

JUL 9 2013

Mr. Thomas W. Isaac
Senior Regulatory Specialist
Stepan Company
22 West Frontage Rd.
Northfield, Illinois 60093

Subject: **AC76-5-PW Biocide**
EPA Registration Number 1839-205
Application Dated April 24, 2013
EPA Received April 25, 2013

Dear Mr. Isaac:

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

Proposed Amendment:

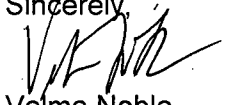
- Revised proposed container disposal statements for compliance with PR Notice 2007-4

General Comments:

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,



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

Enclosure: stamped label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

AC76-5-PW BIOCIDES

For control of Algae and Algae Slime Growth in Swimming Pools, Spas, Whirlpools, Hot Tub Baths and Industrial and/or Commercial Recirculating Cooling Water Towers in Once Through Fresh Water Cooling Systems

ACTIVE INGREDIENTS:

Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chloride.....	49.8%
Dialkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) methyl benzyl ammonium chloride.....	0.2%

INERT INGREDIENTS:	<u>50.0%</u>
TOTAL	100.0%

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 to do so by the 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) You may contact xxx/xxx-xxxx for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

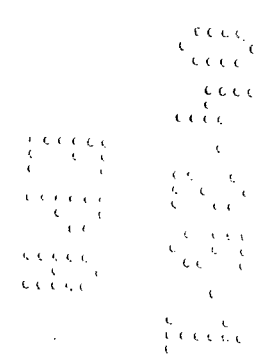
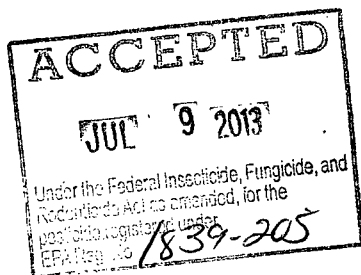
See side panels for additional precautionary statements.

EPA REG. NO. 1839-205
EPA EST. NO. 1839-IL-01

STEPAN COMPANY

22 W. Frontage Road
Northfield, IL 60093

NET CONTENTS



DIRECTIONS FOR USE

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

Do not use water containing residue from use of this product to irrigate crops used for food or feed. Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of this product in any cooling water system that discharges effluent within ¼ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

Swimming Pools

Initial Application:

Ensure all equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH between 7.2 - 7.6. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals. When using other products as outlined in directions for this product, always follow directions on those products. Add 26 fluid oz. Biocide to each 50,000 gallons of water or ration thereof. Add Biocide directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding Biocide. During this period, swimmers should not be allowed into water. If algae growth is visible apply the initial dose. Vacuum pool after 24 hours to remove dead algae. If algae is still visible, repeat dose as necessary until pool is free of visible algae.

Continued Application:

6.5 fluid oz. of Biocide in 50,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active.

Booster Application:

6.5 fluid oz. of Biocide in 50,000 gallons of water after a heavy or prolonged rainfall or while there is a heavy bathing load. The above booster application directions should be followed even when the pools are not in use.

Alternate Winterizing Method

This product may be used with the following pool chemical to form a winterizing "package"
Directions:

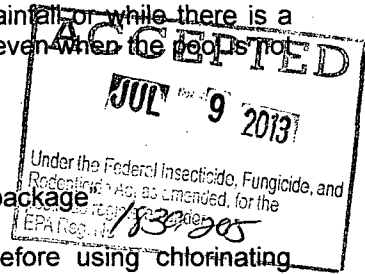
1. Add a maintenance dose of chlorinating compound or oxygen shock. Before using chlorinating compound or oxygen shock, read the Directions for Use and Precautionary Statements specific to that product.
2. If using BACUACIL pop up to 50 ppm. If not, skip to step 3.
3. Add 80 fluid ounces of this product to 50,000 gallons of water in treating water left in pool (16 ounces in 10,000 gallons). This dose helps provide a measure of control algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.
4. Allow filter to run for several hours after chemical additions to good mixing.

When this product is used as directed, it will prevent development of Chlorella pyrenoidosa (green), Phormidium inundatum (black algae), Phorimidium retzi (Square D algae), Lyngba versicolor (blue-green algae), and other swimming pool algae.

