

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION

59624-1

DATE OF ISSUANCE

JUL 02 1993

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

☐ REGISTRATION
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Bactekiller AC

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Kanebo Zeolite U.S.A. Inc.
350 Fifth Ave. Suite 2018
New York, NY 10118

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 sec. 3(c)(7)(A) and 3(c)(7)(B) provided that you:

1. Submit/cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.

2. Submit the Reregistration Phase 2 and Phase 3 as outlined in our letter of October 1, 1991 (item #3). This information must be submitted to the Agency within 30 days of the date of this registration or this registration will expire.

3. Submit the historical control data for the teratology study. The historical control study submitted February 5, 1993 is unacceptable. The study included one study conducted with an unidentifiable test material, vehicle control and positive control. The basic problem with this data is that it includes treated animals at different dose levels with a possibly toxic test substance. Your options are to submit the required historical control data required for comparison with only control animals in 30 days or submit a timetable to conduct a new teratology study within 30 days acceptable to the Agency.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

4. Submit acceptable Fish and wildlife studies to support the new uses declared on the label. It is noted that at this time, the agency is reviewing your most recent data submitted.

5. Submit acceptable Environmental Fate studies to support the new uses declared on the label. It is noted that at this time, the agency is reviewing your most recent data submitted.

6. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 59824-1".
- b. Add the letter "s" to the phrase: Active Ingredient, since two active ingredients are declared on the label.
- c. Revise the phrase "... the manufacturing process to impart antimicrobial activity to the manufactured materials..."

to read: (two locations)

"...the manufacturing processs to preserve the integrity of the manufactured materials..."

- d. Include the subheading: Pesticide Disposal. Place this heading under the Storage and Disposal Section.
- e. Revise the entire Environmental Hazards section to read:

ENVIRONMENTAL HAZARDS

This pesticide 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 identified and 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.

- f. Add the follllowing additional precautionary statements:

Causes eye irritation. Wash thouroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

- g. Add the following descriptor to the top of the front panel:

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

				CONCURRENCES			
SYMBOL							
SURNAME							
DATE							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY


Submit five (5) copies of the final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

BACTEKILLER AC
Silver-Copper Zeolite

BACTEKILLER AC 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 AC.

ACTIVE INGREDIENT:

Silver	as elemental	3.5%
Copper	as elemental	6.1%

INERT INGREDIENTS: 90.4%

* from silver-copper sodium aluminosilicate complex

KEEP OUT OF REACH OF CHILDREN
CAUTION

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.

STATEMENT OF PRACTICAL TREATMENT: If swallowed, drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician or poison control center. Do not induce vomiting or give anything by mouth to an unconscious person. If on skin, remove contaminated clothing and wash affected area with soap and water. If irritation persists, contact a physician. If in eyes, flush eyes for at least 15 minutes with water. If irritation persists contact a physician.

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 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. 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.

BEST AVAILABLE COPY

EPA Reg. No. 59824

EPA Est. No. 59824-JP-1

Net Contents: 10 lbs., 20 lbs., or 100 lbs.

FABERO ZEOLITE U.S.A., INC.
150 Fifth Ave., Suite 2018
New York, N. Y. 10118

ACCEPTED
FOR COMMENTS
in EPA Water Data
JUL 02 1993
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
Registration, for the pesticide
classified under EPA Reg. No.
59824-1

1976

BACTERIKILLER AC
Silver-Copper 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

BACTERIKILLER AC is a silver copper zeolite powder designed to be incorporated into 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.

Bacterikiller AC may be incorporated into the following materials at the specified Maximum Inhibitory Concentrations (MIC) on a dry weight basis of finished products, or on weight by weight basis for liquid products such as paints, dyestuffs and inks.

<u>APPLICATION</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) - <i>Interior only.</i> [REDACTED]	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%
[REDACTED]	[REDACTED]
Pigments: dyestuffs and inks	1.00%
[REDACTED]	[REDACTED]

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 02 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the use of
pesticides under EPA Reg. No.
59824-1

For details in blending BACTERIKILLER AC with these
materials refer to supplemental labeling.

BEST AVAILABLE COPY

6076

) SUPPLEMENTAL LABELING

BACTEKILLER AC - ES 59824-R
(Silver-Copper Zeolite)

Claims: Bactekiller AC is to be incorporated into the following materials at suitable stages of the manufacturing process to impart antimicrobial activity to the treated materials to suppress the growth of bacteria and mold responsible for unpleasant odors and discoloration [REDACTED]
[REDACTED]

ACCEPTED
with COMMENTS
in EPA Label Draft

JUL 02 1993

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

59824-1

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, [REDACTED] 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 coating (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.

Paints: water based, oil based paints; for interior [REDACTED] 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

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