

464-781

12/02/2011

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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

464-781

Date of Issuance

Term of Issuance

**Conditional**

Name of Pesticide Product

**BIOBAN 425  
Antimicrobial**

DEC 2 2011

NOTICE OF PESTICIDE

Registration  
 Reregistration

(under FIFRA as amended)

Name and Address of Registrant (include ZIP Code)

The Dow Chemical Company  
1803 Building  
Midland, MI 48674

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 the 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
- 3 Revise the EPA Registration Number to read " EPA Reg No 464-781

Signature of Approving Official

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

Date

EPA Reg #464-781

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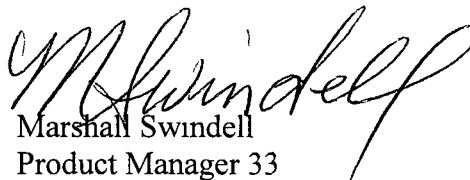
- A Under item #13 a identify the amount of each formulation component so the total of the amounts is 100 kilograms
- B Add the heading 'Physical or Chemicals Hazards' immediately beneath the 'Environmental Hazards' section on the product label
- C Under the new 'Physical or Chemicals Hazards' section on the product label place a statement regarding the incompatibility of the product with other chemicals (e.g. water, oxidizing agents, strong acids, strong bases) as evidenced by the data provided in response to OPPTS 830.6314 (Oxidation/Reduction Chemical Incompatibility) requirements and information contained on the product MSDS
- d Under the 'Pesticide Storage' subheading, provide instructions for storing the product. Guidance on developing appropriate pesticide storage instructions can be found at <http://www.epa.gov/oppfead1/labeling/lrm/>, Chapter 13 (Storage and Disposal)
- e Place the 'Storage and Disposal' section on the product label in a text box for prominence
- f Under the 'Pesticide Storage' section on the product label, add the instructions that specify what to do if the product leaks or spills from the product container
- g Add page numbers to each page on the product label

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 copy of the Acute Toxicity Review, Product Chemistry Review and A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact Zebora Johnson at (703) 308-7080 or by email at [Johnson.zebora@epa.gov](mailto:Johnson.zebora@epa.gov)

Sincerely,



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

Enclosures (Stamped Label)

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# BIOBAN™ 425 ANTIMICROBIAL

**ACTIVE INGREDIENTS**

2 methyl 4 isothiazolin 3 one 15 /  
2 n Octyl 4 isothiazolin 3 one 10 /

**INERT INGREDIENTS**

75 /  
Total 100 /

## KEEP OUT OF REACH OF CHILDREN DANGER FIRST AID

**IF ON SKIN**

- Take off contaminated clothing
- Rinse skin immediately with plenty of water for 15 20 min
- Call a poison control center or doctor for treatment advice

**IF IN EYES**

- Hold eye open and rinse slowly and gently with water for 15 20 min
- Remove contact lenses if present after first 5 min then continue rinsing eye
- 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 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 do so by a poison control center or doctor
- Do not give anything to an unconscious person

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

**IN CASE OF AN EMERGENCY** endangering life or property involving this product call collect 989 636 4400

**NOTE TO PHYSICIAN** Probable mucosal damage may contraindicate the use of gastric lavage Measures against circulatory shock, respiratory depression and convulsions may be necessary

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER  
CORROSIVE  
CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS  
MAY CAUSE ALLERGIC SKIN REACTION  
MAY BE FATAL IF SWALLOWED OR INHALED  
HARMFUL IF ABSORBED THROUGH THE SKIN**

ACCEPTED  
with COMMENTS  
EPA Letter Dated  
DEC 2 2011  
12/5/2011  
Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide  
registered under EPA Reg No  
#464-781

Do not get in eyes on skin or on clothing Do not breathe vapor or spray mist Prolonged or frequently repeated use may cause allergic reactions in some individuals Wear chemical resistant gloves such as nitrile or butyl rubber goggles face shield chemical resistant apron worn over long sleeved shirt and long pants and a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N R P or HE pre filter Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse Follow the manufacturer s instructions for cleaning/maintaining PPE If no such instructions for washables use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product s concentrate Do not reuse them



**BIOBAN™ 425 ANTIMICROB**  
**New End Use Product Registration**  
**July 7, 2011**

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lbs of product per 1000 lbs fluid	g of product per 453 kg fluid	ppm of product	ppm active ingredient (MIT/OIT)
0.01 lbs	4.53 g	100 ppm	15 ppm/10 ppm
0.075 lbs	34.0 g	750 ppm	112.5 ppm/75 ppm

This product weighs 9.35 lbs/gal

NET WT

Lot

Produced For – *When produced by a contract manufacturer*

**Dow Diamond**  
**THE DOW CHEMICAL COMPANY**  
 Midland Michigan 48674  
 (989) 636 4400

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

End of Label

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated  
 12/2/2011

Under the Federal Insecticide  
 Fungicide and Rodenticide Act as  
 amended for the pesticide  
 registered under EPA Reg No. 12/2/11