

(Front Panel Rev. 10/21/03)

**BACTEKILLER AZ**  
(Silver-Zinc Zeolite)

BACTEKILLER AZ is an antimicrobial powder for commercial and industrial use designed to be incorporated into various materials during varying stages of the manufacturing process to impart antimicrobial activity to the manufactured materials. For more details of the various materials refer to the supplemental labeling for uses of Bactekiller AZ.

**ACTIVE INGREDIENT:**

Silver as elemental ..... 3.5%  
Zinc as elemental..... 6.1%

**INERT INGREDIENTS:** ..... 90.4%  
**TOTAL**.....100.0%

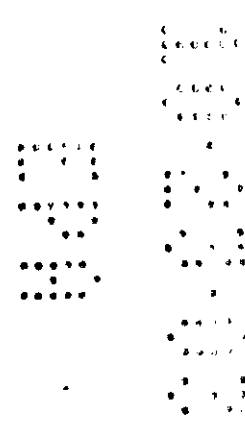
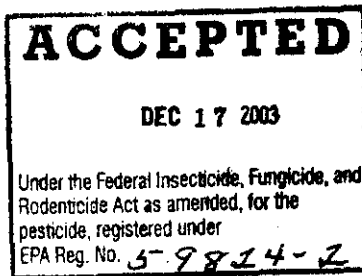
\*From zinc sodium alumino silicate complex

**Keep Out of Reach of Children**  
**CAUTION**

FIRST AID STATEMENTS	
◆	<b>IF SWALLOWED:</b> Call a poison control center or doctor immediately for treatment advice. Have person to 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.
◆	<b>IF ON SKIN OR CLOTHING:</b> 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.
◆	<b>If Inhaled:</b> Move 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 treatment advice.
◆	<b>IF IN EYES:</b> 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.
◆	<b>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</b>
◆	<b>In case of emergency, call the National Pesticide Telecommunications Network at 1 (800) 858-7378.</b> Emergency Phone: (81) 6-6348-5031, Osaka, Japan, Kanebo Gohsen, LTD.

Net Contents: 10 lbs; 20 lbs; or 100 lbs.  
Kanebo U.S.A.INC.  
693 Fifth Avenue, 17th Floor  
New York, NY 10022 U.S.A.  
Tel:(0212)339-9700

EPA REG.NO. 59824-2  
EPA EST. NO. 59824-JP-001



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**BACTEKILLER AZ**  
(Silver-Zinc Zeolite)

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

**CAUTION:** May be harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid contamination of cooking utensils and food preparation surfaces.

**ENVIRONMENTAL HAZARDS:** this product is toxic to fish. Keep out of any natural body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge unused material into natural bodies of water unless in accordance with a NPDES permit.

**STORAGE AND DISPOSAL:** Do not store in area accessible to children. Do not store in place where food or feed may come in contact with the product. Keep away from direct sunlight. Unused material should be disposed of on site or an approved waste disposal facility.

**CONTAINER DISPOSAL:** Empty container thoroughly and rinse with water. Dispose in regular trash collection.

**DIRECTIONS FOR USE**

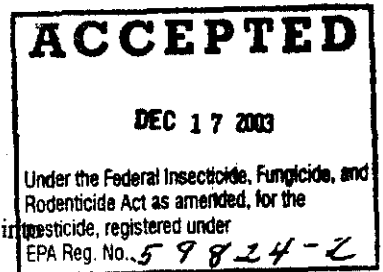
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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

BACTEKILLER AZ is a silver zinc zeolite powder designed to be incorporated in various materials at various stages of their manufacturing process to impart antimicrobial properties to 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.

**Bactekiller AZ** may be incorporated into the following materials at the specified Maximum Inhibitory Concentrations (MIC) on a dry weight basis of finished products.

<u>APPLICATION</u>	<u>MIC</u>
<b>Plastic Film:</b> (Non food use only and no water pipes) P Polypropylene, Polyvinyl chloride, Polyacetate, and Polyester	1.50%
<b>Paint:</b> (water base and solvent base)	1.50%
<b>Paper coating:</b> (non food packaging paper, no food contact) (not for paper production use)	1.50%
<b>Adhesive:</b> (non food contact) plywood adhesives	2.00%
<b>Synthetic Fibers:</b> Polyester, Nylon, Polypropylene, Acrylic, and Rayon	1.50%
<b>Pigments:</b> Dyestuffs and inks	1.00%



**Textile Finishing and Manufacturing**

0.75%

For details in blending BACTEKILLER AZ with these materials refer to supplemental labeling.

(SUPPLEMENTAL LABELING Rev. 10/21/03)

page 3

**BACTEKILLER AZ**  
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**Claims:** Bactekiller AZ is to be incorporated into the following materials at suitable stages of the manufacturing process to impart antimicrobial activity to the treated materials, and thus make them self sanitized to suppress the growth of bacteria and mold responsible for unpleasant odors and discoloration of the treated materials.

**Fibers:** polyester, polypropylene, nylon, polyethylene, acrylic, and rayon

**Applications:**

Home furnishings: mattress cover pads, sheets, blankets, quilt and pillow  
Fiberfill, curtain and drapery, carpet and carpet underlay, upholstery,  
wiping cloth, towels, bags, wall cover fabrics, cushion pads.

**Apparel:** Interlinings, industrial uniforms, coats and aprons, sports wear,  
sleepwear, stockings, socks, helmets, caps, gloves.

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

**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, air ducts, cable wraps, protective covers,  
Non-food contact foam containers, brush handles, sponges, insulators,  
gaskets, non-food tubing, non-food contact containers and film,  
furniture.

**Paper coatings (not for food packaging or for food contact),**

**(Not for paper production use):**

**Types:** Cellulosic, synthetic, specialty, reinforced.

**Applications:**

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

**Paint:** Water based, oil based paints: for interior surfaces

**Adhesives:** (Not for adhesives for paper or containers that will come in contact  
with food)

**Applications:**

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

