

1839-105

06/15/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

JUN 15 2010

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

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

Subject: Industrial Type Germicidal Acid Bowl Cleaner  
EPA Registration Number: 1839-105  
Application Date: March 17, 2010  
Receipt Date: March 18, 2010

Dear Mr. Isaac:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide (FIFRA), as amended, is acceptable with conditions.

**Proposed Amendment**

Update Container Disposal statements to comply with PR Notice 2007-4.

**Conditions**

Revise the label as follows:

- 1.) The nomenclature for *Salmonella choleraesuis* must be updated to read "*Salmonella enterica*" on page 1 (front panel).
- 2.) Revise the Environmental Hazards section on page 3 to be in agreement with the ADBAC RED by adding the following statement, "*This pesticide is toxic to fish and aquatic invertebrates.*"
- 3.) Move the 3<sup>rd</sup> statement under the "Container Disposal" statements for containers 5 gallons or less on page 3 to appear after the statement, "Drain for 10 seconds after the flow begins to drip."

**CONCURRENCES**

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

4.) Delete the 5<sup>th</sup> statement under the "Container Disposal" statements for containers greater than 5 gallons on page 3 and replace with "Follow Pesticide Disposal instructions for rinsate disposal."

**General Comments**

A stamped label with conditions is enclosed for your records. Submit a copy of your final printed label before distributing or selling the product bearing the revised labeling.

If you have further 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 Stacey Grigsby by telephone at (703) 308-6440 or by email at [grigsby.stacey@epa.gov](mailto:grigsby.stacey@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,



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

Enclosure: Stamped Label

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

# Industrial Type Germicidal Acid Bowl Cleaner

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

CLEANS  
DEODORIZES  
DISINFECTS  
REMOVES RUST

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 15 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1839-105

### 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 .....	0.75%
Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl	
ethylbenzyl ammonium chloride .....	0.75%
Hydrogen chloride .....	20.00%
<b>INERT INGREDIENTS .....</b>	<b>78.50%</b>
<b>TOTAL ... 100.00%</b>	

KEEP OUT OF REACH OF CHILDREN  
**DANGER - POISON**



### 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 give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by the poison control center or doctor.

**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.

**HOTLINE NUMBER (OPTIONAL):** 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. 1839-105  
EPA EST. NO. 1839-IL-01

STEPAN COMPANY  
22 West Frontage Road • Northfield, IL 60093

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## DIRECTIONS FOR USE

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

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 2 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 1 ounce 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 1 ounce 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).

Industrial Type Germicidal Acid Bowl Cleaner contains no phosphates.

Amend 02/17/10

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**PRECAUTIONARY STATEMENT**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER – POISON**

**CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if 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, using tobacco or using the toilet. Remove contaminated clothing and wash 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.

Contains no phosphates.

**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 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 DISPOSAL** – Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

