12/02/2011





U S ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington D C 20460 EPA Reg Number Date of Issuance

464-781

101 / 01

Term of Issuance

Conditional

Name of Pesticide

Product

BIOBAN 425 Antimicrobial

DEC 2 2011

NOTICE OF PESTICIDE

X 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 label product always refer to the label product.

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

- 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)
- 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

Sincerely,

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

Enclosures (Stamped Label)

BIOBANTM 425 ANTIMICROBIAL

ACTIVE INGREDIENTS

2 methyl 4 isothiazolin 3 one 2 n Octyl 4 isothiazolin 3 one INERT INGREDIENTS 15 / 10 / 75 /

Total 100 /

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 runse 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

Comments

Comments

Comments

Under the Federal Insecticide, Fungicide and I odenticide Act as an ended for the pesticide

Do not get in eyes on skin or on clothing. Do not breathe vapor or spray mist. Prolonged or frequently repeated stockstere dayn der EPA Reg. No cause allergic reactions in some individuals. Wear chemical resistant gloves such as nitrile or butyl rubber goggles face shield chemical resistant apron wom 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 is 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 is concentrate. Do not reuse them

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BIOBAN™ 425 ANTIMICROB

New End Use Product Registration
July 7, 2011

ENVIRONMENTAL HAZARDS

This product is toxic to fish aquatic invertebrates oysters and shrimp. Do not discharge effluent containing this product into lakes streams ponds estuanes 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

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 samitary 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

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

EPA Reg No 464 EPA Est No

DIRECTIONS FOR USE

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

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

This product is recommended as an in container preservative for the control of bacteria and fungi in industrial and heasthold consumer products including all purpose household and industrial liquid cleaners furniture and floor care products (inquid laundry products fabric softeners automotive products car washes polishes for floors and furniture wipes or tew-elettes spray starch waxes and automotive polishes carpet cleaners and spot removers hand and automatic dish detergents adhes v raw materials such as surfactants

SURFACTANT CONCENTRATES

This product is recommended as a preservative for the control of bacteria and fungi in surfactants used in industrial and household consumer products. This product should be added to the concentrate at a level to ensure that the final use dilution will contain the use rate as recommended on the table below.

ELECTRONIC CHEMICALS PRESERVATION

The product is recommended for the control of bacteria and fungi in electronic chemicals

NOTE Regardless of the manner of incorporation, the total active ingredient in the system should at no time exceed 187 5 ppm (750 ppm product) in the final use dilution

5/6

ACCEPTED

WITH COMMENTS
IN EPA Letter Dated.

Under the Lederal Insect ade
Fungic Land Committed Act as
amended to the Lande
registered under EPA Reg No 4447-751

unuer EPA deg No 464

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

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

TMTrademark of The Dow Chemical Company (Dow) or an affiliated company of Dow

End of Label

with COMMENTS ın EPA Letter Dated

Under the Federal Insecticide
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ame ded for the pesticide
registered under EPA Reg No. 12/2/11