

464-681

9/28/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
461 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

464-681

Date of Issuance:

SEP 28 2001

NOTICE OF PESTICIDE:

Registration
 Reregistration

Term of Issuance: Conditional

Name of Pesticide Product:

MYACIDE BT

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

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 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.

Based on your response to the Reregistration Eligibility Document for Bronopol, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:
 - a. Revise the EPA Registration No. to read "EPA Reg. No. 464-681"
 - b. A net content field must be added to the label.

Signature of Approving Official:

Marshall Swindell, PM 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Martha S. Seny

Date:

SEP 28 2001

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c. As per the Acute Toxicity Review dated **September 15, 2000**, the First Aid statements must be revised as specified below:

IF IN EYES:

Hold eye open and rinse slowly and gently **with water** for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then **continue rinsing**. Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

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:

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:

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.

d. As per the Acute Toxicity Review dated **September 15, 2000**, the following statements must be revised under the Precautionary Statements.

1. "May cause allergic skin reactions in **certain** individuals" must be changed to "Prolonged or frequently repeated skin contact may **cause allergic** reaction in some individuals".
2. "May be fatal if swallowed or **absorbed through** skin. Harmful if inhaled" must be changed to "May be fatal if swallowed or inhaled. **Harmful** if absorbed through skin".

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e. Include a "Physical and Chemical Hazards" heading and place one of the following phrases directly below it to read:

"Do not store or mix the product with **reducing agents**".

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

f. Company name and address must be **changed** from Agnus Chemical company to Dow Chemical Company with corresponding address to **reflect** product transfer.

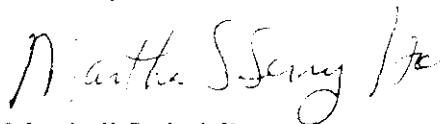
g. The EPA Registration No. must be **changed** from 48301-36 to 464-681 to reflect product transfer.

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.

A stamped copy of the label is enclosed for your records.

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
Antimicrobial Division (7510C)

Enclosure

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DRAFT LABEL

MYACIDE® BT

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 28 2001

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

464-681

<u>Active Ingredient:</u>		
2-Bromo-2-nitropropane-1,3-diol	97.5%	
<u>Inert Ingredients:</u>	<u>2.5%</u>	
Total	100.0% by wt.	

KEEP OUT OF REACH OF CHILDREN

DANGER!

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS**

CORROSIVE: Causes irreversible eye damage and skin irritation. May be fatal if swallowed or absorbed through skin. Harmful if inhaled. May cause allergic skin reactions in certain individuals.

Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and chemical resistant rubber when handling. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing.

Do not apply this product in a way that will contact workers or other persons.

FIRST AID:

If in eye(s): Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: Call a doctor or get medical attention. Do not induce vomiting. Drink large quantities of water.

If inhaled: Remove victim to fresh air. Get medical attention.

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



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

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with COMMENTS
in EPA Letter Dated:

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

464-651

EPA Reg. No. 48301-36

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS
PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING**

STORAGE AND DISPOSAL

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

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.

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 California.

MYACIDE® BT can be dosed directly or by preparing a stock solution immediately prior to application either by open pouring (not cooling water treatment) or by metered pump.

For product preservation MYACIDE BT is best added after any heating stage or when the product has cooled below 40°C.

WATER-BASED PRINTING INKS AND FOUNT SOLUTIONS

To inhibit the growth of spoilage bacteria during the storage and use of water-based printing inks and fount solutions. For in-can preservation, add MYACIDE BT at any convenient point during the manufacturing process. Ideally, it should be added as a final step after any heating stage and when the product has cooled to below 40° C. To control bacterial spoilage during the use of fount solutions, MYACIDE BT should be shock-dosed at a suitable point in the fount reservoir where there is adequate flow or turbulence to ensure quick dissolution. MYACIDE BT may be shock-dosed once or twice weekly as a normal routine. Where conditions indicate, more frequent shock-dosing may be required.

IN-CAN PRESERVATION: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

FOUNT SOLUTIONS: MYACIDE BT should be shock-dosed at between 25 and 100 ppm (0.21-0.84 lb/1000 gallons) depending on the contamination levels in the fount reservoir.

STARCH, PIGMENT AND EXTENDER SLURRIES

To inhibit the growth of spoilage bacteria during the manufacture, storage and distribution of water-based suspension and concentrates, MYACIDE BT may be dosed at or close to the end of the manufacturing process as the solid or pre-dissolved in a quantity of the process water. If the manufacturing process involves a heating stage, the MYACIDE BT should be added after this stage when the product has cooled to below 40° C.

FREQUENCY AND DOSE: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

PAINTS, LATEX AND ANTIFOAM EMULSION SYSTEMS

To provide in-can preservation and inhibit bacterial spoilage during shelf-life storage of acrylic, styrene acrylic, polyvinyl acetate and other latex emulsion concentrates and latex emulsion based paints. Also for the preservation of silicone and other antifoam emulsion systems. Add MYACIDE BT at any convenient point during the manufacturing process. Ideally it should be added as a final step just prior to packing of the product into bulk or sales packs. If a heating stage is involved in the manufacture, add MYACIDE BT after this stage when the product has cooled to below 40° C.

FREQUENCY AND DOSE: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

ADHESIVES

For the control of microbial contamination, add 0.1-0.5 lb of MYACIDE BT per ¹⁰⁰⁰ lb total formulation weight. The addition is best accomplished by pre-dissolving the MYACIDE BT in any water to be incorporated into the formulation.

RAW MATERIALS

To inhibit bacterial spoilage during shelf-life storage and use of raw materials when supplied for the manufacture of industrial and consumer products. MYACIDE BT may be added at any convenient point during the manufacturing process. Ideally it should be added as a final step just prior to packing of the product into bulk or sales packs. If a heating stage is involved in the manufacture of a product add MYACIDE BT after this stage when the product has cooled to below 40° C.

FREQUENCY AND DOSE: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

SURFACTANTS

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. MYACIDE BT may be added at any convenient point during the manufacturing process. Ideally it should be added as a final step just prior to packing of the product into bulk or sales packs. If a heating stage is involved in the manufacture of a product add MYACIDE BT after this stage when the product has cooled to below 40° C.

FREQUENCY AND DOSE: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

CONSUMER, HOUSEHOLD AND INSTITUTIONAL PRODUCTS

To inhibit bacterial spoilage during the shelf-life storage and use of consumer, household and institutional products including dishwashing liquids, surface cleaners and polishes. MYACIDE BT may be added at any convenient point during the manufacturing process. Ideally it should be added as a final step just prior to packing of the product into bulk or sales packs. If a heating stage is involved in the manufacture of a product add MYACIDE BT after this stage when the product has cooled to below 40° C.

FREQUENCY AND DOSE: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

WATER BASED AGRICULTURAL PESTICIDE CONCENTRATES

To inhibit bacterial spoilage during the shelf-life storage and use of water based agricultural pesticide concentrates. MYACIDE BT may be added at any convenient point during the manufacturing process. Ideally it should be added as a final step just prior to packing of the product into bulk or sales packs. If a heating stage is involved in the manufacture of a product add MYACIDE BT after this stage when the product has cooled to below 40° C.

FREQUENCY AND DOSE: MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (0.84-4.2 lb/1000 gallons).

ANGUS CHEMICAL COMPANY

A-176-2

Recommended doses expressed as ppm are ppm-product.

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