



071227-00003-051399

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Systems Integration Group, Inc.

PM33

71227-3

5/13/99

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401

"M" St., S.W.

Washington, D.C. 20460

EPA Reg. Number:

71227-3

Date of Issuance:

MAY 13 1999

Term of Issuance:

CONDITIONAL

Name of Pesticide Product:

**Zeomic Type AJ10H Silver
Zeolite A**

NOTICE OF PESTICIDE:

Registration
 Re-registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Sinanen Company Limited
4-22, Kaigan 1-Chome, Minato-ku
Tokyo 105, Japan

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.

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.

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. 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.
2. Add the phrase EPA Registration Number "EPA Reg. No. "71227-3".
3. You must submit a 12 month Storage and Stability study by 9/30/2000. The study must conform to the latest EPA guidelines. A 12 month storage and stability study from Zeomic Type AJ10D (2.5% silver) can be used to satisfy the requirement for this product (2.7% silver).
4. You must submit two copies of the revised final printed label with the following changes.
Changes To "Precautionary Statement" Section
A. Change the subtitle "Precautionary Statement" to "Precautionary Statements".

Signature of Approving Official:

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

Date:

MAY 13 1999

B. Delete "Do not breath dust. Do not get in eyes". Replace with the following. **"Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."**

Changes To "First Aid Treatment".

A. Change the subtitle "First Aid Treatment" to **"First Aid"**.

B. Delete the two statements "IF INHALED: Remove victim to fresh air", and "IF IN EYES: Flush with plenty of water." Replace with the following flush left, initial bold statements.

"IF ON SKIN: Wash with plenty of soap and water."
"IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."
"IF IN EYES: Flush with plenty of water. Call a physician if irritation persists".

Changes To "Storage and Disposal" Section.

A. Change the subheading "Storage" to **"Pesticide Storage"**

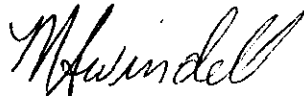
B. Add the following subtitle next.
"Container Disposal: Inner Plastic Bag - Completely empty plastic bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Outer Steel Can** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities".

C. Change the boldfaced "Disposal" to **"Pesticide Disposal"**.

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 stamped copy of the label is enclosed for your records. If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443.

Sincerely,


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

Enclosure

3-48

Zeomic[®] Type AJ10H Silver Zeolite A

A preservative and bacteriostatic agent for use in the manufacture of polymer, plastic and latex products.

* * * * *

Active Ingredient:	
Silver	2.7 %
Other ingredients	97.8 %
TOTAL:	100.0 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

Precautionary Statement

Hazards to Humans

Do not breath dust. Do not get in eyes.

FIRST AID TREATMENT

IF INHALED: Remove victim to fresh air.

IF IN EYES: Flush with plenty of water.

EPA Registration No. 71227-~~1~~6

EPA Establishment No. 71227-JP-1

Net Weight 20 Kg

A product of:

Sinanen Company, Ltd.
4-22, Kaigan 1-Chome, Minato-ku
Tokyo 105, Japan

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in EPA Letter Dated:

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STORAGE AND DISPOSAL

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

Storage: Do not store in areas accessible to children. Keep containers covered during storage; store below 130 °F.

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

WARRANTY STATEMENT

SINANEN COMPANY, LTD. warrants that this product conforms to the chemical description on the label. SINANEN COMPANY, LTD. makes no warranties of merchantability or fitness for a particular purpose nor any other expressed or implied warranty except as stated above.

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5018

DIRECTIONS FOR USE:

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

Zeomic® Type AJ10H Silver Zeolite A is an antimicrobial additive to be used for compounding many polymeric materials. It is designed to be incorporated into the materials listed below during the manufacturing process to impart antimicrobial activity to the manufactured products. This product is not approved for any food contact or food packaging uses. *Zeomic® Type AJ10H Silver Zeolite A* suppresses the growth of bacteria, algae, fungus, mold and mildew. If growth of bacteria and mold in the finished product could lead to unpleasant odors and discoloration of the product, then such a claim may be made. Finished products containing *Zeomic® Type AJ10H Silver Zeolite A* may not make public health claims relating to antimicrobial activity without an EPA pesticide registration.

MANUFACTURING INTERMEDIATES:

Zeomic® Type AJ10H Silver Zeolite A may be incorporated as follows into commercially distributed intermediate manufacturing materials on a weight basis:

APPLICATION	MAXIMUM RATE
<i>Plastics</i> (see separate description of resins and applications)	20.0%
<i>Fibers</i> (see separate description of resins and applications)	20.0%
<i>Coatings</i> (see separate description of resins and applications)	20.0%
<i>Adhesives and Sealants</i> (see separate description of resins and applications)	20.0%

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TYPES OF POLYMERS FOR MANUFACTURING INTERMEDIATES AND FINISHED PRODUCTS:

1) Plastics, including films, sheets, slabs, and molded plastic parts.

