SEP | 2 2003

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

Attention: Naeem Mady, Head Regulatory Affairs

Subject: Irgaguard B4000

EPA Registration No.40810-21 Notification Dated August 13, 2003

This will acknowledge receipt of your notification to add the alternate brand name "Irgaguard H4000", 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

Sterry/Jon

CONCURRENCES SYMBOL BURNAME EPA Form 1320-1A (1/90)

Printed on Recycled Paper

2/

Please read instructions on rever	se before completing form		For				0, Approval expires	
	Unit	ed States		R	egistrati	on	OPP Identifier N	Number
\$EPA	Environmental	Protection A	Agency		mendme ther	nt		
	Washing	ton, DC 20460	L	<u> </u>	uiei			
	Apr	lication for	Pesticide – Section	ı l				
Company/Product Number 40810-21			EPA Product Ma Mr. Marshall Swinder			3. Propos	sed Classification	
4. Company/Product (Name) Irgaguard® B4000			PM # 33			X Nor		
 Name and Address of App Ciba Specialty Chemicals Cor 540 White Plains Road 		-	6. Expedited Revie (b)(i), my product is to:					
Tarrytown, New York 10591			EPA Reg No.			N/A		
Check if this is a new ac	ddress		Product Name					
		Ça.	tion - II					
Amendment - Explain b	elow	360	Final printed	labels	in respons	se to		
			Agency lette		•			
Resubmission in respon	se to Agency letter dated		"Me Too" Ap					
X Notification - Explain be	olow		Other - Expl	ain bel	ow			
Explanation: Use additional	page(s) if necessary. (Fc	r Section I and S	Section II.)					
N - 481 41 14 A - 1								
Notification alternate brand na and no other changes have be								
to willfully make any false stat	ement to EPA. I further ur	nderstand that if	this notification is not co	nsisten	t with the t	terms of PF	R notice 98-10 and	d 40
CFR 152.46, this product may	be in violation of FIFRA	and I may be sub	ect to enforcement action	on and	penalties	under sect	ions 12 and 14 of	FIFRA.
		Sec	ction III					
Material This Product Will I Child-Resistant Packaging	be Packaged in: Unit Packaging	Lv	Vater Soluble Packaging			2 Type	of Container	
Yes	Yes	ļř	Yes	,		2. Type		
X No	X No] }	X No			1	stic	
	If "Yes"		r "Yes"	I No.		Gla		
*Certification must be submitted	Unit Packaging wgt.		r res Package wgt	No. j	per ainer	Par X Oth	oer ner (Specify) <u>2 X 1</u>	n Ka
be sublimited							stic bags in cardb	
Location of Net Contents Ir		4 0'(-) P	-9.0			<u> box</u>		
X Label	Container	4. Size(s) Ret	all Container			ation of lab In Label	el directions	
		20 Kg					d technical bulleti	n
6. Manner in Which Label is A	Affixed to Product	Lithograp		0	ther			_
		X Paper gi						
		Stenciled	tion IV					
1. Contact Person (Complete	items directly below for in			if nece	ssarv. to	process this	s application \	
Name		Title		., .,,,,,,,			clude Area Code)	
Naeem Mady	William William America		gulatory Affairs		(914) 7	85-2350	e	
Y annilly that the state of Y !		tification			• •	6.	Date Application	
I certify that the statements I had acknowledge that any knowing	ave maue on this form and gly false or misleading stat	an anachments (ement may be ou	mereto are true, accurate mishable by fine or impri	and co sonmer	mpiete. it or		Received	
both under applicable law	g., 5						•	4 + 6 4 7
2. Signature	11	3. Title	· · · · · · · · · · · · · · · · · · ·				(Stamped)	
11/1/10	T/ Muel	Head Re	gulatory Affairs				•	
riaci		Heau, Ne	Switch Little				••••	•
4. Typed Name Naeem Mady	Amust	5. Date					••••	* * * * *
Naeem Mady		7/31/03					* * * *	

