

707-321

04/04/2010

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
 Office of Pesticide Programs  
 Antimicrobials Division (7510C)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

EPA Reg. Number:  
 707-<sup>321</sup>GER

Date of Issuance  
 APR - 4 2010

Term of Issuance:  
**Conditional**

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

Name of Pesticide Product:  
**Bioban MT 20 Antimicrobial**

Name and Address of Registrant (include ZIP Code):

Valeria T. Phillip  
 Rohm and Hass Co.  
 727 Norristown Road. PO box 904  
 Spring House, PA 19477

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis the of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all the data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit required by registration review under FIFRA Section 3(g).
2. Make the following labeling changes:  
 The following revision to the product label are recommended.

Signature of Approving Official:

Mashall Swindell  
 Product Manager Team-33  
 Regulatory Management Branch I  
 Antimicrobials Division (7510P)

Date:

APR - 4 2010

- a. Beneath the **“Storage and Disposal”** heading of the product label, add the following statement: **“Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.”** This statement is currently located under the **“Pesticide Storage”** subheading of the product label.
  - b. Place the **“Storage and Disposal”** section of the product label in a text box for prominence.
  - c. Under the **“Pesticide Storage”** section of the product label add instructions that specify what to do if the product leaks or spills from the product container.
  - d. Add page numbers to each page of the product label.
3. e. Remove the following language from the **“ Precautionary Statement”** and replace it with the following statement:

“Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing, Do not breathe vapor or spray mist. Wear goggles, face shield or safety glasses. Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides ( MSHA/ NIOSH approval number prefix TC-23) or a canister approved for pesticides (MSHA/ NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE, prefilter. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using restroom. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

- 4. f. Under the subheading, **“Direction for use”** remove the following statement.  
 “To be used only by Technically qualified persons”.

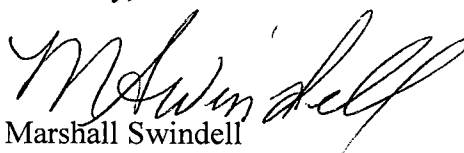
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6 (e). Your release for shipment of the product constitutes acceptance of these conditions.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact Marshall Swindell at (703) 308-6341 or by email at [swindell.marshall@epa.gov](mailto:swindell.marshall@epa.gov)

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Sincerely,



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

Enclosures: (Stamped Label)



Then 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. This product may cause skin sensitization reactions in some people.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. 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. Apply this pesticide only as specified on this label.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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**

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 of in a sanitary landfill, or by procedures approved by state and local authorities.

**GENERAL**

CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES

**CONDITIONS OF SALE AND WARRANTY**

Rohm and Haas warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. ~~ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.~~ **ACCEPTED with COMMENTS**

Date of Manufacture:  
EPA Reg. No. 707-XXX  
EPA Est. No.

**EPA Letter Dated:**  
**APR - 4 2010**

**DIRECTIONS FOR USE**

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

In accordance with the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide, registered under EPA Reg. No. 707-321

**TO BE USED ONLY BY TECHNICALLY QUALIFIED PERSONS.**

Refer to the table at the end of this section for dosing details for the following applications:

**IN-CONTAINER PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended as an in-container preservative for the control of bacteria and fungi in industrial and household consumer products, including all-purpose household and industrial liquid cleaners, furniture and floor care products, liquid laundry products, fabric softeners, air fresheners, automotive products, car washes, polishes for floors and furniture, shoe polishes, moist sponges and wipes or towelettes, spray starch, waxes and automotive polishes, carpet cleaners and spot removers, hand and automatic dish detergents, raw materials for cleaning products, such as surfactants and silicone emulsions.

**SURFACTANT CONCENTRATES**

BIOBAN™ MT 20 Antimicrobial is recommended as a preservative for the control of bacteria and fungi in surfactants used in industrial and household consumer products.

**MINERAL DISPERSIONS PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in the manufacture and storage of mineral dispersions.

**PRINTING FLUID PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in water-based printing inks such as flexographic, gravure screen and ink jet printing inks.

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in the manufacture and storage of printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners.

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in fountain solutions used for lithographic printing operations. BIOBAN™ MT 20 Antimicrobial should only be used in those fountain solution concentrates that are automatically diluted prior to use.

BIOBAN™ MT 20 Antimicrobial is also recommended as a preservative for photoplate processing chemicals such as stabilizer solutions. BIOBAN™ MT 20 Antimicrobial should be added to the fountain solution or processing chemical concentrate at a level to ensure that the final use-dilution fluid will contain the desired concentration.

