

PM 31 33753-11

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FEB 10 1993

The Boots Company
Boots Microcheck
Thane Road
Nottingham NG2 3AA
United Kingdom

Attention: John Kennedy, Agent
Walter Guthrie, Technical Development Manager

Subject: Myacide BT
EPA Registration No. 33753-11
Your submission dated May 14, 1992

The amendment (adding Consumer, Household & Institutional Products, Water Based Agricultural Pesticide Concentrates, Raw Materials and Surfactants), referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec 3(c) (5) when the Agency requires all registrants of similar products to submit such data.
2. Agree to submit a second teratology study (rat).

NOTE: Even though you had previously submitted a rat teratology study (a 1973 study) which was reviewed and determined to be core minimum, it does contain numerous gaps. This study would not meet the 1982 Guidelines or the 1989 Acceptance Criteria therefore to completely evaluate the potential to cause developmental toxicity in the rat, a new study is requested. We would expect the study to be submitted to EPA no later than January 1995.

3. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.
 - a. Delete the word: "etc". (First paragraph-Consumer, Household & Institutional products section)
 - b. It is preferred that the Net Contents be revised to read: 55 lbs (25Kg)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

2018

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

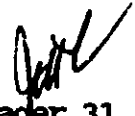
- 2 -

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

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

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

John H. Lee 
Product Manager 31
Antimicrobial Program Branch
Registration Division (H7505C)

CONCURRENCES

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MYACIDETM BT

MYACIDETM BT

MYACIDE BT is a concentrated free-flowing crystalline solid bactericide for use as a preservative to inhibit bacterial spoilage during shelf life storage. This product is used in paints, pigment slurries, latex emulsions, inks and water based adhesives.

ACTIVE INGREDIENT:	
2-Bromo-2-nitropropane-1,3-diol	97.0 %
INERT INGREDIENTS:	3.0 %
TOTAL	100.0 %

ACCEPTED
with COMMENTS
to EPA Letter Dated
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KEEP OUT OF REACH OF CHILDREN

DANGER

Under the Federal Insecticide,
Fungicide, and Herbicide Act
of 1947, for the pesticide
registered under EPA Reg. No.
33753-11

STATEMENT OF PRACTICAL TREATMENT

If swallowed	Drink egg whites, gelatin solution, or if these are not available drink large quantities of water. Call a physician.
If inhaled	Remove person to fresh air.
If on skin	Immediately flush skin with plenty of water for 15 minutes.
If in eyes	Immediately flush eyes with plenty of water for 15 minutes. Call a Physician.

Note to Physician

Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

MYACIDE BT IS A RESEARCH DISCOVERY OF
THE BOOTS COMPANY PLC NOTTINGHAM ENGLAND

MYACIDE IS A REGISTERED TRADEMARK
OF THE BOOTS COMPANY PLC

EPA REG NUMBER 33753-11
EPA EST NUMBER 33753-EN-1

NET CONTENTS

55 lbs (25 kg)

4/07/8

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

DANGER

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or clothing. May be fatal if swallowed. Avoid breathing dust. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. 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. Do not contaminate water by cleaning of equipment or disposal of waste.

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. Triple rinse (or equivalent) then offer drum for recycling or reconditioning, or puncture. Dispose of drum and 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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to 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.

33753-11

DIRECTIONS FOR USE

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

ADHESIVES

For the control of microbial contamination, add 0.1–0.5 lb. of Myacide BT per 100 lb. total formulation weight. The addition is best accomplished by pre-dissolving the Myacide BT in any water to be incorporated into the formulation.

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.

METHOD AND LOCATION

For In-Can preservation MYACIDE BT should be added 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.

For the control of 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.

QUANTITY

In-Can preservation – MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500g /cubic metre or 0.84 to 4.2lbs/ 1000 gallons).

Fount Solutions – MYACIDE BT should be shock dosed at between 25 and 100 ppm (25 to 100g/cubic metre ; 0.21 to 0.84lbs/ 1000 gallons) depending on the contamination levels in the fount reservoir.

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33753-11

6048

STARCH, PIGMENT AND EXTENDER SLURRIES

To inhibit the growth of spoilage bacteria during the manufacture, storage and distribution of water based suspension concentrates.

METHOD AND LOCATION

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.

QUANTITY

MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500g/cubic metre or 0.84 to 4.2lbs/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.

METHOD AND LOCATION

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, add MYACIDE BT after this stage when the product has cooled to below 40°C.

QUANTITY

MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500g/cubic metre or 0.84 to 4.2lbs/1000 gallons).

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is granted, for the pesticide
labeled under EPA Reg. No.

33753-11

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, polishes etc.

METHOD AND LOCATION

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 below 40° C

QUANTITY

MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500 g/cubic meter or 0.84 to lbs/1000 gal).

WATER BASED AGRICULTURAL PESTICIDE CONCENTRATES

To inhibit bacterial spoilage during the shelf-life storage and use of water based agricultural pesticide concentrates.

METHOD AND LOCATION

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 below 40° C

QUANTITY

MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500 g/cubic meter or 0.84 to lbs/1000 gal).

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RAW MATERIALS

To inhibit bacterial spoilage during the shelf-life storage and use of raw materials when supplied for the manufacture of industrial and consumer products

METHOD AND LOCATION

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 below 40° C

QUANTITY

MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500 g/cubic meter or 0.84 to lbs/ 1000 gal).

SURFACTANTS

To inhibit bacterial spoilage during the shelf-life storage and use of bulk anionic, nonionic, amphoteric and cationic surfactants when supplied for the manufacture of industrial and consumer products

METHOD AND LOCATION

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 below 40° C

QUANTITY

MYACIDE BT should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500 g/cubic meter or 0.84 to lbs/ 1000 gal).

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