 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Re-registration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 40810-20	Date of Issuance: OCT 18 2002
	Term of Issuance: CONDITIONAL	
	Name of Pesticide Product: "Irgaguard F3000"	
Name and Address of Registrant (include ZIP code): Ciba Specialty Chemicals Corporation 540 White Plains Road, P.O. Box 2005 Tarrytown, NY 10591-9005		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4. Make the following labeling changes: <ol style="list-style-type: none"> Revise the EPA Registration Number to read, "EPA Reg. No. 40810-20". 		
Signature of Approving Official: Marshall Swindell, Product Manager, Team 33, Regulatory Management Branch I, Antimicrobials Division	Date: OCT 18 2002	

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b. In the first general paragraph under "Directions For Use", correct "...0.1 to 0.5%..." to "...0.01 to 0.5%...".

c. In the "Paper Products" section, change the last sentence which now states, "Irgaguard F3000 has not been cleared for use in paper or paperboard products intended for use in contact with food", to the following, "Do not use for paper or paperboard products intended for use in contact with food"

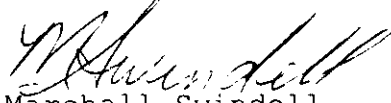
c. In the "Plastics" section, add the missing dose information exactly as follows: "For vinyl chloride and urethane add from 0.1 to 0.3%. For polypropylene, polyethylene and nylon add from 0.1 to 0.3%".

3. Submit three copies of a final printed production label which makes the changes exactly as listed herein.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with comments" is enclosed for your records. If you have any questions concerning this letter, please contact myself at 703-308-6341, or Tony Kish at (703) 308-9443.

Sincerely,


Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division(7510C)

Enclosure

IRGAGUARD® F3000

Fungicide

A material preservative and antifungal agent to inhibit the growth of mold and mildew on adhesive films, paint films, paper products, and natural and synthetic fibers.

Active ingredient:	
2-(4-thiazolyl) benzimidazole.....	99.5%
Other ingredients.....	0.5%
Total.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID: Have the product container or label or Material Safety Data Sheet (MSDS) with you when calling a poison control center or doctor, or going for treatment.	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Remove 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.
IF IN EYES	<ul style="list-style-type: none"> • 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 for treatment advice.

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

EPA Establishment No. 70404-AL-002
EPA Establishment No. 70404-DEU-002

EPA Registration No. 40810-

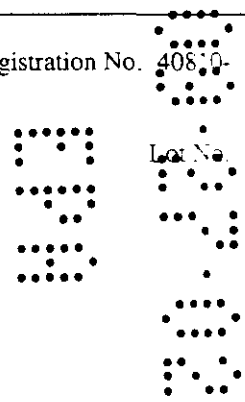
Net Weight: 45 Kg.

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

ACCEPTED
with **COMMENTS**
in EPA Letter Dated:

OCT 18 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

40810-20



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Harmful if swallowed, inhaled, or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Avoid breathing dust. Wear chemical resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

DIRECTIONS FOR USE

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

IRGAGUARD® F3000 may be incorporated into materials that may be used in the finished product at 0.1 to 0.5% of IRGAGUARD® F3000 by weight of the total formulation. Typical uses levels are indicated below. Exact use levels will depend on individual products and manufacturing procedures. Contact Ciba Specialty Chemicals Corporation to determine the appropriate amount of IRGAGUARD® F3000 for individual finished products.

Adhesive Films: Normal dosages for adhesives range from 0.05% to 0.15%. IRGAGUARD® F3000 can be incorporated with the makeup water. IRGAGUARD® F3000 should not be used where the treated adhesive comes in contact with food packaging materials or on food contact surfaces.

Paint Films: Normal dosages for exterior paints range from 0.05% up to 0.4%. In interior paints, dosages range from 0.01% up to 0.1%. IRGAGUARD® F3000 should be incorporated into the pigment grind phase of the paint making operation.

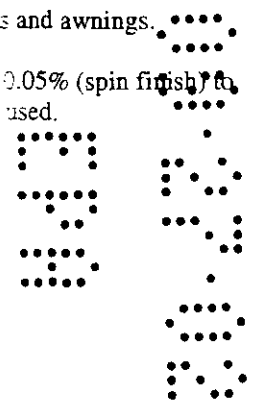
Paper Products: IRGAGUARD® F3000 is most efficiently applied via the size tub or water troughs. The tub-size or water-trough solutions should be adjusted to a pH below 4.0. IRGAGUARD® F3000 should then be added with thorough agitation. IRGAGUARD® F3000 should be applied at dosage levels from 0.02% to 0.1% based on the finished paper weight. For use in a coating color, IRGAGUARD® F3000 should be added with agitation to the makeup water. IRGAGUARD® F3000 has not been cleared for use in paper or paperboard products intended for use in contact with food.

Plastics: Add to the master batch after melting pellets. Allow time for uniform mixing before injection. IRGAGUARD® F3000 should not be used where treated plastic comes in contact with food packaging materials or on food contact surfaces.

Canvas Textiles: The simplest treatment method is to prepare a trough with water at pH 3-4 and then to add the IRGAGUARD® F3000 to obtain the desired concentration. The fabric is passed through the solution until the proper amount of solution is absorbed onto the fabric. A wetting agent may be used to aid the solution in penetrating the fabric. IRGAGUARD® F3000 should be applied at dosage levels from 0.05% to 0.3% based on finished fabric weight. The amount necessary to provide the desired protection against mold and mildew can then be determined. If deposition of IRGAGUARD® F3000 onto the canvas is desired, a subsequent wash with a 1% soda ash solution will suffice. This can be followed by normal processing steps of the canvas textile. IRGAGUARD® F3000 should be used for manufacture of canvas textiles only, such as tents and awnings.

Nylon Carpeting: Using conventional methods such as spin finish or melt blending, apply 0.05% (spin finish) to 0.5% (melt blending) of IRGAGUARD® F3000 based on total weight of the material being used.

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ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 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: Store in a cool, dry place.

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

Container Disposal: Completely empty drums by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of fiber drum in a sanitary landfill or by incineration, if allowed by state and local authorities.

IRGAGUARD® is a trademark of Ciba Specialty Chemicals Corporation

EPA Approval Date: NOT EPA APPROVED. Draft 9-25-2002

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