

464-687

3/18/2009

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



Office of Pesticide Programs

The Dow Chemical Company
1803 Building
Midland, Mi 48674

MAR 18 2009

Attention: Maureen Miksztal

Subject: BIOBAN BP-M Preservative
EPA Registration No. 464-687
Amendment Dated January 30, 2009

The amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to include a minor modification to the precautionary statements on the label, is acceptable.

A stamped copy of the "accepted" labeling is enclosed for your records.

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

Sincerely,

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

Enclosure

BIOBAN™

BP-M Preser

Active Ingredient(s)

2-Bromo-2-nitropropane-1,3-diol . 99.0%

Inert Ingredient(s) 1.0%

Total 100.0%

E.P.A. Registration No. 464-687

E.P.A. Est. No. 84502-CHN-001

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CORROSIVE • **CAUSES**
IRREVERSIBLE EYE DAMAGE • **MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN** • **CAUSES** SKIN IRRITATION • **HARMFUL IF INHALED** • **PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTION IN SOME INDIVIDUALS**

Do not get in eyes, on skin or on clothing. Do not breathe dust. Wear goggles and chemical resistant rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing ~~before reuse.~~

with **COMMENTS**
EPA Letter Dated:

Produced for:

MAR 18 2009



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

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 China

464-687

FIRST AID:	
IF IN EYES:	<ul style="list-style-type: none"> Wash immediately and continuously with flowing water for at least 30 r Remove contact lenses after the first 5 minutes and continue washing; Obtain prompt medical consultation, preferably from an ophthalmologis
IF SWALLOWED:	<ul style="list-style-type: none"> 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 the poison control center Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<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 advice.
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, preferably mouth to mouth, if possible. Call a poison control center or doctor for further treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use

HOT LINE NUMBER

IN CASE OF AN EMERGENCY endangering life or property involving this product, call cc container or label with you when calling a poison control center or doctor or going for treatment.

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 AND CHEMICAL HAZARDS

Avoid contact with metal equipment such as scoops, mills or sieves.

STORAGE AND DISPOSAL

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 at the nearest EPA Regional Office for guidance.

Container Disposal: C tapping sides and bottom i into application equipmen by incineration, if allowed stay out of smoke.

LIMITED WARRANTY / Seller warrants that the pr as contained on this labr stated on this label when normal conditions of use **PARAGRAPH ARE SE RESPECT TO THE PRO LIEU OF AND EXCLUI MERCHANTABILITY O PURPOSE AND ALL REPRESENTATIONS AT**

DIRECTIONS FOR It is a violation of Fe manner inconsistent y

NET WT: 25 kg/55.12 lb

LOT

84057-3-09/15/2008

PE 01 2009 (0109)

3/4

BAN™ BP-M Preservative

Propane-1,3-diol . 99.0%
..... 1.0%
Total 100.0%

No. 464-687
4502-CHN-001

EACH OF CHILDREN



STATEMENTS

and Domestic Animals

CAUSES

THE DAMAGE MAY BE

SWALLOWED OR

ROUGH SKIN

IRRITATION HARMFUL IF

INGESTED OR

REPEATED SKIN

CAUSE ALLERGIC

REactions IN SOME INDIVIDUALS

on skin or on clothing. Do

not wear goggles and chemical

goggles. Wash thoroughly

after handling and before

using tobacco. Remove

before reuse.

COMMENTS

EPA Letter Dated:

MAR 18 2009

is a Federal Insecticide,

and Rodenticide Act as

defined for the pesticide,

under EPA Reg. No.

S.A.

464-687

Dow Chemical Company

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NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	
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.	

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.

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Container Disposal: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of liner in a sanitary landfill, or by incineration, if allowed by state and local authorities. If burned, stay out of smoke.

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.

DIRECTIONS FOR USE

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

NET WT: 25 kg / 55.12 lb

LOT

84057-3-09/15/2008

PE 01 2009 (0109)

A Preservative

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Remove contaminated clothing.	
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Go to a poison control center or doctor for treatment advice.	
Move person to fresh air.	
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For use by manufacturers in formulating products 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 California.** Formulators using this product are responsible for obtaining EPA registration for their formulated product and for providing appropriate data.

For use in formulation of antimicrobial products as follows:

- Industrial recirculating water cooling towers and evaporative condensers
- Produced water
- Industrial process water
- Oil Production:
 - Drilling fluids and workover and completion fluids
 - Pipeline maintenance
 - Oilfield waterflooding
 - Injection fluids
 - Enhanced oil recovery fluids
 - Well squeeze fluids
 - Fracturing fluids
 - Water bottoms in oil or transportation tanks
- Paper production:
 - Paper mill process water
 - Paper mills - bulk pulp
- Water-based printing inks and fountain solutions
- Industrial and/or commercial air washers
- Industrial and/or commercial air conditioning and humidifying systems
- Metalworking fluids
- Absorbant clay, corn cobs, and ground wood
- Paints, water-based coatings application tanks, and latex and antifoam emulsions
- Chemical toilet deodorants
- Starch, pigment and extender slurries
- Adhesives
- Raw materials
- Surfactants
- Consumer, household and institutional products
- Water based agricultural pesticide concentrates

Do not discharge effluent containing this product into streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the discharge is authorized in writing prior to discharge. Do not discharge this product to sewer systems unless authorized by your local sewage treatment plant or your State Water Board or other authority.

HAZARDS

Caution: Irritant. Avoid contact with skin, eyes, nose, mouth, or clothing. Do not breathe dust, fumes, or spray. Wash thoroughly with soap and water after use. Do not contaminate water, food, or feed by storage or disposal. Do not store in heat. Do not mix with other chemicals. Spills and leaks should be cleaned up immediately. Do not use if container is damaged, leaking, or rusted. Do not use if contents are empty. Do not use if contents are solid. Do not use if contents are liquid. Do not use if contents are gas. Do not use if contents are powder. Do not use if contents are granules. Do not use if contents are crystals. Do not use if contents are fibers. Do not use if contents are other.

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kg / 55.12 lb

**2-BROMO-2-NITRO
 PROPANE-1,3 DIOL
 UN3241**

Apply Flammable Solid 4 label.