SEP 1 2 2003

Ciba Specialty Chemicals Corporation 540 White Plains Road Tarrytown, N. Y. 10591

Attention: Naeem Mady, Head Regulatory Affairs

Subject: Irgaguard B5000

EPA Registration No.40810-18 Notification Dated August 13, 2003

This will acknowledge receipt of your notification to add the alternate brand name "Irgaguard H5000", submitted under the provisions of FIFRA Section 3(c)9. Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

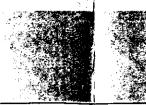
Sincerely,

Marshall Swindell Product Manager 33

Regulatory Management Branch 1 Antimicrobial Division 7510C

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	Unit	ed States	Ĺ	Registration		OPP Identifier Number	95
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	Washing	ton, DC 20460		A) Other			
	App	lication for Pe	esticide - Section	<u>n l</u>			
1. Company/Product Number 40810-2		<u> </u>	2. EPA Product Ma	anager	3. Propose	ed Classification	
Company/Product (Name) Irgaguard® B5000			PM #		X None	e Restricted	!
5. Name and Address of App			6. Expedited Revi				
Ciba Specialty Chemicals Cor 540 White Plains Road	poration		(b)(i), my product is to:	similar or identica	al in compo	sition and labeling	
Tarrytown, New York 10591			EPA Reg No. N/A				
Check if this is a new ac	idress		Product Name	A			i
		Secti	ion - II				
Amendment - Explain b	elow	3600		l labels in respons	e to		
 			Agency lette	•			
Resubmission in respon	se to Agency letter dated		"Me Too" Ap				
X Notification – Explain be	vlow		Other – Exp	lain below			
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Explanation: Use additional	page(s) if necessary. (Fo	r Section I and Sec	ction II.)				
Notification alternate brand na							
and no other changes have be to willfully make any false stat							
CFR 152.46, this product may							Α.
		60-4	ion III	<u> </u>			_
Material This Product Will I	bo Backgood in:		ion III				
Child-Resistant Packaging	Unit Packaging] Wa	ater Soluble Packaging	<u> </u>	2. Type o	f Container	
Yes	Yes		Yes	ĺ	Meta	al	
X No	X No	. ↓ ×	No	ĺ	Plas Glas		
*Certification must	If "Yes"	No. per If "	Yes"	No. per	Pap		
be submitted	Unit Packaging wgt.	1 1 1	ckage wgt	container		or (Specify) <u>2 X 10 Kg</u>	
]		[tic bags in cardboard	
3. Location of Net Contents In	formation	4. Size(s) Retai	l Container	5. Loca		directions	┪
X Label	Container	20 Kg			n Label n Label and	l technical bulletin	
6. Manner in Which Label Is A	Affixed to Product	Lithograph		Other	ii Labei alit	Technical bulletin	ᅱ
		X Paper glue Stenciled					
			ion IV				ᅱ
 Contact Person (Complete 	items directly below for ic		vidual to be contacted,				
Name Naeem Mady		Title	ulatory Affairs		one No. (Inc 85-2350	ciude Area Code)	ı
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	Cer	rtification			6.	Date Application	\neg
I certify that the statements I bar acknowledge that any knowin					}	Received	
both under applicable law 2. Signature		3. Title				(Stamped)	<u>`</u> , i∫
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4. Typed Name	V	5. Date			ĺ	• • • • • • • • • • • • • • • • • • • •	
Naeem Mady		8/4/03			[





manner inconsistent with its

human drinking water contact

esticides for 1) the uses listed on this s approved the required data and/or ort of registration; and 3) Uses for A requirements.

manufacture of polymeric, plastic, erials that may be incorporated into 00 during the manufacturing process cts. IRGAGUARD® H5000 nd mildew which cause unpleasant f those manufactured products.

not make public health claims istration. When incorporated into such treated article or others erms or other disease causing

that may be used in the finished contact Ciba Specialty Chemicals GUARD H5000 for individual

isposal.

hildren. Keep away from direct

s product may be disposed of on site

sing equipment where the pesticide andfill or by incineration, if allowed

orporation No. 40810-18

PRECAUTIONARY STATEMENTS KEEP OUT OF REACH OF CHILDREN CAUTION

HAZARDS TO HUMANS

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

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.

FIRST AID:

Have the product label or container with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES

- 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.
- Call a poison control center or doctor immediately for treatment advice.

