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|  | U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510W) 400 "M" St., S.W. Washington, D.C. 20460 | EPA Reg. Number: 40810-17 | Date of Issuance: JUL 17 2001 |
| | NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration | Term of Issuance: Conditional | |
| | UNDER FIFRA, AS AMENDED | Name of Pesticide Product: Irgaguard B 8000 | |
| Name and Address of Registrant (Include ZIP Code): Ciba Speciality Chemicals Corporation Regulatory Affairs 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 Registration 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>In the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</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 sec. 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 sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. Make the following label changes: <ol style="list-style-type: none"> Revise the EPA Registration Number to read, "EPA Reg. No. 40810-17". <p>A stamped copy of the label is enclosed for your records.</p> | | | |
| Signature of Approving Official: <i>M Swindell</i> Marshall Swindell Product Manager Team 33/RMB1/Antimicrobial Division | | Date: JUL 17 2001 | |

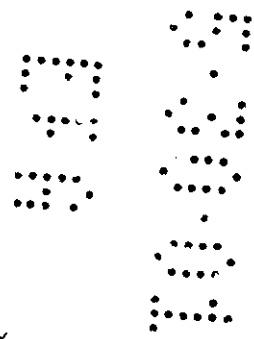
(Front Panel Label for IRGAGUARD B 8000 - EPA Reg. No. 40810-)

IRGAGUARD® B 8000
Silver-Zinc Zeolite

A preservative for use in the manufacture of plastic films, paint (interior), paper coatings, adhesives, synthetic fibers and pigments.

IRGAGUARD B 8000 is an antimicrobial powder for commercial and industrial use designed to be incorporated into various materials during different stages of the manufacturing process to preserve the integrity of the manufactured materials. For more details of the various materials, refer to the technical bulletin for uses of Irgaguard B 8000.

| | |
|----------------------|--------------|
| Active Ingredients | |
| Silver* as elemental | 3.5% |
| Zinc* as elemental | 6.5% |
| Inert Ingredients | <u>90.0%</u> |
| Total | 100.0% |



* From silver-zinc sodium alumino silicate complex

IRGAGUARD® is a trademark of Ciba Specialty Chemicals Corporation

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUL 17 2001

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

40810-17

CAUTION: Causes eye irritation. May be harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid contamination of cooking utensils and food preparation surfaces. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

| | |
|------------------------|--|
| 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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 15-20 minutes. • Call a poison control center or doctor for 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 |
| 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 swallow. • 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. |

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-873-1138 for emergency medical treatment information.

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 store in areas accessible to children. Do not store in places where food or feed may come in contact with the product. Keep away from direct sunlight.

PESTICIDE DISPOSAL:

Unused material should be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Empty container thoroughly and rinse with water.

Dispose in regular trash collection.

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EPA Reg. No. 40810-
Net Contents: 20 kg

EPA Est. No. 70404-AL-002

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

40810-17

(Side Panel for Irgaguard B 8000 - EPA Reg. No. 40810-)

**IRGAGUARD® B 8000
Silver-Zinc Zeolite**

DIRECTIONS FOR USE

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

**BLENDING AND FORMULATING INSTRUCTIONS
FOR THE LISTED MATERIALS**

IRGAGUARD B 8000 is a silver zinc zeolite powder designed to be incorporated into various materials at various states of the manufacturing process to preserve the integrity of the manufactured materials. The powder can be incorporated into the materials as an integral part of the finished products throughout their entire thickness, or as a film over the surfaces of the manufactured materials, depending on the particular method of manufacture of the finished materials and needs of the manufacturer.

Irgaguard B 8000 may be incorporated into the following materials at the specific Maximum Inhibitory Concentrations (MIC) on a dry weight basis of finished products.

| | <u>APPLICATIONS</u> | <u>MIC</u> |
|-------------------------------------|---|------------|
| Plastic, Film: | (non-food use only and no water pipes) polyethylene, polypropylene, polyvinyl-chloride, polyacetate, and polyester | 1.50% |
| Paint: | (Water base and solvent base) (not for exterior paint) | 1.50% |
| Paper coating: | (non food packaging paper, no food contact) (not for paper production use) | 1.50% |
| Adhesive: | (non food contact) plywood adhesives | 2.00% |
| Synthetic Fibers: | polyester, nylon, polypropylene, Acrylic, and Rayon | 1.50% |
| Pigments: | dyestuffs and inks | 1.00% |
| Textile Finishing and Manufacturing | | 0.75% |

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For details in blending IRGAGUARD B 8000 with these materials refer to supplemental labeling

TECHNICAL BULLETIN - - SUPPLEMENTAL LABELING

IRGAGUARD® B 8000 - EPA Reg. No. 40810-
(Silver-Zinc Zeolite)

Claims: Irgaguard® B 8000 is to be incorporated into the following materials at suitable stages of the manufacturing process to preserve the integrity of the manufactured materials and thus make them bacteriostatic against odor causing bacteria.

1. **Fibers:**

polyester, polypropylene, nylon, polyethylene, acrylic and rayon

Applications

Home Furnishings: mattress cover pads, sheets, blankets, quilt and pillow fiber fill, curtain and drapery, carpet and carpet underlay, upholstery, wiping clothes, towels, bags, wallcover fabrics, and cushion pads.

Apparel: interlinings, industrial uniforms, coats and aprons, sportswear sleepwear, stockings, socks, helmets, caps and gloves.

Industrial: brush bristles, shoe linings, artificial leather, filters (non food contact) , book covers, sail cloth and ropes.

2. **Plastic Films and Molded Plastics:**

(non food use only and no water pipes)

Types: polyester, polyamide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, epoxy resin, phenol resin, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic resin, methyl methacrylate, acrylonitrile butadiene styrene copolymer.

Applications

Gloves, shower curtains, cable wraps, protective covers, non-food contact foam containers, brush handles, sponges, insulators, gaskets, non-food tubing, non-food contact containers and film, furniture.

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- 3. **Paper coatings:**
 (not for food packaging or for food contact)
 (not for paper production use)

Types: cellulosic, synthetic, specialty, reinforced.

Applications

Wall paper, non-food wrap, wiping towels, book covers, corrugated paper filters.

- 4. **Paint:**
 Water based and oil based paints for interior surface.
 (not for exterior paint)

- 5. **Adhesives:**
 (not for adhesive for paper or containers that will come in contact with food)

Applications

Adhesive for plywood manufacturer, adhesive for cement tile and sealants.

Ciba Specialty Chemicals Corporation
 Plastic Additives
 540 White Plains Road
 Tarrytown, New York USA 10591

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