

464-685

4/24/2009

1/6

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



Office of Pesticide Programs

APR 24 2009

The Dow Chemical Company  
574 Building, Office 2044  
Midland, MI 48674

Attention: Rhonda Vance-Moeser  
Senior Regulatory Specialist

**Subject: BIOBAN™ BP 30 Preservative**  
EPA Registration No. 464-685  
Notification Dated March 24, 2009

This will acknowledge receipt of your notification to revise the container disposal statement on the label in response to PR Notice 2007-4, 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

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



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 464-685	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) The Dow Chemical Company/BIOBAN BP 30 Preservative	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: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to update label in response to PR Notice 2007-4. Enclosed cover letter reflects the required Notification statement.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* 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  
 Label  Container

4. Size(s) Retail Container

5. Location of Label Directions  
 On Label  
 On Labeling accompanying product

6. Manner in Which Label is Affixed to Product  
 Lithograph  
 Paper glued  
 Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Rhonda Vance-Moeser	Title Sr. Regulatory Specialist	Telephone No. (Include Area Code) (989) 636-1884
-----------------------------	------------------------------------	-----------------------------------------------------

**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.

2. Signature  
*Rhonda Vance-Moeser*

3. Title  
Sr. Regulatory Specialist

4. Typed Name  
Rhonda Vance-Moeser

5. Date  
*March 24, 2009*

6. Date Application Received (Stamped)

2/6



The Dow Chemical Company  
Midland, Michigan 48667

March 24, 2009

Overnight Mail

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U. S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, Virginia 22202-4501

**RE: NOTIFICATION – EPA REG. NO. 464 – 685  
BIOBAN™ BP 30 PRESERVATIVE**

Dear Mr. Swindell,

The Dow Chemical Company (Dow) hereby submits a Notification application to revise the container disposal statement on the label in response to PR Notice 2007-4. In order for the application to be processed the required Notification statement is below.

**“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 enforcement action and penalties under section 12 and 14 of FIFRA”**

Enclosed are the following documents to support this Notification

- 1) Completed application for Pesticide Registration, Form 8570-1.
- 2) One marked copy of the label indicating the change highlighted in yellow.
- 3) Two copies of final label.

Please contact me if you have any questions or need additional information.

Sincerely,

Rhonda Vance-Moeser  
Senior Regulatory Specialist  
574 Building, Office 2044  
Midland, MI 48667  
Phone: (989) 636-1884  
e-mail: [rgvmoeser@dow.com](mailto:rgvmoeser@dow.com)

Enclosures

# BIOBAN™ BP-30 Preservative

Active Ingredient(s)  
 2-Bromo-2-nitropropane-1,3-diol . . . 30.0%  
 Inert Ingredient(s) . . . . . 70.0%  
 Total 100.0%

E.P.A. Registration No. 464-685  
 E.P.A. Est. No. 5905-1A-01

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CORROSIVE · MAY CAUSE IRREVERSIBLE EYE DAMAGE · HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN, OR INHALED · MAY CAUSE SKIN BURNS · PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTION IN SOME INDIVIDUALS**

**Do Not Breathe Vapor or Spray Mist · Do Not Get In Eyes, On Skin, Or On Clothing · Wear Goggles and Chemical Resistant Gloves · Wash Thoroughly With Soap and Water After Handling and Before Eating, Drinking, or Using Tobacco · Remove Contaminated Clothing and Wash Clothing 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. Do not contaminate water by cleaning of equipment or disposal of waste.

Produced for:



**The Dow Chemical Company**  
 Midland, Michigan 48674 U.S.A.  
 (989)636-4400

®TM Trademark of The Dow Chemical Company  
 ("Dow") or an affiliated company of Dow  
 Made in U.S.A.

84061P-00162322-03/24/2008-PE0808

FIRST AID:	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Wash immediately and continuously with flowing water for at least 30 min</li> <li>Remove contact lenses after the first 5 minutes and continue washing.</li> <li>Obtain prompt medical consultation, preferably from an ophthalmologist.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration if possible.</li> <li>Call a poison control center or doctor for further treatment.</li> </ul>
HOT LINE NUMBER	
<b>IN CASE OF AN EMERGENCY</b> endangering life or property involving this product, call local container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

### LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Keep away from heat.

**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 of the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose in sanitary landfill or by other procedures approved by local and state authorities.

### DIRECTIONS FOR USE

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

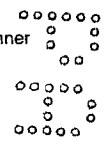
### GENERAL USE DIRECTION

To control the growth of corrosion inducing bacteria for control of algae in the BIOBAN BP-30 Preservative pouring or by metered pump cooling water systems; a use and application method For in-can product preservative added to any liquid ph manufacturing process and product has cooled below distribution throughout the p Applicators and other hand pants, socks plus shoes. apply this product in a way. Follow manufacturer's inst protective equipment (PPE washables, use detergent separately from other laun materials that have been di product's concentrate. Do r before eating, drinking, ch toilet. If pesticide gets ins wash thoroughly, and put i PPE immediately after han gloves before removing. A change into clean clothing.

