

464-78

10/8/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

October 8, 2003

Rhonda Vance-Moeser
Senior Regulatory Specialist
The Dow Chemical Company
1803 Building
Midland, MI 48674

Subject: **Dowicide A Antimicrobial**
EPA Registration Number 464-78
Application Dated July 8, 2003

Dear Ms. Vance-Moeser:

The following amendments, submitted in connection with registration under section of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable with comment:

Proposed Amendments

- Revised Basic and Alternate formulas (See CSFs dated 7/7/03 and 8/5/03)
- Revised Labeling

General Comment

The signal word must be listed in two places on the label. Once in the Keep Out of Reach of Children statement and in the Precautionary subheading.

Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Copies of the CSFs have been inserted in your file for future reference.

Note that the revised basic Confidential Statement of Formula dated July 7, 2003 supersedes all previously accepted ones.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

OFFICIAL FILE COPY

Other Comments UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Should you have any question concerning this letter, please contact me at (703) 308-6422 or Renae Whitaker at (703) 308-7003.

Sincerely,

[Handwritten Signature]
 Adam Heyward
 Product Manager 34
 Regulatory Management Branch II
 Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

DOWICIDE[®] A Antimicrobial

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

Active Ingredient(s):

Sodium o-phenylphenate 71.7%
Inert Ingredients 28.3%
Total 100%

E.P.A. Registration No. 464-78
E.P.A. Est. 464-MI-001^(NO), 39967-DEU-001^(CH)
Superscript used corresponds to alpha/numeric in lot number.

KEEP OUT OF REACH OF CHILDREN

⚠ DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
IRRITATIVE TO SKIN • INJURIOUS TO EYES •
IRRITATING DUST • HARMFUL IF SWALLOWED
Do not Get in Eyes, on Skin, or on Clothing •
Avoid Breathing Dusts • Wear Goggles or Face
Shield and Rubber Gloves When Handling •
Wash Thoroughly After Handling

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 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 wastes.

NOTICE

Do not Ship or Store with Food, Feeds, Drugs, or Clothing



NET WT. : 25 kg / 55.12 lb

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

Product of THE DOW CHEMICAL COMPANY

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 30 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor (preferably ophthalmologist) for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 30 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to do so. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED	<ul style="list-style-type: none"> 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.
HOT LINE NUMBER	
<p>IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 989-636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	

STORAGE AND DISPOSAL

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

Storage:

Keep package 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 - 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.

NOTICE:

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 OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.**

NOTE: PRODUCERS USING THIS PRODUCT TO FORMULATE PESTICIDES ARE RESPONSIBLE FOR OBTAINING EPA REGISTRATION FOR THEIR FORMULATED PRODUCTS.

DIRECTIONS FOR USE

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

Only (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.

If exposed to air for prolonged periods, this material may give a cloudy solution in water. Such cloudiness may be minimized by adding sufficient caustic (sodium hydroxide). DOWICIDE A Antimicrobial, when used according to good manufacturing practices, meets the requirements of the DFA for us in resinous and polymeric coatings: can end cements (21 CFR 175.300(b)(3)(ood)); adhesives (21 CFR 175.105(c)(5)); animal glue (21 CFR 178.3120(d)(3)); zinc-silicon dioxide matrix coatings (21 CFR 175.390(b)(2)); components of paper and paperboard in contact with aqueous and fatty foods (21CFR 176.170 (b)(2)); components of paper and paperboard in contact with dry food (21CFR 176.180(b)(1)); defoaming agents used in the manufacture of paper and paperboard (21 CFR 176.210(d)(3)); and closures with sealing gaskets for food containers (21 CFR 177.1210(b)(5)). DOWICIDE A Antimicrobial also appears in the "List of Chemical Compounds Authorized for Use Under USDA Inspection and Grading Programs" as a sanitizer for all surfaces. After using the product, the treated surfaces must be rinsed thoroughly with potable water before operations are resumed.

POSTHARVEST PRESERVATION-PEARS AND CITRUS FRUITS

For postharvest preservation of pears and citrus fruits, use 0.05-3.09% DOWICIDE A by wt in an aqueous solution or in an approved wax emulsion. Apply by spraying, dipping, or flooding.

INDUSTRIAL APPLICATIONS

Application	Purpose
Adhesives	To protect adhesives in process, natural and synthetic in construction during use and service life.
Ceramic Glazes and Clay Slips	To prevent bacterial discoloration.
Chemical Toilet	To control odors in chemical toilets.
Construction Materials Preservation	To control the growth of mold and mildew on concrete surfaces. NOT REGISTERED FOR THIS USE IN CALIFORNIA
Fire Extinguisher Solutions	To preserve foam-type fire extinguishers.
Floor Wax Emulsions	For shelf preservation.
Ink	For shelf preservation of watercolor printing inks.
Polymer Latex Dispersions and Emulsions	To preserve synthetic latexes in manufacture including acrylic, styrene acrylate/acrylate, vinylidene/acrylate, and butadiene/acrylate. NOT REGISTERED FOR THIS USE IN CALIFORNIA
Laundry Starch	To preserve liquid starch use life.
Leather	To prevent slippage of the soles of shoes; to prevent cracking and discoloration of leather.
Metalworking Fluids	To prevent discoloration of metalworking fluids. NOT REGISTERED FOR THIS USE IN CALIFORNIA
Paint	For preservation of decorative finishes or deep paint manufacturing or other preservation of water based paints.
Polyvinyl Alcohol	To preserve solutions of polyvinyl alcohol.
Pulp and Paper	To preserve coatings, adhesives based on starch, vegetable protein, and latex.
Shurries	To control the growth of mold and mildew in aqueous based shurries. NOT REGISTERED FOR THIS USE IN CALIFORNIA
Toilettes	To preserve processing of toilettes. NOT REGISTERED FOR THIS USE IN CALIFORNIA

ACCEPTED
with COMMENTS
EPA Letter Dated:

OCT 8 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 464-