

53053-5

8/20/2008

1/9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number: 53053-5  
Date of Issuance: AUG 20 2008

Term of Issuance:  
**Conditional**

Name of Pesticide Product:  
**Envirosystems BioShield 7200**

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Indusco, LTD  
2319 Joe Brown Dr.  
Greensboro, NC 27405

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 sec 3(c)(7)(a) provided that you:

1. 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 re-registration of your product under FIFRA section 4.
2. Make the labeling change listed below before you release the product for shipment:

Revise the EPA Registration Number to read, "EPA Reg. No. 53053-5"

Signature of Approving Official:

*Velma Noble*  
Velma Noble  
Product Manager Team-31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

AUG 20 2008

EPA Form 8570-6

CONCURRENCES

SYMBOL	SURNAME	DATE					

EPA Form 1320-1A (1/80)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Page 2

EPA Reg. No. 53053-5

3. Add the following statement to page one of your label: "Envirosystems BioShield 7200 is a microbiostatic agent that inhibits the growth of odor causing bacteria and fungi (mold and mildew), bacteria and fungi (mold and mildew) which cause staining and discoloration, and algae. This product does not protect users or others against food-borne or disease causing bacteria or fungi."

4. Revise your Precautionary Statements on page two to be in agreement with the Label Review Manual as follows. Revise to include: "...Avoid contact with skin, eyes and clothing. Avoid breathing vapors or spray mist. Wear protective eyewear (goggles, face shield or safety glasses) and protective clothing. Wash thoroughly ..."

5. Revise the De-activation statement on page three to be in agreement with PR Notice 2000-5 which requires mandatory language as follows: "De-activation of Envirosystems BioShield 7200 is achieved by the addition..."

6. Revise the statements on pages five and six to indicate that the fungi claim is for fungi that causes odors, staining and discoloration. Revise the 4th statement under the heading "Envirosystems BioShield 7200" as follows: "Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew) which cause odors, staining and discoloration." Revise the 6th and 7th statements on page five in the same manner. Revise the 1st, 3rd, 6th and 8th statements on page six in the same manner.

7. Add the following statement to the Approved Uses section on page four: "Before applying this product, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected."

8. Revise page four by correcting "Non-woven disposable apparel" to read "Non-woven disposable diapers."

9. Revise page four such that the statement: "DO NOT use in paints designed for applications on food-contact surfaces." is placed in the paints and coatings statement which begins: "Envirosystems BioShield 7200 can be used in paints..."

10. As per the Reregistration Eligibility Decision for Trimethoxysilyl Quaternary Ammonium Chloride Compounds issued September 2007, make the following revision to your labeling in the Approved Uses section. Delete Polyurethane and cellulose foam for household, industrial and institutional sponges. The product may not be used on sponges as this active ingredient has not been cleared for use on food contact surfaces. Revise this statement as follows: "Polyurethane and cellulose foam for household, industrial and institutional mop..."

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Page 3

EPA Reg. No. 53053-5

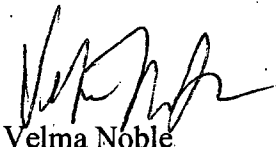
11. Should you wish to retain a reference to the company's website on your label, then please be aware that such a reference transforms the website into labeling under the Federal Insecticide Fungicide and Rodenticide Act sec 2 (p) (2) and then the website is subject to review by the Agency. If the website content is false or misleading, the product would be misbranded and its sale or distribution unlawful to sell or distribute under FIFRA section 12(a)(1)(E). In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Although EPA has not yet determined the extent to which it will routinely review company websites, if the Agency finds or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from claims approved through the registration process, the website may be referred to the EPA's Office of Enforcement and Compliance Assurance.

12. Submit a final, executed licensing or sales agreement regarding the sale of a registered product to Indusco prior to the distribution or sale of Envirosystems BioShield 7200, EPA Reg. No. 53053-5.

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. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Branch I  
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

4/9

EPA Reg. No. 53053-X

4/11/2008

Page 1 of 6

# ENVIROSYSTEMS® BIOSHIELD® 7200

A Silicone Quaternary Ammonium Salt  
For Manufacturing Use Only

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 20 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 53053-5

KEEP OUT OF REACH OF CHILDREN

**DANGER [Skull and Crossbones] POISON**

(note: above statement will be in  
RED ink)

Active Ingredient: 3-(trimethoxysilyl) propyldimethyl octadecyl ammonium chloride.....	71.2%
Other Ingredients: .....	28.8%
Total: .....	100.0%

Contains over 12% methanol

EPA Reg. No. 53053-X

EPA Est. No. xxxx-xx-xx

Net Contents: 1, 5, 30, 55, 275 gallons

Lot No.

