

72372-1

02/03/2010

1/6



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Luann Maloney  
Regulatory Manager for,  
FMC Corporation  
Peroxygens Division  
1735 Market Street  
Philadelphia, PA 19103

FEB - 3 2010

Subject: B-Cap 35  
EPA Registration Number 72372-1  
Your Amendment Dated January 5<sup>th</sup>, 2010  
EPA Received Date January 6<sup>th</sup>, 2010

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add a table that clarifies the injection rate of 10g/minute for 2.5 hour, is acceptable.

This notification has been made part of the file.

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

A handwritten signature in cursive script that reads "Marshall Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510P)

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United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 72372-1	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>B-Cap 35 Antimicrobial Agent</b>	PM# Team 33	
5. Name and Address of Applicant (Include ZIP Code) FMC Corporation Peroxygens Division 1735 Market Street Philadelphia, PA 19103  <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  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.)

Notification of a minor label changes permitted under PR Notice 98-10

Please refer to the attached cover letter for additional information.

## Section III

1. <b>Material This Product Will Be Packaged In:</b>				2. <b>Type of Container</b>	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" 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 checked="" type="checkbox"/> Metal	
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* <b>Certification must be submitted.</b>					
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 500 mL, 5, 30, 55, 300-400, 4000 gal.		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. <b>Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
Name Catherine Rice	Title Scientist, Keller and Heckman, LLP	Telephone No. (Include Area Code) 202-434-4145
<b>Certification</b> 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 	3. Title Agent for FMC Corporation	
4. Typed Name Catherine Rice	5. Date 1-5-2010	

**KH**<sup>®</sup> **KELLER AND HECKMAN LLP**  
*Serving Business through Law and Science<sup>®</sup>*

1001 G Street, N.W.  
 Suite 500 West  
 Washington, D.C. 20001  
 tel. 202.434.4100  
 fax 202.434.4646

Writer's Direct Access  
**Catherine Rice**  
 (202) 434-4145  
 Rice@khlaw.com

January 5, 2010

**Via Messenger**

Document Processing Desk (NOTIF)  
 US Environmental Protection Agency  
 Room S-4900, One Potomac Yard  
 2777 South Crystal Drive  
 Arlington, VA 22202-4501

To: Marshall Swindell (7510P)  
 Product Manager 31  
 Regulatory Management Division Branch I

Re: Registrant: FMC Corporation, Peroxygens Division  
 Product: B-Cap<sup>™</sup> 35 Antimicrobial Agent (EPA Reg. No. 72372-1)  
 Notification of minor label changes permitted under PR Notice 98-10

Dear Marshall:

On behalf of our client, FMC Corporation, Peroxygens Division, we are notifying the EPA of a minor change to the B-Cap<sup>™</sup> 35 Antimicrobial Agent label. We believe that this change is allowed under PR Notice 98-10, Section II (Labeling Notification), M (Directions for Use) 2 (Addition of tables which present the same use directions already approved by EPA in narrative form).

This change relates to the BIOQUELL portion of the label and only affects "For enclosures greater than 35 cubic feet to a maximum of 3500 cubic feet." In this section, we are adding the following table that clarifies the injection rate of 10 g/minute for 2.5 hour. This new table is as follows:

Volume to be treated	B-Cap <sup>™</sup> 35 Antimicrobial Agent	Number of 500 mL Packages required
Up to 35 cubic feet	170.5 g	1
36-3500 cubic feet	1500 g	3

No other changes to the label are being made.

Attached are five copies of the proposed label along with one highlighted label.

4/6.

**KELLER AND HECKMAN LLP**

Marshall Swindell

January 5, 2010

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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.

Please contact me at the above number if you have any questions.

Sincerely,



Catherine Rice  
Scientist

Cc: LuAnn Maloney, FMC  
John Dubeck

# B-Cap™ 35 Antimicrobial Agent

**For Industrial Use Only –  
Not for human consumption or household use**

**EPA Registration No. 72372-1  
EPA Est. No. 65402-TX-001  
60156-IL-001**

**B-Cap™ 35 Antimicrobial Agent is for use as a  
sterilant in conjunction with BIOQUELL Clarus™  
hydrogen peroxide vapor generating equipment.**

**B-Cap™ 35 Antimicrobial Agent is for biofouling  
and slime control in:**

- **Pulp and paper mill systems**
- **Recirculating and once through cooling  
water systems**
- **Pasteurizer cooling water systems**
- **Process Waters**
- **Biocidal control in packaging and storage  
vessels**

Active Ingredients: Hydrogen Peroxide.....35%

Inert Ingredients: .....65%  
Total .....100%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**FMC** and B-Cap™ are trademarks of FMC Corporation



**FMC Corporation  
Peroxygens Division  
1735 Market Street  
Philadelphia Pennsylvania 19103**

## Precautionary Statements

### Hazards to Humans and Domestic Animals

#### DANGER

Corrosive, causes eye and skin damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Do not breathe vapor or spray mist. Do not enter an enclosed area without proper respiratory protection.

#### Physical or Chemical Hazards

Strong oxidizing agent. Mix only with water. B-Cap™ 35 Antimicrobial Agent is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate or promote combustion of other materials.

#### Environmental Hazards

This pesticide is toxic to birds, mammals, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with 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.

Any solution released from the system should be diluted with water and tested for residuals to ensure that there is less than 3 ppm peroxyn remaining.

#### 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 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.

##### If swallowed

- Call 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 a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

Net Contents: 55 Gallons 500 pounds

5. Aerate the chamber using the BIOQUELL HPV generator until hydrogen peroxide vapor is at or below 1.0 ppm. See the BIOQUELL Use Manual for complete instructions for aeration and recommended methods of measuring hydrogen peroxide vapor.

**For Enclosures Greater than 35 Cubic Feet to a Maximum of 3500 Cubic Feet**

1. Ensure that all porous and non-porous surfaces are visibly clean and free from gross organic contamination.
2. Connect the BIOQUELL HPV generator and add B-Cap® 35 Antimicrobial Agent according to the Use Manual instructions. Seal the enclosure to be sterilized.
3. Apply B-Cap® 35 Antimicrobial Agent at an injection rate of 10 g/minute for 2.5 hours.

Volume to be treated	B-Cap® 35 Antimicrobial Agent Required	Number of 500 mL Packages Required
Up to 35 cubic feet	170.5 g	1
36 – 3500 cubic feet	1500 g	3

4. Allow vapor to remain for a minimum of 15 minutes.
5. Aerate the chamber using the BIOQUELL HPV generator until hydrogen peroxide vapor is at or below 1.0 ppm. See the BIOQUELL Use Manual for complete instructions for aeration and recommended methods of measuring hydrogen peroxide vapor.

**In all applications, always prepare a new solution daily to ensure effectiveness. Do not reuse solutions. Dispose of any unused solution.**

**EMERGENCY TELEPHONE NUMBERS (24 HOURS)**  
**MEDICAL: COLLECT 303-595-9048**  
**TRANSPORTATION: 800-424-9300**  
**OTHER: 609-924-6677**

**For more information see Material Safety Data Sheet**

**Proper Shipping Name:**  
**Hydrogen peroxide,**  
**aqueous solution with not**  
**less than 20 percent but**  
**not more than 40 percent**  
**hydrogen peroxide.**

**UN 2014**

**Ver. 01-05-2010**

