

40810-18

1-14-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 14 2003

Ciba Speciality Chemicals Corporation  
540 White Plains Road  
P.O. Box 2002  
Tarrytown, New York 10591

Attention: Elizabeth Brown  
Chem Reg  
1990 Old Bridge Road  
Suite 201  
Lake Ridge, Virginia 22192

Subject: Final Label for Inrguard® F5000  
EPA Registration No. 40810-18 -  
Notification of Typographical Correction

This will acknowledge receipt of your notification to correct a typographical error in the ingredients statement for the level of the "Other ingredients" submitted under the provision of FIFRA Section 3(c)9. Based on a review of submitted material, the following comments apply.

The notification is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Solange Garvey at (703) 308-8911.

Sincerely,

Marshall Swindell  
Product Manger 33  
Regulatory Management Branch I  
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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Please read instructions on reverse before completing form

Form Approved, OMB No. 2070-0060, Approval expires 5-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

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

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 40810-18	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Irgaguard B 5000	PM # 33	
5. Name and Address of Applicant (Include ZIP Code) Ciba Specialty Chemicals Corporation 540 White Plains Road PO Box 2005 Tarrytown, New York 10591-9005 <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. _____ 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.)  
Typographical correction to Ingredients Statement per PR 98-10.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**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
<b>*Certification must be submitted</b>		If "Yes" Unit Packaging wgt.	No. per container	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 Label accompanying product	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph	<input type="checkbox"/> Other _____	
			<input type="checkbox"/> Paper glued		
			<input type="checkbox"/> Stenciled		

**Section IV**

1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Thomas Barber	Title Manager, Product Compliance	Telephone No. (Include Area Code) (914) 785-4311

<b>Certification</b> 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		6. Date Application Received  (Stamped)
2. Signature 	3. Title Manager, Product Compliance	
4. Typed Name Thomas Barber	5. Date December 3, 2002	

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# IRGAGUARD® B5000

Silver-Zinc Zeolite

A material preservative and antimicrobial agent for use in the  
Manufacture of polymer, plastic, and textile products.  
For Manufacturing/Fabrication Use Only.

Active ingredient:	
Silver (as elemental) .....	0.44%
Zinc (as elemental) .....	1.36%
Other ingredients .....	<del>98.20%</del>
Total .....	100.00%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

<b>FIRST AID:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL  
1-800-873-1138**

EPA Establishment No. 70404-AL-002

EPA Registration No. 40810-18

Net Weight

Lot No.

Ciba Specialty Chemicals Corp.  
Plastic Additives  
540 White Plains Road  
Tarrytown, NY 10591

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## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS**

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

## **DIRECTIONS FOR USE**

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

**\*\*See Technical Bulletin for detailed use information\*\***

**This product is not approved for any food contact or human drinking water contact uses in the United States.**

Only for manufacture of or fabrication into antimicrobial pesticides for 1) the uses listed on this label and technical bulletin; 2) Uses for which USEPA has approved the required data and/or citations of data that the formulator has submitted in support of registration; and 3) Uses for experimental purposes that are in compliance with USEPA requirements.

IRGAGUARD® B5000 is an antimicrobial powder for the manufacture of polymeric, plastic, and latex products only. It is designed to be used in materials that may be incorporated into the products on the technical bulletin for Irgaguard® B5000 during the manufacturing process to impart antimicrobial activity to the manufactured products. IRGAGUARD® B5000 suppresses the growth of bacteria, algae, fungus, mold and mildew which cause unpleasant odors, discoloration, staining, deterioration or corrosion of those manufactured products.

Finished products containing IRGAGUARD® B5000 may not make public health claims relating to antimicrobial activity without EPA pesticide registration. When incorporated into treated articles, this product does not protect users of any such treated article or others against foodborne or disease causing bacteria, viruses, germs or other disease causing organisms.

IRGAGUARD® B5000 may be incorporated into materials that may be used in the finished product at 0.1 to 3.0% of Irgaguard® B5000 by weight. Contact Ciba Specialty Chemicals Corporation to determine the appropriate amount of IRGAGUARD® B5000 for individual finished products.

## **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically addressed in an NPDES permit. 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.

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Do not store in areas accessible to children. Keep away from direct sunlight.

**Pesticide Disposal:** Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty bags into processing equipment where the pesticide is used. Then dispose of empty bag and box in sanitary landfill or by incineration, if allowed by state and local authorities.

**IRGAGUARD® is a trademark of Ciba Specialty Chemicals Corporation**

EPA Approval Date: 09-25-2002. ~~Notification: 12-03-2002~~

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## Technical Bulletin

### Irgaguard® B5000

EPA Reg. 40810-18

**Material preservative and antimicrobial agent for use in the manufacture of polymer, plastic, and textile products**

**For Manufacturing/Fabrication Use Only**

IRGAGUARD® B5000 is an antimicrobial pesticide for the manufacture of polymeric, plastic, and latex products only. It is designed to be incorporated into the materials for manufacture into final products listed below during the manufacturing process to impart antimicrobial activity to the manufactured products. IRGAGUARD® B5000 suppresses the growth of bacteria, algae, fungus, mold and mildew which cause unpleasant odors, discoloration, staining, deterioration or corrosion of those manufactured products.