### INDUSTRIAL RECIRCULATED EVAPORATIVE CONDENSATE

BIOBAN BP-30 PRESERVATIVE or basin; it may be added metering pumps are used, dose within 1 hour. The discharge outlet from the basin to ensure BIOBAN BP-30 PRESERVATIVE at 70-250 ml/cubic meter of active ingredient) depending of raw water input and the system is heavy more frequent dc systems, the tower should be BIOBAN BP-30 PRESERVATIVE

**NET WT: 226.8 kg / 500 lb**  
**LOT**



# BP-30 Preservative

30.0%  
70.0%  
100.0%

REN

als

ERSIBLE  
LOWED,  
IN, OR  
URNS  
PEATED  
LBERGIC

Do Not  
Wear  
gloves  
After  
Using, or  
Contaminated  
Clothing

It containing  
and or other  
of a National  
emit and the  
discharge.  
ver systems  
ment plant  
or Board or  
by cleaning

NET WT: 226.8 kg / 500 lb

LOT

FIRST AID:	
IF IN EYES:	<ul style="list-style-type: none"> <li>Wash immediately and continuously with flowing water for at least 30 minutes.</li> <li>Remove contact lenses after the first 5 minutes and continue washing.</li> <li>Obtain prompt medical consultation, preferably from an ophthalmologist.</li> </ul>
IF SWALLOWED:	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN:	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment.</li> </ul>
HOT LINE NUMBER	
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.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

## LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Keep away from heat.

**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 of the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose in sanitary landfill (or by other procedures approved by local and state authorities).

## DIRECTIONS FOR USE

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

## GENERAL USE DIRECTIONS

To control the growth of slime-forming, spoilage, odor-causing and corrosion inducing bacteria and algae in industrial applications. **Not for control of algae in the State of California.**

BIOBAN BP-30 Preservative can be dosed directly either by open pouring or by metered pump. Do not apply by open pouring of liquid to cooling water systems; a metering pump system is required for this use and application method.

For in-can product preservation BIOBAN BP-30 Preservative is best added to any liquid phase as late as possible during the manufacturing process and after any heating stage, or when the product has cooled below 40°C. Ensure good mixing and even distribution throughout the product.

Applicators and other handlers must wear long-sleeve shirt and long pants, socks plus shoes, and chemical resistant gloves. Do not apply this product in a way that will contact workers or other persons. Follow manufacturer's instruction for cleaning/maintaining personal protective equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. If pesticide gets inside clothing remove clothing immediately, wash thoroughly, and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS

BIOBAN BP-30 PRESERVATIVE may be dosed directly into the sump or basin; it may be added by a suitable chemical pump. Where metering pumps are used, these must be set to deliver the required dose within 1 hour. The dosing point should be located close to the outlet from the basin to ensure rapid dispersal around the system.

BIOBAN BP-30 PRESERVATIVE may be dosed once or twice weekly at 70-260 ml/cubic meter or 0.56-2.2 pt/1000 gallons (25 to 100 ppm active ingredient) depending on the condition of the tower, the quality of raw water input and the amount of bleed off. Where contamination is heavy, more frequent dosing may be required. In heavily fouled systems, the tower should be drained and cleaned before treating with BIOBAN BP-30 PRESERVATIVE.

**INDUSTRIAL PROCESS**  
For use in closed circuit stored (non-potable) water exchangers, condenser exchangers, Shock dosing system is preferred. Chlorine dosing.  
In open systems, shock weekly to once month contamination.

Initially dose at 140-ml/active ingredient). When minimum level equivalent treatment or during Preservative at 100 ppm least one hour.

**OIL AND GAS FLUIDS**  
This product may be use packer fluids.  
Use for in-can preservative fracturing, enhanced oil workover and completion Add BIOBAN BP-30 Pre pt/1000 gallons, or 0.047 ppm active ingredient.  
For well squeezed fluids ml/cubic meter, or 0.5 ingredient).

**OIL PROCESS WATERS**  
For use in oil and gas water Inject BIOBAN BP-30 P and formation waters 2 gallons or 0.0235-0.093 slug dose should be applied depending on the severity

**METALWORKING FLUID**  
For use in soluble oils directly to the sump (with for about one hour before In diluted fluids, add 700 gallon (250-1000 ppm maintenance add 280-1 gallon (100-400 ppm active the afternoon before start where significant contamination BIOBAN BP-30 Preserv fluid concentrate by the incompatibility will not a

**ADHESIVES**  
For control of microbial BP-30 Preservative per is best accomplished incorporated into the

**PAPER MILL PROCESS**  
Apply at a convenient chest, constant head box Shock dose one, twice process water. This equ of finished paper or paper system, quality of raw paper

**PAPER MILLS-PULK PU**  
Add BIOBAN BP-30 F machine chest or stock Add BIOBAN BP-30 P between 150 and 560 ppm (50-200 ppm active ingredient) contamination.

**ABSORBENT CLAYS**  
For in-can preservation, earth, septolite and attapulgite spraying or pouring 7.0 lb of clay (25-200 ppm active

5/6

