

464-687

8/19/2008

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

AUG 19 2008



Office of Pesticide Programs

The Dow Chemical Company
1803 Building
Midland, Mi 48674

Attention: Maureen Mikszal
Senior Regulatory Specialist

Subject: BIOBAN™ BP-M Preservative
EPA Registration No. 464-687
Amendment Dated March 27, 2008

The submitted Product Chemistry Data (MRID #473901-01 thru #473901-03) under Guidelines 830.1620, 830.1600 and 830.1700 for the description of material and description of formulation of process was reviewed and found to be acceptable. The five batches of analysis are acceptable.

The request to modify the First Aid Eye statement and to add a Limited Warranty and Disclaimer statement is acceptable.

A stamped copy of the "accepted" labeling and Product chemistry review is enclosed for your records.

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

Sincerely,

A handwritten signature in black ink that reads "Marshall Swindell".

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

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. 81204-CHN-001

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
CORROSIVE • MAY CAUSE IRREVERSIBLE EYE DAMAGE • MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN • MAY CAUSE 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 and wash before reuse.

Produced for:



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.

(989)336-4400

®/™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

** Trademark of ANGUS Chemical Company
 A Subsidiary of The Dow Chemical Company
 Made in China

FIRST AID:	
IF IN EYES:	<ul style="list-style-type: none"> Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.
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 or doctor. 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 of certain drugs.	
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 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: Do not tap sides and bottom to into application equipment. by incineration, if allowed by local regulations. Do not burn. Do not stay out of smoke.

LIMITED WARRANTY AND LIMITED LIABILITY: Seller warrants that the product as contained on this label complies with the normal conditions of use. PARAGRAPH ARE SEL RESPECT TO THE PRODUCT. THIS WARRANTY DOES NOT INCLUDE MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE AND ALL REPRESENTATIONS AND WARRANTIES ARE HEREBY DISCLAIMED.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with the directions on the label.

NET WT: 25 kg / 55.12 lb

LOT

84057-3-4/30/2007-1740 PE0307

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N** BP-M Preservative

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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 or doctor. 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 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.

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 pesticides, 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.

NET WT: 25 kg / 55.12 lb

LOT

84057-3-4/30/2007-1740 PE0307

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.

ACCEPTED
with **COMMENTS**
EPA Letter Dated:

AUG 19 2008

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

464-687

- For use by ma control the g odor-causing an industrial applic **California.** responsible for formulated prod For use in formu follows:
- Industrial recir evaporative c
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 - Industrial proc
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 - Drilling fluic
 - Pipeline ma
 - Oilfield wat
 - Injection flu
 - Enhanced (
 - Well squee
 - Fracturing f
 - Water bottc
 - Paper product
 - Paper mill p
 - Paper mills
 - Water-based p
 - Industrial and/
 - Industrial and/ humidifying s
 - Metalworking
 - Absorbant cla
 - Paints, water-latex and anti
 - Chemical toile
 - Starch, pigme
 - Adhesives
 - Raw materials
 - Surfactants
 - Consumer, hc
 - Water based

Preservative

FIRST AID:

Immediately and continuously with flowing water for at least 30 minutes. Contact lenses after the first 5 minutes and continue washing. Prompt medical consultation, preferably from an ophthalmologist.

Control center or doctor immediately for treatment advice. Sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. Do not go to control center or doctor for treatment advice.

Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible. Do not go to control center or doctor for further treatment.

Severe mucosal damage may contraindicate the use of gastric lavage.

HOT LINE NUMBER

In case of an endangering life or property involving this product, call collect (989)636-4400. Have the product name and go to a poison control center or doctor or going for treatment.

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

HAZARDS
Irritant to eyes, skin, and respiratory tract. Harmful if inhaled. May be fatal if swallowed and enters airways.

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

Do not breathe dust.

Wastes are acutely hazardous. Do not mix with other pesticides, herbicides, or fertilizers. Do not spray mixture, or rinseate is a hazardous waste. Wastes cannot be disposed of by incineration. Contact your State Pesticide or Fertilizer Control Agency, or the Hazardous Waste Regional Office for guidance.

55.12 lb

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.

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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
- Absorbent 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

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

Apply Flammable Solid 4 label.