Light Industrial Type Germicidal Acid Bowl Cleaner  
EPA Registration Number: 1839-104  
Application Date: September 24, 2010  
Receipt Date: September 25, 2010

Dear Mr. Isaac:

This letter acknowledges receipt of your notification, submitted under the provisions of FIFRA section 3(c) 9 and PR Notice 98-10.

**Proposed Notification**

Revise the "TO CLEAN AND DISINFECT" directions

**General Comments**

Based on a review of the submitted materials, your notification to revise the "To Clean and Disinfect" directions is acceptable and has been placed in your file for future reference.

If you have questions concerning this letter, then please contact me by telephone at (703) 308-6416 or by e-mail at [campbell-mcfarlane.jacqueline@epa.gov](mailto:campbell-mcfarlane.jacqueline@epa.gov) or Killian Swift by telephone at (703) 308-6346 email address at: [swift.killian@epa.gov](mailto:swift.killian@epa.gov). When you are submitting information or data in response to this letter, send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacqueline Campbell-McFarlane".

Jacqueline Campbell-McFarlane  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 1839-104	2. EPA Product Manager Jacqueline McFarlane	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Household Light Indust. Type Germicidal Acid Bowl Cleaner	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) Stepan Company 22 W. Frontage Rd. Northfield, IL 60093 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Minor Label Revision:  
Revise the TO CLEAN AND DISINFECT section (page 2 of label) to add the directions: "brush to remove heavy soil".

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container qt, 1,5,55 gals.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product			<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input type="checkbox"/> Other _____	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Thomas W. Isaac	Title Sr. Regulatory Specialist	Telephone No. (Include Area Code) (847)501-2309
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Thomas W. Isaac</i>	3. Title Sr. Regulatory Specialist	
4. Typed Name Thomas W. Isaac	5. Date August 24, 2010	



August 24, 2010

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Antimicrobials Division  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

ATTN: Ms. Jacqueline McFarlane  
PM-34 (Acting)  
Regulatory Management Branch II

RE: Household/Light Industrial Type Germicidal Acid Bowl Cleaner  
EPA Reg. No. 1839-104

Dear Ms. McFarlane:

This NOTIFICATION proposes the following label revision based on the Agency's letter dated July 15, 2009:

- Revised the **TO CLEAN AND DISINFECT** section (page 2 of label) to add the directions: "brush to remove heavy soil".

**LABELS:**

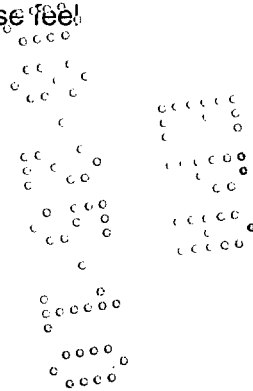
Five (5) draft labels are enclosed. One label is highlighted for Agency review.

Should the Agency need additional information in order to process this Notification, please feel free to contact me immediately at (847) 501-2309 or via email: [tisaac@stepan.com](mailto:tisaac@stepan.com).

Sincerely,  
STEPAN COMPANY

Thomas W. Isaac  
Sr. Regulatory Specialist

Enclosures: Notification administrative package, labels (5 copies)  
TWI:sif



**Stepan**

Stepan Company

Northfield, Illinois 60093  
Telephone 847 446 7500



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“This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.”

*Thomas W. Franke*  
Sr. Regulatory Specialist

Date: August 24, 2010

# Household/Light Industrial Type Germicidal Acid Bowl Cleaner

**THICKENED LIQUID** (if using the alternate thickened formula)

Kills *Staphylococcus aureus* (Staph)  
*Salmonella choleraesuis* (Salmonella), and  
*Pseudomonas aeruginosa* (Pseudomonas)

**CLEANS  
DISINFECTS  
DEODORIZES  
REMOVES RUST**

### 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 chloride.....	0.50%
Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl	
ethylbenzyl ammonium chloride.....	0.50%
Hydrogen chloride.....	8.00%
<b>INERT INGREDIENTS.....</b>	<b>91.00%</b>
<b>TOTAL</b>	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
**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.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

(Optional) **HOTLINE NUMBER** You may contact xxx/xxx-xxxx for emergency medical treatment information.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See (side) (back) panel(s) for additional precautionary statements.

EPA REG. NO. 1839-104  
EPA EST. NO. 1839-IL-01

**NOTIFICATION**  
Date Reviewed: 9/8/10  
Reviewed By: R. Swift

**STEPAN COMPANY**  
22 West Frontage Road  
Northfield, IL 60093  
(phone number - optional)

**NET CONTENTS**

*(Use this page for a consumer type label)*  
**DIRECTIONS FOR USE**

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

***Cleans, disinfects and deodorizes for a complete clean***

With all the news about germs and bacteria, just looking clean isn't good enough. This product does it all – cleans, disinfects and deodorizes, even under the rim. This effective one-step disinfectant cleaner kills many germs and effectively eliminates toilet rings, hard water stains, mineral deposits, and rust stains, plus leaves a light fresh scent.

