

48301-16

3-8-2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7504C)  
401 "M" St., S.W.  
Washington, D.C. 20460

NOTICE OF PESTICIDE:  
     Registration  
  X   Reregistration

(under FIFRA, as amended)

EPA  
Num.  
48301-16

Date of Issuance:  
MAR 08 2002

Term of Issuance:

Name of Pesticide Product:  
Bodoxin

Name and Address of Registrant (include ZIP Code):

Angus Chemical Company  
1500 East 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, 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.

Make the following labeling changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 48301-16."
- b. Place the appropriate EPA Establishment No. on the product labeling.

Signature of Approving Official:

Marshall Swindell, Product Manager 33,  
RMBI, AD

Date:

MAR 08 2002

d. In addition to the signal word being "Danger", the Spanish translation "PELIGRO", "POISON", and the "SKULL AND CROSSBONES" symbol must be added to the the product labeling.

e. Revise the "First Aid" statements to read as follows:

IF ON SKIN:-Take off contaminated clothing  
OR CLOTHING-Rinse skin immediately with plenty of water 15-20 minutes.  
-Call a Poison Control Center or doctor for treatment advice.

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 advice.

IF IN EYES:-Hold eye open and rinse slowly and gently with water for 15 to 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 by a Poison Control Center or doctor.

f. Include the following information and statements directly below the "First Aid" statements to read as follows:

"In case emergency call toll free 1-800-877-1940."

"Have the product container or label with you when calling a poison control center or doctor or going for treatment".

g. The following statements are suggested types of information that may be included, if applicable:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

h. Revise the "Precautionary Statements" to read as follows:

**"DANGER"**

Fatal if absorbed through skin or inhaled. Corrosive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Methanol may cause blindness. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing before reuse.

i. Add a "PPE" section to appear directly below the "Precautionary Statements" section to include the following statements:

- A non-powered air-purifying respirator equipped with an organic-vapor (OV) removing cartridge or cannister plus an R- or P- series filter.
- Coverall over long-sleeved shirt and long pants,
- Socks and chemical resistant footwear
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, poly vinyl chloride, or viton).
- Chemical-resistant apron
- Goggles or face shield

j. Add a "User Safety Requirements" section directly below the "PPE" section to read as follows:

**USER SAFETY REQUIREMENTS**

"Do not apply this product in a way that will contact workers or other persons." **Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and was PPE separately from other laundry.** "Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them."

- k. Include a "User Safety Recommendations" section to appear directly below the "USER SAFETY REQUIREMENTS" section to read as follows:

USER SAFETY RECOMMENDATIONS

"Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

"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. As soon as possible, wash thoroughly and change into clean clothing."

- l. Revise the "Environmental Hazards" section to read as follows:

"This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water unless in accord with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge 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 EPA. Do not apply directly to water or to areas where surface water is present or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate."

- m. Add a "Physical and Chemical Hazards" section to appear directly below the "User Safety Recommendations" section to read as follows:

PHYSICAL AND CHEMICAL HAZARDS

This product is corrosive to mild steel.

- n. Revise the "Storage and Disposal" section to read as follows:

STORAGE AND DISPOSAL

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

Pesticide Storage: "Do not store or transport in unlined metal containers."

Pesticide Disposal: Pesticide wastes are.....Office for guidance."

Container Disposal:

Plastic Containers: Triple rinse.....stay out of smoke."

GENERAL

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

- o. Delete the following sentence, "This product is corrosive to mild steel" from the Storage and Disposal section. In addition the following sentence "This product is corrosive to mild steel" must be removed from the Storage and Disposal section and placed in the "Physical or Chemical Hazards" section.

3. Submit two copies of the revised final printed label for the record.

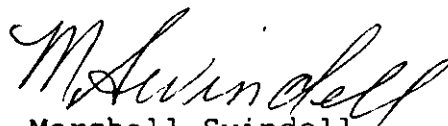
The Confidential Statement of Formula dated February 10<sup>th</sup>, 2000, is acceptable.

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.

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

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7505C)

# BODOXIN

## ANTIMICROBIAL AGENT

in EPA Letter Dated:

MAR 08 2002

### ACTIVE INGREDIENTS:

5-Chloro-2-Methyl-4-Isothiazolin-3-One

2-Methyl-4-Isothiazolin-3-One

### INERT INGREDIENTS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.	0.7%
	0.2%
	99.1%
<b>TOTAL</b>	<b>100%</b>

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KEEP OUT OF REACH OF CHILDREN

### DANGER

#### STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Flush with plenty of water for at least 15 minutes. Call a physician.
- IF ON SKIN:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.
- IF SWALLOWED:** Do not induce vomiting. Drink promptly a large quantity of egg whites, or gelatin solution, or if these are not available, drink large quantities of water; avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.
- IF INHALED:** Remove immediately to fresh air. If not breathing apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS AND OTHER INFORMATION

ANGUS Chemical Company assumes no responsibility when this product is not used in accordance with the instructions and information contained on this label.

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

**CORROSIVE: CAUSES EYE DAMAGE AND SKIN BURNS  
MAY CAUSE ALLERGIC SKIN REACTION  
HARMFUL IF SWALLOWED  
HARMFUL IF INHALED**

Do not get in eyes, on skin, or on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instruction for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

#### ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. 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.

EPA Reg. No. 48301-16  
EPA Est. No. 33778-IL-001

A-93B  
Printed in U.S.A.

### ANGUS

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

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

#### STORAGE AND DISPOSAL

##### PROHIBITIONS

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

##### 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.

##### PLASTIC CONTAINERS

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

##### GENERAL

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

##### METALWORKING FLUIDS

To control the growth of microorganisms in the fluid.

**In concentrates.** BODOXIN is soluble in organic solvents and may be incorporated by the manufacturer in the cutting-fluid concentrate. Long-term stability tests should be carried out by the manufacturer on his specific formulations to ensure that the concentrate does not contain ingredients incompatible with BODOXIN stability. The amount to be incorporated will depend on the dilution factor recommended to be used when the concentrate is diluted for use. For efficient bacteriostatic activity, a concentration of 500-1500 ppm in the diluted fluid is suggested.

**In diluted fluid.** An initial concentration of 500 ppm of BODOXIN is normally sufficient to control gross microbial contamination of freshly diluted metalworking fluids for a period of several weeks at ambient temperatures. The degree of control is influenced by the composition of the metalworking fluid, the pH, the conditions of use, and other factors. Under conditions of severe microbial contamination, a concentration of BODOXIN as high as 2000 ppm may be required temporarily.

**Maintenance dosage.** Periodic addition of BODOXIN to the metalworking fluid will extend its activity in controlling gross microbial contamination after the initial charge. Additions of 100 ppm to 200 ppm of BODOXIN at weekly intervals usually are recommended.

**CONSUMER, HOUSEHOLD, AND INSTITUTIONAL PRODUCTS**  
To inhibit bacterial spoilage during the production and shelf-life storage and use of consumer, household and institutional products including dishwashing liquids, surface cleaners, laundry cleaners, and polishes dose at 700 to 2500 ppm of Bodoxin (6.3-22.5 ppm of actives). Not for use where food contact will occur.

Manufactured in Germany.

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