

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

The Dow Chemical Company
1803 Building
Midland, MI 48674

NOV 21 2006

Attention: Abigail Trueblood
Regulatory Specialist

Subject: BIOBAN CS-1246 Antimicrobial
EPA Registration No. 464-667
Notification Dated November 3, 2006

This will acknowledge receipt of your notification addition of the qualifier "Produced for" above the company name, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

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

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)

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Print Form



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 464-667	2. EPA Product Manager M. Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BIOBAN ^{CS} -1246 Antimicrobial	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) The Dow Chemical Company 1803 Building Midland, MI 48674 <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: 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.)

Addition of the qualifier "Produced for" above the company name
Please see attached sheet for additional information

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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"/> Text <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 55 gal and 5 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 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 Abigail Trueblood	Title Regulatory Specialist	Telephone No. (Include Area Code) 847-808-3555
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>Abigail Trueblood</i>	3. Title Regulatory Specialist	
4. Typed Name Abigail Trueblood	5. Date 11/3/86	



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November 3, 2006

The Dow Chemical Company
1500 E. Lake Cook Road
Buffalo Grove, IL 60089
USA

Mr. Marshall Swindell/ PM33
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Office of Pesticide Programs
Antimicrobials Division
One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Re: Notification of Addition of Qualifier "Produced for"
above Company Name
BIOBAN™ CS-1246 Antimicrobial (EPA Reg. No. 464-667)

Dear Mr. Swindell:

The Dow Chemical Company (Dow) seeks to notify USEPA of the following change to the product label for BIOBAN CS-1246 Antimicrobial:

- addition of qualifier "Produced for" above the company name

Enclosed are the following:

- EPA Form 8570-1, *Application for Registration* (with attached sheet)
- One copy of the proposed label with changes highlighted

If you have any questions concerning this submission, please contact me.

Sincerely,

Abigail Trueblood
Regulatory Specialist
atrueblood@dow.com
(847)-808-3555

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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 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.

BIOBAN™ CS-1246

ANTIMICROBIAL AGENT FOR CONTROL OF BACTERIA IN AQUEOUS SYSTEMS

Active Ingredients:

7 a-Ethyldihydro-1H, 3H,
5H-oxazolo[3,4-C] oxazole 97.0%
Inert Ingredients 3.0%
TOTAL 100%

E.P.A. Registration No. 464-667

E.P.A. Est.

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
**CAUSES EYE DAMAGE AND SKIN
IRRITATION · HARMFUL IF
INHALED OR SWALLOWED · MAY
BE FATAL IF ABSORBED
THROUGH SKIN**

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



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.

(989) 636-4400

* Trademark of THE DOW CHEMICAL COMPANY

76993-3/31/2003-1824

FIRST AID:	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first five minutes, then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 by a poison control center or doctor.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth to mouth, if possible. • Call a poison control center or doctor for further treatment.
HOT LINE NUMBER	
<p>IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect (989)636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

ENVIRONMENTAL HAZARDS

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

Storage: Store in a cool (less than 100°F) dry location. Keep container tightly closed when not in use. Do not store near strong (concentrated) acids. Do not contaminate water, food, or feed by storage or disposal.

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.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

FOR USE IN:

WATER-BASED METALWORKING FLUID

To inhibit the growth of bacteria, add 0.04 to 0.2% (400-2000ppm) of Bioban CS-1246 directly to the use diluted fluid. Not for use in non-aqueous concentrates.

ADHESIVES (NON-FOOD CONTACT)

For control of microbial contamination, add 0.04 to 0.2 lb of Bioban CS-1246 per 100 lb total formulation weight.

PAINTS, INKS, EMULSIONS AND SLURRIES

Bioban CS-1246 is effective as a preservative in water-containing systems, such as latex paints and inks, resin emulsions, wax emulsions, and slurries at a concentration of 0.04 to 0.2 lb per 100 lb total formulation weight. Bioban CS-1246 may be added at any point in the manufacturing cycle. The recommended rate for preservation of inks and latex paints is 0.04 to 0.2 lb per 100 lb of the formulation. The recommended rate for preservation of resin emulsions is approximately 0.1 lb per 100 lb of the formulation. For slurries recommended rates are 0.04 to 0.2 lb per 100 lb.

SURFACTANT PRESERVATION

To inhibit bacterial spoilage during shelf-life storage and the use of bulk anionic, nonionic amphoteric and cationic surfactants when supplied for the manufacture of industrial and consumer products. Bioban CS-1246 may be added at any convenient point during the manufacturing process. Bioban CS-1246 should be dosed at 0.04 to 0.2 lb per 100 lb based on the final formulation volume.

CONSUMER, HOUSEHOLD AND INSTITUTIONAL PRODUCTS

To inhibit bacterial spoilage during the production and shelf-life storage and use of consumer, household and institutional products, including dishwashing liquids, surface cleaners, laundry cleaners and polishes. Dose at 0.04 to 0.2 lb per 100 lb (400-2000ppm). Not for use where contact of food will occur.

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