**PHOTOGRAPHIC EMULSION PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended as an in-container preservative for the control of bacteria and fungi in the manufacture and storage of aqueous based materials such as gel solutions, dispersions and emulsions used in the manufacture of photographic products.

To ensure uniform distribution, slowly disperse BIOBAN™ MT 20 Antimicrobial into product with agitation. Mix thoroughly until evenly dispersed throughout the product.

NOTE: Regardless of the manner of incorporation the total active ingredient in the system should at no time exceed 150 ppm in the final use dilution

lbs. of product per 1000 lbs. fluid	kg of product per 453 kg fluid	ppm of BIOBAN™ MT 20	ppm active ingredient
0.125 lbs.	0.057 kg	125 ppm	25 ppm
0.75 lbs.	0.34 kg	750 ppm	150 ppm

Refer to the table at the end of this section for dosing details for the following applications

**POLYMER LATEX PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended for the control of in the manufacture and storage of synthetic and natural polymer lattices.

**ELECTRONIC CHEMICALS PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in electronic chemicals.

lbs. of product per 1000 lbs. fluid	kg of product per 453 kg fluid	ppm of BIOBAN™ MT 20	ppm active ingredient
0.5 lbs.	0.23 kg	500 ppm	100 ppm
0.1.25 lbs.	0.57 kg	1250 ppm	250 ppm

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

Refer to the table at the end of this section for dosing details for the following applications

**ADHESIVE AND TACKIFIER PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives and tackifiers.

APR - 4 2010

**PAINT AND COATING PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings, and paints used for architectural product finishes, and special purpose products.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide, registered under EPA Reg. No. 707-32,

**BUILDING MATERIAL PRESERVATION**

BIOBAN™ MT 20 Antimicrobial is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling and grouting.

lbs. of product per 1000 lbs. of fluid	kg of product per 453 kg fluid	ppm of BIOBAN™ MT 20	ppm active ingredient
0.375 lb.	0.17 kg	375 ppm	75 ppm
0.75 lb.	0.34 kg	750 ppm	150 ppm

**FOOD CONTACT**

As an antimicrobial agent for the adhesives and components of adhesives at a level not to exceed 150 ppm active ingredient.  
As an antimicrobial agent for polymer latex emulsions in paper coatings at a level not to exceed 250 ppm active ingredient.

As an antimicrobial agent for finished paper and paperboard including latex emulsions, fillers, binders, pigment slurries, and sizing solutions at a level not to exceed 150 ppm active ingredient in the individual additives and not to exceed 150 ppm in the finished coating formulation

**METALWORKING FLUID PRESERVATION-TANKSIDE ADDITION**

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in water-extensible metalworking fluids (soluble oil, semi synthetic and synthetic types). The preservative should be dispensed as a tankside additive into the circulating use-dilution of the metalworking fluid using a metering pump, or by manual pouring, and uniformly dispersed throughout the system. Dosing: Use BIOBAN™ MT 20 Antimicrobial at 2.5 to 5.0 pints (3.0 to 6.0 lbs or 75 to 150 ppm active ingredient) per 1000 gallons metalworking fluid every 1-6 weeks. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design

**METALWORKING FLUID CONCENTRATES**

BIOBAN™ MT 20 Antimicrobial is recommended for the control of bacteria and fungi in water-extensible metalworking fluids (soluble oil, semi synthetic and synthetic types) when added to the metalworking fluid concentrates. BIOBAN™ MT 20 Antimicrobial should be added to the concentrate at a level to ensure that the final use-dilution metalworking fluid will contain BIOBAN™ MT 20 Antimicrobial at 375 to 750 ppm (75 to 150 ppm active ingredient). Refer to the below listed table for dosing details.

NOTE: Regardless of the manner of incorporation, the total active ingredient level in the system should at no time exceed 150 ppm in the final use dilution.

Dilution of Metalworking Fluid Concentrates	Dose Level	Lbs. BIOBAN™ MT 20 per 100 Gal. Conc.	Quarts BIOBAN™ MT 20 per 100 Gal. Conc.
15:1	Minimum	4.5 lbs	1.9 quart
15:1	Maximum	9.0 lbs	3.8 quarts
20:1	Minimum	6.0 lbs	2.5 quart
20:1	Maximum	12.0 lbs	5.0 quarts
25:1	Minimum	7.5 lbs	3.1 quarts
25:1	Maximum	15.0 lbs	6.2 quarts

BIOBAN™ MT 20 Antimicrobial weighs 8.8 lbs/gal

**ACCEPTED**  
with **COMMENTS**  
EPA Letter Dated:

APR - 4 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 707-321