**FIRST AID**

Have the product container or label with you when calling the poison control center or doctor, or going for treatment.

**IF IN EYES:**

- 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.
- Call poison control center or doctor for treatment advice.

**IF INHALED:**

- 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 poison control center or doctor for further treatment advice.

**IF SWALLOWED:**

- 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 a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER! Corrosive:** Methanol may cause blindness. Causes irreversible eye damage. Harmful or fatal if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapors or mist. Wear protective eyewear (goggles, face shield or safety glasses). Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 Pollutant Discharge Elimination System (NPDES) 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.

## PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. De-activation of ENVIROSYSTEMS BIOSHIELD 7200 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of ENVIROSYSTEMS BIOSHIELD 7200.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original closed containers in a secure area inaccessible to children and away from food or feed.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA regional office for guidance.

**Container Disposal:** (*plastic*) Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. (*metal*) Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, other procedures approved by state and local authorities. (*glass*) Triple rinse (or equivalent), then dispose of in a sanitary landfill or by other approved State and local procedures.

**DIRECTIONS FOR USE**

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

**FOR MANUFACTURING USE ONLY****APPROVED USES**

ENVIROSYSTEMS BIOSHIELD 7200 may be used for incorporation into and treatment of the following substrates to impart bacteriostatic/fungistatic activity:

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems;
- Air filters/materials;
- Aquarium filter material;
- Bed sheets, blankets, and bedspreads;
- Buffer pads (abrasive and polishing);
- Carpets and draperies;
- Concrete additive for sewer pipes, manholes and concrete sewer structures; (Not to be used in treatment of storm drains)
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; (Not to be used in treatment of storm drains)
- Fiberfill for upholstery, sleeping bags, apparel, etc., where the fiber is cotton, natural down, nylon, polyester, rayon, or wool;
- Fiberglass ductboard;
- Fire hose fabric;
- Humidifier belts;
- Mattress pads and ticking;
- Men's underwear and outerwear;
- Non-woven disposable ~~apparel~~;
- Outerwear apparel;
- ENVIROSYSTEMS BIOSHIELD 7200 can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include: latex indoor/outdoor paints and stains, woodstains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxane, amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;
- Polyurethane and cellulose foam for household, industrial, and institutional ~~sponges~~ and mops;
- Polyurethane and polyethylene foam, when covered;
- Polyurethane foam for packaging and cushioning in non-food contact applications;
- Polyurethane foam used as a growth medium for non-food crops and plants;
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties);
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats;
- Sand bags, tents, tarpaulins, sails and ropes;
- Athletic and casual shoes;
- Shoe insoles;
- Shower curtains;

- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra;
- Throw rugs;
- Toweling made of 100 percent cotton, 100 percent polyester, blends of the two fibers;
- Toilet tank and seat covers;
- Umbrellas;
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, and wool;
- Vacuum cleaner bags and filters;
- Vinyl paper-wallpaper for non-food contact surfaces;
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops, etc.; the wiping cloths do not impart pesticidal properties;
- Women's hosiery; and
- Women's intimate apparel;
- For use in formulating products used in residential kitchens and bathrooms on the following hard, non-porous surfaces to impart bacteriostatic/fungistatic activity;
  - Tubs
  - Glazed Tile
  - Vanity tops
  - Shower curtains
  - Shower stalls
  - Sinks
  - Washable walls
  - Floors
  - Window sills
  - Cabinets
  - Exterior of refrigerators
  - Appliances
  - Garbage cans

#### ENVIROSYSTEMS BIOSHIELD 7200

Imparts microbiostatic properties.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining, and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.



9/9

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria, which cause staining, and discoloration.

Provides/creates an invisible barrier to inhibit the growth of on fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides bacteriostatic, fungistatic, (mold and mildew), and algaestatic activity.

Note: Any claims for paint use must be for the preservation of the paint in the can.

**IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION**

Indusco, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purposes states in this label when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

INDUSCO, LTD. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING INDUSCO, LTD. AT

Indusco Ltd.  
2319 Joe Brown Drive  
Greensboro, NC 27405  
(336) 375-7555  
www.induscoltd.com