Resins: Including polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinylacetate (PVA), ethylene-vinylacetate (EVA), polyvinyl chloride (PVC), polyvinylidene chloride (PVDC), epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylics, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymers (ASA), acetals, polyketones, polyphenylene ether, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymers and fluoropolymers, amino resins, thermo plastic elastomers, rubbers (including styrene butadiene rubber, acrylonitrile butadiene rubber, CR), polyacetal (polyoxymethylene), and blends and copolymers thereof.

Applications: This product is not approved for any food contact or food packaging uses. Uses include automobile parts, shower curtains, mats, protective covers, tape, packaging, gaskets, waste containers, general purpose containers, brush handles, sponges, mops, vacuum cleaner bags, insulators, plastic film, indoor and outdoor furniture, tubing, insulation for wire and cable, plumbing supplies and fixtures, siding for housing, liners, non-woven fabrics, kitchen and bathroom hardware, appliances and equipment, countertops, sinks, flooring, floor covering, tiles, conveyer belts, footwear including boots, sports equipment and tools. The additive may be incorporated into a treated article at up to 5.0% by weight.

2) Fibers.

Resins: Including acetate, polyester (PET and PTT), polyolefins, polyethylene, polypropylene, polyamide including "Nylon," acrylics, viscose, polyurethane, and "Rayon," polyvinyl alcohol, polyvinyl chloride, polyvinylidene chloride, polysaccharide, and copolymers and blends thereof.

Applications: This product is not approved for any food contact or food packaging uses.

Interior furnishings: Mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, curtains, draperies, carpet and carpet underlay, rugs, upholstery, table cloths, napkins, wiping cloths, mops, towels, bags, wall covering fabrics, cushion pads, sleeping bags, brush bristles.

Transportation: Automotive and truck upholstery, carpeting, rear decks, trunk liners, convertible tops and interior liners.

Apparel: Umbrellas, outerwear, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps, and undergarments and inner liners for jackets, shoes, gloves and helmets, trim for outerwear and undergarments.

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Industrial and other Household Items: Brush bristles, artificial leather, filters, book covers, mops, cloth for sails, ropes, tents and other outdoor equipment, tarps, and awnings.

The additive may be incorporated into a treated article at up to 5.0% by weight.

3) Coatings, films and laminates.

Resins: Including alkyds, amino resins (melamine formaldehyde and urea formaldehyde) polyester (unsaturated polyester, PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinylacetate (PVA), ethylene-vinylacetate (EVA), polyvinyl chloride (PVC, including plastisol), polyvinylidene chloride (PVDC), epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylics, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymers (ASA), acetals, polyketones, polyphenylene ether, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymers and fluoropolymers, thermo plastic elastomers, rubbers (including styrene butadiene rubber, acrylonitrile butadiene rubber, CR), polyacetal (polyoxymethylene), and blends and copolymers thereof.

Types of coatings: water-borne, solvent-borne, 100% solids, radiation cure, and liquid and powder coatings.

Applications: This product is not approved for any food contact or food packaging uses. Uses include walls, wallboard, floors, concrete, siding, roofing shingles, industrial equipment, natural and synthetic fibers and fabrics, furniture, automotive and vehicular parts, packaging, paper products (wall coverings, towels, book covers), barrier fabrics, and glazing for cement tile and for vitreous china used in plumbing fixtures such as toilets, sinks, and countertops other than kitchen countertops. The additive may be incorporated into a treated article at up to 5.0% by weight.

4) Adhesives and sealants.

Resins: Including alkyds, amino resins (melamine formaldehyde and urea formaldehyde) polyester (Unsaturated polyester, PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinylacetate (PVA), ethylene-vinylacetate (EVA), polyvinyl chloride (PVC, including plastisol), polyvinylidene chloride (PVDC), epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylics, cyanoacrylates, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymers (ASA), acetals, polyketones, polyphenylene ether, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymers and fluoropolymers, thermo plastic elastomers, rubbers (including styrene butadiene rubber, acrylonitrile butadiene rubber, CR), polyacetal (polyoxymethylene), and blends and copolymers thereof.

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Methods of application: hot-melt, aqueous, solvent borne, 100% solids, radiation cure.

Applications: This product is not approved for any food contact or food packaging uses. Uses include adhesives used in the manufacture of wood and plastic composites, adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic, glazing for windows, grout, sealants for pipes, adhesives, sealants and insulating materials for appliances, bathrooms, showers, kitchens, and construction. The additive may be incorporated into a treated article at up to 5.0% by weight.

5) Miscellaneous Applications.

Materials: Clay, china, ceramics, concrete, sand, and grout.

Applications: This product is not approved for any food contact or food packaging uses. Uses include toilets, sinks, tile, flooring, stucco, plaster, cat litter, drainage and sewerage pipe. The additive may be incorporated into a treated article at up to 5.0% by weight.

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