IRGAGUARD® H4000

Silver-Zinc Zeolite

A material preservative and antimicrobial agent for use in the Manufacture of polymer, plastic, and textile products. For Use in Formulating, Manufacturing, and Fabricating of Treated Article Products Specified in the Use Directions

Active ingredient:	
Silver (as elemental)	1.20%
Zinc (as elemental)	9.42%
Other ingredients	89.38%
Total	

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Establishment No. 70404-AL-002
EPA Establishment No. 70404-DEU-002
EPA Establishment No. 040810-CHE-001
EPA Establishment No. 59824-JP-1

See Technical Bulletin for detailed use information

Net Wt.:

Lot #:

Ident.#

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

DIRECTIONS FOR USE

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

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 H4000 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 H4000 during the manufacturing process to impart antimicrobial activity to the manufactured products. IRGAGUARD H4000 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 H4000 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 H4000 may be incorporated into materials that may be used in the finished product at 0.1 to 3.0% of Irgaguard® H4000 by weight. Contact Ciba Specialty Chemicals Corporation to determine the appropriate amount of IRGAGUARD H4000 for individual finished products.

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: 10-18-2002 EPA Registration No. 40810-21



HAZARDS TO HUMANS

CAUTION. Causes moderate eye irritation thoroughly with soap and water after handle

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not dischar streams, ponds, estuaries, oceans, or publi addressed in an NPDES permit. Do not dissystems without previously notifying the secontact your State Water Board or Regional

FIRST AID:

Have the product container or label or Name when calling a poison control center or

IF IN EYES

- Hold eye open a minutes. Remo minutes, then o
- Call a poison or

FOR 24-HOUR EMERGE

•

Ciba Specialty Chemicals Corporation Plastics Additives



Technical Bulletin

Irgaguard® H4000

EPA Reg. 40810-21

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

For Manufacturing/Fabrication Use Only

IRGAGUARD [®] H4000 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[®] H4000 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 [®] H4000 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® H4000 may be used in material that may be incorporated into the finished product at 0.1 to 3.0% of IRGAGUARD® H4000 by weight. Contact Ciba Specialty Chemicals Corporation to determine the appropriate amount of IRGAGUARD® H4000 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® H4000 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.

5/7

APPLICATIONS AND TYPES OF MATERIALS:

APPLICATION	TYPES OF FINISHED PRODUCTS	3
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
	Conveyor belts	Plumbing supplies and fixtures
	Countertops	(including toilet bowl seats)
·	Floor coverings	Protective covers
	Flooring	Shower curtains
	Footwear (including boots, sports	Siding for housing
	equipment and tools)	Sinks
	Gaskets	Sponges
	General purpose containers	Tape
	Indoor and outdoor furniture	Tiles
	Insulation for wire and cable	Tubing
	Insulators	Vacuum cleaner bags
	Kitchen and bathroom hardware	Waste containers
	Liners	
USE PRECAUTIONS: This pr	oduct is not approved for any food	d contact or human drinking
water contact uses in the Uni	ted 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 quits 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: T	his product is not approved for any food contact or human drinking
water contact uses in the	· · · · · · · · · · · · · · · · · · ·



water contact uses in the United States

water contact uses in the United States

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 chine 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
USE PRECAUTIONS: This pre	oduct is not approved for any food contact or human drinking

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 USE PRECAUTIONS: This product is not approved for any food contact or human drinking

APPLICATION	TYPES OF FINISHED PRODUCTS	
Miscellaneous applications	Cat litter	
	Drainage and sewage pipe	
	Flooring	
	Plaster	
	Sinks	,
	Stucco	♦ •
	Tile	i
	Toilets	S

Irgaguard® H4000

7/7

APPLICATION TYPES OF FINISHED PRODUCTS

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

CHEMICAL AND PHYSICAL PROPERTIES

Appearance: White powder

Odor: None detectable

Density: 3.13 g/cm³