Kills common household germs such as Staphylococcus aureus (Staph), Salmonella choleraesuis (Salmonella), and Pseudomonas aeruginosa (Pseudomonas), while preventing odors caused by microorganisms.

This product is a combination of cleaners, plus antibacterial disinfectants, so you can be sure your bowl is completely clean.

This product is designed to clean, disinfect and deodorize toilet bowls and urinals. When used as directed, this formulation exhibits effective disinfection against Salmonella choleraesuis, Staphylococcus aureus and Pseudomonas aeruginosa in addition to preventing odors caused by microorganisms.

**TO CLEAN AND DISINFECT:** For heavy soil, a pre-cleaning step is required prior to disinfecting.

1. To disinfect toilet bowls, flush toilet and brush to remove heavy soil before disinfecting. Add 4 ounces of this product directly to the bowl water. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush. Rinse scrub brush or toilet mop in fresh water after each use.
2. To disinfect urinals, add 2 ounces of this product to 48 ounces (1½ quarts) of water. Flush urinal and brush to remove heavy soil. Apply solution with brush or toilet mop to urinal surfaces, making sure to scrub completely and under the rim. Let stand for 10 minutes and flush.
3. For badly stained toilet bowls, brush to remove heavy soil, flush toilet and use toilet mop to push water from the bowl over the trap. Press swab mop against bowl to remove excess water then saturate mop with 2 ounces of this product while holding bottle and applicator over bowl. Swab bowl completely making sure to get under the rim. Let stand 10 minutes then flush. Rinse applicator completely.

This product has been specially formulated for use only in the toilet bowl. It should not be used or placed on toilet bowl lids, wood toilet seats, vanities, sinks, bathtubs, cabinets, countertops, or rugs. Clean spills immediately.

**DO NOT MIX WITH CHLORINE BLEACH, AMMONIA CLEANERS OR OTHER HOUSEHOLD CHEMICALS.**

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

*(Use this page for a consumer type label)*

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS.  
DANGER**

**CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed, absorbed through skin, or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear coveralls over long-sleeved shirt and long pants, socks and chemical resistant footwear, goggles or face shield, and chemical resistant gloves (such as barrier laminate or butyl rubber, nitrile rubber, neoprene rubber, PVC or viton). Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**STORAGE AND DISPOSAL**

*(for products with household/residential use-sites only)*

**CONTAINER HANDLING** – Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

**(use this page for an industrial type label)**

**DIRECTIONS FOR USE**

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

Household/Light Industrial Type Germicidal Acid Bowl Cleaner is designed to clean, disinfect and deodorize toilet bowls and urinals. When used as directed, this formulation exhibits effective disinfection against *Salmonella choleraesuis*, *Staphylococcus aureus* and *Pseudomonas aeruginosa* in addition to preventing odors caused by microorganisms.

**DISINFECTION** – For gross filth or heavy soil, a pre-cleaning step is required for disinfecting.

1. To disinfect toilet bowls, flush toilet and add 4 ounces of this product directly to the bowl water. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush.
2. To disinfect urinals, add 2 ounces of this product to 48 ounces (1½ quarts) of water. Flush urinal and apply solution with brush or toilet mop to urinal surfaces, making sure to scrub completely and under the rim. Let stand for 10 minutes and flush.
3. For badly stained toilet bowls, flush toilet and use toilet mop to push water from the bowl over the trap. Press swab mop against bowl to remove excess water then saturate mop with 2 ounces of this product while holding bottle and applicator over bowl. Swab bowl completely making sure to get under the rim. Let stand 10 minutes then flush. Rinse applicator completely.

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

Household/Light Industrial Type Germicidal Acid Bowl Cleaner contains no phosphates.



*(Use this page for an industrial type label)*

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS.  
DANGER**

**CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed, absorbed through skin, or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear coveralls over long-sleeved shirt and long pants, socks and chemical resistant footwear, goggles or face shield, and chemical resistant gloves (such as barrier laminate or butyl rubber, nitrile rubber, neoprene rubber, PVC or viton). Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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 your State Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE** - Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in tightly closed, original container in a secure area inaccessible to children.

**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.

*(for products with industrial, institutional and commercial use sites)*

**CONTAINER HANDLING** – Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying.

*(Containers 5 gallons or less)*

Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*(Containers greater than 5 gallons)*

Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*(the following recycling statement is required for all size containers)*

Then offer for recycling if available, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

This product contains no phosphates.