This product is compatible with most commonly used swimming pool chemicals, but should not be mixed with soap or other anionic water-treating chemicals. This product works best when added by itself to pool water. This product, at use-dilution, is non-corrosive to inanimate surfaces.

Spas/Whirlpools/Hot Tub Bath

Initial Application: Ensure all equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH between 7.2 - 7.6. Check for metals and if present add stain and scale inhibitor to prevent staining of bath surface due to metals. When using other products as outlined in directions for this product, always follow directions on those products. Initial dose is used upon filling of Spas/Whirlpools/Hot Tub Bath. Add 1 fluid ounce of Biocide per 2,000 gallons of water or ration thereof.



Add Biocide directly into bath by pouring around entire outside perimeter of bath. Allow the filter to run for at least six (6) hours after adding Biocide. During this period, bathers should not be allowed into water.

Maintenance Dose: Add 0.3 fluid ounces of this product per 2,000 gallons of water. Maintenance dose should be added at 3-5 day intervals. If high temperatures prevail or Spas/Whirlpools/Hot Tub Bath has unusually heavy use, add maintenance dose more frequently. Drain and clean Spas/Whirlpools/Hot Tub Bath at least once a month or as needed depending on bather load.

Industrial and/or Commercial Recirculating Cooling Water Towers

Initial Application

When the system is clean or first microbial growth is noticed, add 5.25 to 10.25 fl. oz. (20 to 40 ppm ai) per 1000 gallons of water in the system.

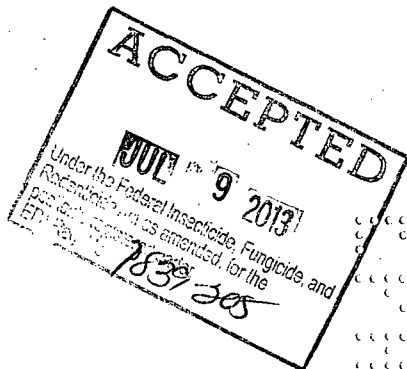
The dosage must be poured into the sump of a system where it will be mixed uniformly. When heavy algae growth is present, the system must be cleaned manually.

Subsequent Application

When control of microbial growth is evident, apply 1.33 to 3.85 fl. oz (5 -15 ppm ai) per 100 gallons of water in the system. The dosage must be poured into the sump of a system where it will be mixed uniformly. This application must repeated twice weekly or as needed. If algae growth is noticeable, apply initial dose. When heavy algae growth is present, the system must be cleaned manually.

Once Through Freshwater Cooling Systems

1. The user must wear safety glasses, protective clothing, rubber gloves and mist filtering respirator (MSHA/NIOSH approval number TC-21C), or NIOSH approved respirator with any N, R, P or HE filter.
2. Add product directly from drum or add the product at a point where it will be mixed uniformly.
3. Add 0.15 fluid ounces of product per 1,000 gallons of water (1-10 ppm product). To reduce foaming, mix 1 part product to 2 parts water prior to addition.
4. Do not discharge without performing proper deactivation. To perform deactivation use Bentonite Clay. The minimum ratio to be used is 5 ppm of clay to 1 ppm of product.
5. Do not use product more than 4 times per year.
6. Treatment time cannot exceed 120 hours/application.
7. Avoid oxidizers and reducing agents.
8. Product is cationic and should not be used with soap or anionic surfactants.



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

DANGER

CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if swallowed. May be fatal if inhaled. May be fatal if absorbed through the skin. Do not breathe spray mist. For handling activities during mist exposures, wear a mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

(Note: If container size is of 5 gallons or greater, the following Environmental Hazards statement must be used.)

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not mix with soap or anionic materials.

STORAGE AND DISPOSAL

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

STORAGE – Store in original container. Keep from freezing

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 Industrial, Institutional, Commercial Products)

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

Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after flow begins to drip. Fill container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

(For Household/Residential Products)

CONTAINER DISPOSAL - Nonrefillable container. Do not reuse or refill this container. Wrap container and discard in trash. Offer for recycling, if available. Store in original container in a locked storage area inaccessible to children.

