

12/2/96

PM 32

464-389 PJ 172

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number  
242629

Application for Pesticide - Section I

1. Company/Product Number 464-389	2. EPA Product Manager Vivian Turner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) XD-1603L Antimicrobial	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) The Dow Chemical Company 2030 Dow Center Midland, MI 48674 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is <b>NOTIFICATION</b> composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Alternate Brand Name Per PR Notice 95-2 section I.1; see attached certification.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Gregory J. Bradley	Title Registration Specialist	Telephone No. (Include Area Code) (517) 636-6694
<p align="center"><b>Certification</b></p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>		6. Date Application Received (Stamped) 96 DEC -2 P1:25 RCD
2. Signature <i>Gregory J. Bradley</i>	3. Title Registration Specialist	
4. Typed Name Gregory J. Bradley	5. Date November 6, 1996	

# DBNPA 100 POWDER

Controls bacteria, fungi and yeasts in paper mills, controls bacteria in cooling towers and oil recovery operations.

## Active Ingredient(s):

2,2-Dibromo-3-nitropropionamide....97.6%

Inert Ingredient(s): .....2.4%

E.P.A. Registration No. 464-389

E.P.A. Est. 464-MI-1

**KEEP OUT OF REACH OF CHILDREN**

# DANGER

## PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CAUSES SEVERE BURNS OF EYES • EYE CONTACT MAY CAUSE LOSS OF VISION • MAY BURN THE SKIN • MAY BE HARMFUL OR FATAL IF SWALLOWED**

Do Not Get In Eyes, On Skin, Or On Clothing • Chemical Worker's Goggles Must Be Worn When Handling • Wash Thoroughly After Handling • Avoid Breathing Dust • Use With Adequate Ventilation

## STATEMENTS OF PRACTICAL TREATMENT:

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

In case of skin contact, immediately wash skin with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation persists.

If swallowed, immediately induce vomiting by giving two glasses of water and sticking finger down throat. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

## ENVIRONMENTAL HAZARDS

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

**IN CASE OF AN EMERGENCY** endangering life or property involving this product, call collect 517-636-4400.

## STORAGE AND DISPOSAL

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

**Storage:** To maintain product quality, store at temperatures below 60°C. Keep container tightly closed when not in use.

**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:** Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



## NOTICE

**Do Not Ship or Store with Food, Feeds, Drugs, or Clothing**

Notice: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling.

**NOTE: ADD SOLUTIONS OF DBNPA 100 POWDER SEPARATELY TO THE SYSTEM. DO NOT MIX THEM WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF DBNPA 100 POWDER DUE TO THE HIGH pH OF MANY ADDITIVE FORMULATIONS.**

## PAPER MILLS

For the control of bacterial, fungal, and yeast growths in pulp, paper, and paperboard mills, add a solution of DBNPA 100 POWDER at the rate of 0.03-0.10 lb. DBNPA 100 POWDER/ton of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. It should be made with a metering pump at a location that will insure uniform distribution of DBNPA 100 POWDER in the mass of fiber and water, such as the beaters, Jordan inlet or discharge, broke chests, furnish chests, save-alls, and white-water tanks.

**HEAVILY FOULED SYSTEMS** should be boiled out, then treated with 0.03-0.07 lb. DBNPA 100 POWDER/ton of paper (dry basis), as necessary for control.

**MODERATELY FOULED SYSTEMS** should be treated continuously with 0.07-0.10 lb. DBNPA 100 POWDER/ton of paper (dry basis) until the slime accumulation is controlled. Addition rates can then be reduced to 0.03-0.07 lb. DBNPA 100 POWDER/ton of paper, on a continuous or intermittent basis, as needed for control. Dislodged slime may cause breaks in the paper and a clean-up of the paper machine may be advisable.

**SLIGHTLY FOULED SYSTEMS** should be treated continuously with 0.03-0.07 lb. DBNPA 100 POWDER/ton of paper (dry basis) until slime is controlled, then added on an intermittent basis to maintain control.

## COOLING TOWERS

For control of bacterial growths in cooling towers, add solutions of DBNPA 100 POWDER to the basin (or at any other point of uniform mixing). Add 0.002-.020 lb DBNPA 100 POWDER/1,000 gallons of water in the system, depending on the severity of contamination. Addition should be made with a metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the retention time in the system.

## INTERMITTENT or SLUG METHOD

**INITIAL DOSE:** When the system is noticeably fouled, add 0.01-0.02 lb. DBNPA 100 POWDER/1,000 gallons of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSES:** When microbial control is evident, add 0.005-0.02 lb. DBNPA 100 POWDER/1,000 gallons of water in the system every 4 days, or as needed to maintain control.

**BADLY FOULED SYSTEMS** must be cleaned before treatment.

## CONTINUOUS FEED METHOD

**INITIAL DOSE:** When the system is noticeably fouled, add 0.01-0.02 lb. of DBNPA 100 POWDER/1,000 gallons of water in the system. Subsequently, maintain this treatment level by pumping a continuous feed of 0.001-0.010 lb. DBNPA 100 POWDER/1,000 gallons of water lost by blowdown.

**BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, the blowdown should be discontinued for 24-48 hours.

## ON FIELD

For reduction of bacterial, fungal, and yeast growths in pulp, paper, and paperboard mills, add a solution of DBNPA 100 POWDER at the rate of 0.03-0.10 lb. DBNPA 100 POWDER/ton of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. It should be made with a metering pump at a location that will insure uniform distribution of DBNPA 100 POWDER in the mass of fiber and water, such as the beaters, Jordan inlet or discharge, broke chests, furnish chests, save-alls, and white-water tanks.

**HEAVILY FOULED SYSTEMS** should be boiled out, then treated with 0.03-0.07 lb. DBNPA 100 POWDER/ton of paper (dry basis), as necessary for control.

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8Z-28-2 DEC 96

Specimen Label

REC'D 11/13/96

THE D  
Midland.  
\* Trademark  
53392-10/30