Finished products containing IRGAGUARD® B5000 may not make public health claims relating to antimicrobial activity without EPA pesticide registration. When incorporated into treated articles, this product does not protect users of any such treated article or others against foodborne or disease causing bacteria, viruses, germs or other disease causing organisms.

IRGAGUARD® B5000 may be used in material that may be incorporated into the finished product at 0.1 to 3.0% of IRGAGUARD® B5000 by weight. Contact Ciba Specialty Chemicals Corporation to determine the appropriate amount of IRGAGUARD® B5000 for individual finished products.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Use only under agreement with Ciba Specialty Chemicals Corporation. IRGAGUARD® B5000 is intended for use as an additive into the following materials and substances as part of the manufacturing process in order to provide built-in antimicrobial activity in manufactured and finished products.

**APPLICATIONS AND TYPES OF MATERIALS**

APPLICATION	TYPES OF FINISHED PRODUCTS	
Plastics Including films, sheets, slabs, and molded plastic parts	Appliances and equipment Automobile parts Brush bristles Brush handles Conveyor belts Countertops Floor coverings Flooring Footwear (including boots, sports equipment and tools) Gaskets General purpose containers Indoor and outdoor furniture Insulation for wire and cable Insulators Kitchen and bathroom hardware Liners	Mats Mops Non-woven fabrics Plastic film Plumbing supplies and fixtures (including toilet bowl seats) Protective covers Shower curtains Siding for housing Sinks Sponges Tape Tiles Tubing Vacuum cleaner bags Waste containers

**USE PRECAUTIONS: This product is not approved for any food contact or human drinking water contact uses in the United States**

APPLICATION	TYPES OF FINISHED PRODUCTS	
Fibers	Apparel (such as umbrellas, outerwear, sportswear, sleepwear, socks and hosiery, caps, undergarments, inner liners for jackets, trim for outerwear and garments, uniforms, outerwear, gloves, aprons, coats, and shoes) Conveyor belts Industrial and other Household Items (such as artificial leather, filters, book covers, mops, cloth for sails, ropes, tents and other outdoor equipment, tarps, awnings, bags, brush bristles, commercial and industrial wipes and fabrics, sponges, wiping cloths) Interior furnishings (such as mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, curtains, draperies, carpet and carpet underlay, rugs, upholstery, towels, wall covering fabrics, cushion pads, sleeping bags) Packaging Transportation items (such as automotive and truck upholstery, carpeting, rear decks, trunk liners, convertible tops, interior liners)	

**USE PRECAUTIONS: This product is not approved for any food contact or human drinking water contact uses in the United States**

APPLICATION	TYPES OF FINISHED PRODUCTS
Coatings, Films, and Laminates	Appliances Automotive and vehicle parts Barrier fabrics Building materials and components (such as walls, wallboard, floors, concrete, siding, roofing, shingles, hardware, floors, ceilings, commercial and industrial applications) Collection and storage equipment (such as conveyor belts, piping systems, silos, tanks, and process vessels) Countertops Furniture General purpose containers Glazing for cement tile Glazing for vitreous china used in plumbing fixtures (such as toilets, sinks, countertops) Industrial equipment Natural and synthetic fibers and fabrics Packaging Paper products (such as wipes, tissues, wall coverings, towels, book covers) Sinks
<b>USE PRECAUTIONS: This product is not approved for any food contact or human drinking water contact uses in the United States</b>	

APPLICATION	TYPES OF FINISHED PRODUCTS
Adhesives and Sealants	Appliances Bathrooms Cardboard Ceramic tile Construction materials Glazing for windows Grout and joint compound Paper Pipe sealant and insulating materials Plastic Plumbing adhesives Rubber Sealants for pipes Showers Wood Wood and plastic composites
<b>USE PRECAUTIONS: This product is not approved for any food contact or human drinking water contact uses in the United States</b>	

APPLICATION	TYPES OF FINISHED PRODUCTS
Miscellaneous applications	Cat litter Drainage and sewage pipe Flooring Plaster Sinks Stucco Tile Toilets
<b>USE PRECAUTIONS: This product is not approved for any food contact or human drinking water contact uses in the United States</b>	

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Irgaguard® B 5000

**CHEMICAL AND PHYSICAL PROPERTIES**

Appearance: White to grayish-white powder

Odor: None detectable

Density: 3.35 g/cm<sup>3</sup> @ 25° C

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~~EPA Approved: 09-25-2002 Notification: 12-03-2002~~