

1839-205

11/13/2013

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

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

NOV 13 2013

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: **AC76-5-PW Biocide**
EPA Registration Number 1839-205
Application Dated July 31, 2013
EPA Received August 2, 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:

- Label corrections

General Comments:

Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and it's implementing regulation at 40 CFR 152.3.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Velma Noble".

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

Enclosure: stamped label

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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.

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 pool is not in use.

Alternate Winterizing Method

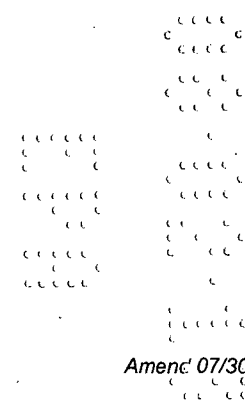
This product may be used with the following pool chemical to form a winterizing "package".

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 BAQUACIL™ 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.



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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 1,000 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 Fresh Water 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.

