

PM 34

70648-1

9/24/97

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

135

SEP 24 1997

Courtaulds European Fibers Inc.
C/O C.A. Smith Consulting
6713 Catskill Road
Lorton, VA 22079-1113

Attention: Cynthia Ann Smith
Agent

Subject: Biokryl I
EPA Registration Number 70648-1
Your submission for Label Amendment
Dated June 18, 1997 and our letter dated September 11, 1997.

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3 (c) (7) (A), is acceptable provided that you:

Must include the following statement as a paragraph in your Directions for use "Products containing Biokryl I may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria and mold in the treated article".

Please note that the action taken in the letter overrides the action taken in our letter dated September 11, 1997. A stamped copy is enclosed for your records. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

If you have any questions concerning this letter, please feel free to contact Nader Elkassabany at (703) 308-8783.

Sincerely,

Portia Jenkins
Acting Team Leader (34)
Regulatory Management Branch II
Antimicrobial Division (7510W)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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(Front Panel)

BIOKRYL I

Bacteriostat
For Formulating Use

INGREDIENTS

Active ingredient:

Triclosan [5-chloro-2-(2,4-dichlorophenoxy)phenol] 99.0%

Inert ingredients: 1.0%

Total 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or inhaled. Do not breathe dust. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IMPORTANT: Read the entire label, including the directions for use and the conditions of sale and warranty before using this product. If terms are not acceptable, return unopened product at once.

Courtaulds European Fibers Inc.
P. O. Box 111, Lockhurst Lane
Coventry CV6 5RS. England

EPA Registration Number 70648-1
EPA Establishment Number

REC'D EPA/C/P/DPD1
97 JUN 19 P 3:09

NET WEIGHT: _____ POUNDS (_____ KILOGRAMS)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 24 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 70648-1

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CONDITIONS OF SALE AND WARRANTY

These conditions supersede all prior representations or arrangements, and contain the entire agreement between the parties in connection with the products (unless otherwise stated on Seller's order confirmation). All other terms and conditions, expressed or implied, are excluded. None of the Seller's employees or agents has authority to modify or supplement these conditions or to accept any order except on Seller's official sales forms.

Please see attached WARRANTY BOOKLET for complete warranty statement.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NDPES) 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 local 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 below 130°F.

PESTICIDE DISPOSAL: Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility. For minor spills, shovel into an approved disposal container and vacuum contaminated areas. Avoid creating dusty conditions. Take special care to avoid contamination of equipment and facilities during clean up procedures and disposal of wastes.

CONTAINER DISPOSAL: Completely empty liner by shaking and taping sides and bottom to loosen clinging particles. Empty residues into application equipment. Then dispose of liner and drum in a sanitary landfill or by incineration if allowed by State and local authorities.

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DIRECTIONS FOR USE

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

BIOKRYL I is a bacteriostatic agent that is effective against non-health related organisms which may contribute to the deterioration of end-use products. Use of BIOKRYL I extends the useful life of treated articles and controls odors resulting from non-health related organisms on treated articles.

- Use only under an agreement with Courtaulds European Fibers Inc.
- Do not use for the production of baby diapers or fibers for the production of baby diapers.
- Do not use for the production of health care products or products intended to decrease the transmission of disease.

ENGINEERING CONTROLS

Procedures should be established to minimize dusting. Open container and weigh product under a dust hood that reduces dust to less than 50 micrograms per cubic meter. During mixing procedures, use engineering controls to reduce product dust to less than 50 micrograms per cubic meter in the surrounding atmosphere.

PREPARATION OF 10% (W/W) RESIN CONCENTRATE

1. Place resin pellets in a mixing drum.
2. Add mineral oil and rotate drum until pellets are coated with mineral oil.
3. Slowly and carefully add BIOKRYL I into the mixing drum while avoiding dusting.
4. Close mixing drum.
5. Rotate mixing drum until pellets are coated.
6. Melt the coated pellets.
7. Extrude and re-pelletize melted resin.
8. Label concentrate using labels provided exclusively by Courtaulds European Fibers Inc.

PREPARATION OF FILMS, YARNS, FIBERS AND MOLDED PRODUCTS FOR SPECIFIED USES

Operators should wear protective gloves and respirators.

1. Add a measured quantity of base resin to a mixing tank.
2. Add a measured quantity of 10% RESIN CONCENTRATE to the mixing tank to achieve the desired active ingredient concentration in the finished product. The desired concentration will depend upon the nature of the product and the desired duration of bacteriostatic activity.
3. Melt the contents of the mixing tank and stir contents until uniformly blended.
4. Extrude film, yarn or fiber or fill molds for molded finished products.
5. Label finished products with labels provided exclusively by Courtaulds European Fibers Inc.

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USE RATES AND END-USES

Use Rate	End-Use
0.1% - 0.15%	Apparel: Dresses, linings and trimmings. fabric for apparel, general wear, running gear, athletic shirts, racketball apparel, tennis apparel, ski apparel and equipment.
0.1% - 0.15%	Hosiery: Socks, general hosiery, tennis hosiery, and shoe insoles.
0.1% - 0.15%	Carpets and Rugs
0.1 - 0.15% (of fabric weight)	Polyethylene, Nylon and Acrylic Fabrics and Blends of These Fibers with Cotton: Hosiery, shoe insoles and linings, carpets, rugs, dresses, athletic sport shirts, running gear, sweat suits, uniforms, apparel linings and trimmings.
0.2%	Latex Saturated Paper: Tape, labels.
0.25%	Latex Saturated Strippable Wall Paper.
0.25%	Paper: Archival paper, conservation paper, library stock paper, matting and mounting board.
0.5%	Polyethylene or Polypropylene Film: Garment bags.
0.5%	Vinyl Film: Garment bags, blanket bags, cubicle curtains.
0.5%	Nylon Fabric: Window curtains, shower curtains and cubicle curtains.
1.0%	Nylon Fiber, Yarn or Filament: Toilet bowl brush.
1.0%	Vinyl Mastic: Tub and tile caulking.

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