

12/2/96 PM 32 464-126 15/82

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
242630

Application for Pesticide - Section I

1. Company/Product Number 464-126	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DOWICIDE [®] CO 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 similar or identical in composition and labeling to: EPA Reg. No. <u>NOTIFICATION</u> 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-A.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	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt. No. per container			
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
2. Signature 		8. Date Application Received (Stamped) DEC -2 P2:27 RECU P/DPDI
3. Title Registration Specialist		
4. Typed Name Gregory J. Bradley		
5. Date November 6, 1996		

DOWICIDE 1E ANTIMICROBIAL

For the control of fungi and bacteria, including pseudomonads, in industrial applications and for postharvest preservation of pears and citrus fruits.

Active Ingredient(s):
 Ortho-phenylphenol.....99.5%
 Inert Ingredient(s):.....0.5%
 Total.....100.0%
 E.P.A. Registration No. 484-126
 E.P.A. Est. 484-MI-1

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CORROSIVE • CAUSES IRREVERSIBLE EYE DAMAGE • CAUSES SKIN BURNS • HARMFUL IF SWALLOWED

Do Not Get in Eyes or on Skin or Clothing • Wear Goggles or Face Shield When Handling • Wear Protective Clothing and Rubber Gloves • Wash Thoroughly With Soap and Water After Handling • Remove Contaminated Clothing and Wash Before Reuse

STATEMENTS OF PRACTICAL TREATMENT: In case of eye contact: Hold eyelids open and flush with a steady stream of water for 15 minutes. Get medical attention.

In case of skin contact: Wash with plenty of soap and water. Get medical attention.

If swallowed: Drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Environmental Hazards: This pesticide is toxic to fish. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your Regional Office of the EPA.

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

DIRECTIONS FOR USE

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

Only for (1) postharvest preservation of pears and citrus fruits or industrial uses as specified on this label; (2) uses for which USEPA has accepted the required data and/or citation of data that the formulator has submitted in support of registration; or (3) uses for experimental purposes that are in compliance with USEPA requirements.

DOWICIDE 1E Antimicrobial, when used according to good manufacturing practices, meets the requirements of the FDA for use in decontaminating agents (21 CFR 176.210), adhesives (21 CFR 175.105), and rubber articles (21 CFR 177.2600).

POSTHARVEST PRESERVATION-PEARS AND CITRUS FRUITS

DOWICIDE 1E Antimicrobial is listed in the "USDA Compilation of Registered Uses of Fungicides and Nematicides" for postharvest application to various crops. Tolerances have been established for postharvest

fungicide application to pears and citrus fruits. (40 CFR 180.129).

Preparing solutions for postharvest preservation of pears and citrus fruits: To prepare aqueous solutions, convert DOWICIDE 1E to the sodium salt with caustic (sodium hydroxide) and dilute to solution of desired strength (0.1-0.3% DOWICIDE 1E by wt).

To prepare wax emulsions, dissolve DOWICIDE 1E in an appropriate solvent and dilute to solution of desired strength. (0.5-2.0% DOWICIDE 1E by wt). Apply by spraying, dipping, or flooding.

INDUSTRIAL APPLICATIONS

Application	Purpose	Suggested Concentration of DOWICIDE 1E	How To Apply
Gaskets	To preserve felt gaskets.	1% by wt of organic solvent.	Saturate felt with solution of DOWICIDE 1E in a volatile solvent such as alcohol or Stoddard solvent.
Ceramics	To prevent decomposition of ceramic glazes and clay slips.	0.05-0.1% by wt of glaze or slip formulation.	Add to ingredients of formulation as they are charged into ball mill.
Metalworking Fluids	To prevent decomposition of fluids prepared from water-emulsifiable oil concentrates.	0.1-0.15% by wt of diluted concentrate.	Add to water-emulsifiable oil concentrate during formulating process.
Leather	To impart temporary mold resistance to shoelaces, hat bands, gloves, etc.	1.5% by wt of leather.	Apply from petroleum and vegetable oil formulation.
Polishes	For shelf preservation of automobile polishes and polishing compounds.	0.25% by wt of polish; 0.25-0.50% by wt of polishing compound.	Add to polish or compound during formulating process.

STORAGE AND DISPOSAL

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

Storage - Keep tightly closed when not in use. Do not store with Food, Feeds, Drugs, or Clothing.

Disposal - Open dumping is prohibited. **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 bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Do not reuse empty container.

NOTICE: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label (except uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration) when used in accordance with directions under normal conditions of use.

THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

NET WT. : 25 kg / 55.12 lb

1096
2464-L1

4247000-KX/KXKX
(POS. ORLT)



THE DOW CHEMICAL COMPANY
 Midland, Michigan 48874 U.S.A.

* Trademark of THE DOW CHEMICAL COMPANY

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