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

Ciba Specialty Chemicals Corporation Plastics Additives



Technical Bulletin

Irgaguard® H5000

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

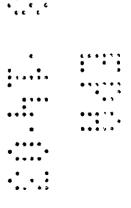
IRGAGUARD [®] H5000 is an antimicrobial pesticide for the manufacture of polymeric, plastic, and latex products only. It is designed to be incorporated into the materials for manufacture into final products listed below during the manufacturing process to impart antimicrobial activity to the manufactured products. IRGAGUARD[®] H5000 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 [®] H5000 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® H5000 may be used in material that may be incorporated into the finished product at 0.1 to 3.0% of IRGAGUARD® H5000 by weight. Contact Ciba Specialty Chemicals Corporation to determine the appropriate amount of IRGAGUARD® H5000 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® H5000 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.



NON-FOOD CONTACT USES: APPLICATIONS AND TYPES OF MATERIALS

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

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)

APPLICATION	TYPES OF FINISHED PRODUCTS
Coatings, Films, and	Appliances
Laminates	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

APPLICATION	TYPES OF FINISHED PRODUCTS
Adhesives and Sealants	Appliances
	Automotive and vehicle parts
	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
İ	Showers
	Wood
	Wood and plastic composites

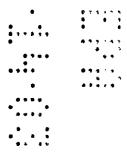
APPLICATION	TYPES OF FINISHED PRODUCTS	
Miscellaneous applications	Cat litter	
	Drainage and sewage pipe	
	Flooring	
	Plaster	
	Sinks	• • • • • • • • • • • • • • • • • • •
	Stucco	•
	Tile	\$ 17 f.d. 2 3 f.e. /
	Toilets	a " · · ·

FOOD CONTACT USES: APPLICATIONS AND TYPES OF MATERIALS

Irgaguard H5000 may be used as an antimicrobial additive in the polymeric manufactured products listed below that are used for manufacturing, packing, packaging, transporting, handling and/or holding food if such use is not intended to have any microbial effect in the food itself. Do not incorporate Irgaguard H5000 into any food contact polymer intended for commercial food packaging uses unless that food contact polymer and use condition are approved and listed in 21 CFR 174-186 (inclusive), or in the United States Food and Drug Administration's "Food Contact Substance Notification System."

APPLICATION	TYPES OF FINISHED PRODUCT	5
Plastics Including films, sheets, slabs, and molded plastic parts	Appliances and equipment Beverage dispensing equipment Bottles Brush bristles Brush handles Containers Conveyor belts Countertops Food handling equipment Food processing equipment Food storage containers Food trays and covers Food packaging Food processing utensils Gaskets General purpose containers Kitchen and bathroom hardware Liners	Mats Non-woven fabrics Plastic film Plumbing supplies and fixtures Protective covers Sinks Sponges Tape Tiles Tubing

APPLICATION_	TYPES OF FINISHED PRODUCTS
Fibers	Apparel (such as outerwear, uniforms, gloves, aprons, coats) Bags Containers Conveyor belts Table cloths, napkins, wiping cloths Mops, sponges Brush bristles Filters Packaging (including bags, sacks, wraps, cushion, absorbent materials and containers) Kitchen: commercial and industrial wipes and fabrics Food packaging



APPLICATION	TYPES OF FINISHED PRODUCTS
Coatings, Films, and	Appliances and equipment
Laminates	Barrier fabrics
	Building materials and components
	Collection and storage equipment (such as conveyor belts, piping systems, silos, tanks, and process vessels)
}	Cookware
	Countertops
	Food wrap (including coated deli paper, coated meat interleavers and plastic wrap)
	General purpose containers
	Glazing for cement tile
	Glazing for vitreous china used in plumbing fixtures (such as sinks, countertops)
ļ	Industrial equipment
	Natural and synthetic fibers and fabrics
	Packaging
	Paper products (such as wipes, tissues, wall coverings, towels,
	Plastic film
	Sinks

APPLICATION	TYPES OF FINISHED PRODUCTS
Adhesives and Sealants	Appliances
	Cardboard
	Ceramic tile
	Grout and joint compound
	Paper
	Pipe sealant and insulating materials
	Plastic
	Plumbing adhesives
	Rubber
	Sealants for pipes
	Wood
	Wood and plastic composites

CHEMICAL AND PHYSICAL PROPERTIES

Appearance: White to grayish-white powder

Odor: None detectable

Density: 3.35 g/cm³ @ 25° C

EPA-approved. 5-8-2003