

48937-1

01-18-2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

17

Michael Chestnut
Piedmont Chemical Industries, Inc.
331 Burton Ave
High Point, NC 27261

JAN 18 2012

SUBJECT: Ztrex 72 Antimicrobial MUP
EPA Registration Number: 48937-1
Application Dated: December 1, 2011
Receipt Date: December 20, 2011

Dear Mr. Chestnut:

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and PR Notice 98-10 and 40 CFR 152.46.

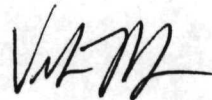
- To change brand name for Ztrex 72 Antimicrobial Agent MUP
- To modify Container Disposal statement by adding "Nonrefillable Container" to comply with new regulation.

Based on a review of the submitted information, this notification is acceptable. Your proposed changes will be made part of the record for this file.

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,



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

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 48937-R	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Piedmont Chemical Industries/ZTRES 72 Antimicrobial MUP	PM#	
5. Name and Address of Applicant (Include ZIP Code) Piedmont Chemical Industries I,LLC P.O. Box 2728 331 Burton Avenue High Point NC 27261 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 64881-2 Product Name AEM 5772 Antimicrobial	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Under container Disposal. Need to add the words "Nonrefillable Container" to comply with new regulation.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 55 Gallon Drum	5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input checked="" type="checkbox"/> Other Self adhesive	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

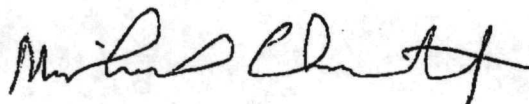
Name Michael Chestnut	Title Dir. Of Compliance & Reg.	Telephone No: (Include Area Code) 336-885-5131
--------------------------	------------------------------------	---

<p align="center">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>		<p>6. Date Application Received (Stamped)</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
2. Signature <i>Emil Delgado</i>	3. Title VP, COO	
4. Typed Name Emil Delgado	5. Date Dec. 1 2011	

CERTIFICATION STATEMENT FOR 48937 Submission

"Notification of label change per PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. Update to Storage and Disposal section only. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Signature





Piedmont Chemical Industries I, LLC

Manufacturing Chemists
High Point, North Carolina 27261

December 1, 2011

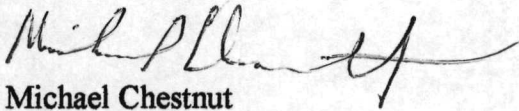
Document Processing Desk (REGFEE)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attn: Velma Noble PM 31

Please find the attached forms (EPA Form 8570-1), (Notification Certification Statement) and copy of Ztrex 72 Antimicrobial Agent MUP label with the up-dated changes according the new regulations for your review and approval.

If you have any questions or additional concerns, please feel free to contact me at (336) 885-5131.

Sincerely,



Michael Chestnut

4
7

.....
..
..
.....
.....
.....
.....
.....
.....
.....
.....

5
7

PIEDMONT CHEMICAL INDUSTRIES, I, LLC
P.O. BOX 2728, 331 BURTON AVENUE
HIGH POINT, NC 27261
PHONE# (336) 885-5131
FAX# 887-5563

ZTREX 72 ANTIMICROBIAL AGENT MUP

A SILICONE QUATERNARY AMMONIUM SALT

EPA REG. NO. 48937-1 EPA EST. 048937-NC-001
EPA REG. NO. ACTIVE INGREDIENT: 3-(TRIMETHOXYSILYL) PROPYLDIMETHYLOCTADECYL AMMONIUM CHLORIDE.....72%
INERT INGREDIENTS.....28%
CONTAINS OVER 12% METHANOL

KEEP OUT OF REACH OF CHILDREN

DANGER! ☠ **POISON** ☠

FIRST AID

Have product container or label with you when calling Poison Control or doctor, or going for treatment

- If inhaled:**
 - .Move person to fresh air.
 - .If person is not breathing. Call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
 - .Call a Poison Control Center or doctor for treatment advice.
- If in eyes:**
 - .Hold eye open and rinse slowly and gently with water for 15-20 minutes.
 - .Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
 - .Call a Poison Control Center or doctor for treatment advice.
- If in skin or clothing:**
 - .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.
- If swallowed:**
 - .Call a Poison Control Center or doctor immediately for treatment advice.
 - .Have a person sip a glass of water if able to swallow.
 - .Do not induce vomiting unless told to do so by a Poison Control Center doctor.
 - .Do not give anything by mouth to an unconscious person.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS.

DANGER! CORROSIVE! CONTAINS 12% METHANOL. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN IRRITATION. "METHANOL MAY CAUSE BLINDNESS"

May be harmful if swallowed or absorbed through the skin. May be fatal if inhaled. Do not get in Eyes, on skin, or on clothing. Wear protective eyewear, rubber gloves, NIOSH approved respirator, and protective clothing. Do Not breathe vapor. Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of methanol Vapors in the work area. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS:

THIS PESTICIDE IS TOXIC TO FISH AND AQUATIC INVERTEBRATES. 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.

Every effort should be made to contain accidental spills of concentrate to the immediate area. This may be accomplished by the use of sandbags or barrier material to confine the spill to facilitate cleanup and disposal. Contaminated sand or barrier material may then be disposed of by burial in an approved landfill. Many spills may be cleaned up with rags or other absorbent materials by wiping, soaking and/or mopping and allowing the liquid to absorb onto the material. The absorbent material may then be disposed of by incineration or landfill. Floor drains in area of material use should be protected with absorbent material or barrier material to contain accidental spills.

Inactivation of solutions containing ZTREX 72 Antimicrobial may be accomplished by addition of an anionic surfactant, or detergent in quantity equivalent to that of ZTREX 72 Antimicrobial in solution.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE. Keep away from heat and open flame.

PRODUCT FEATURES AND BENEFITS

ZTRES imparts durable biostatic activity to the surface of a wide variety of substrates. ZTRES is effective against mold, mildew and algae as a static agent. Increased efficiency-through proper application, durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of ZTRES. Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

DIRECTIONS FOR USE

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

FOR INDUSTRIAL USE ONLY. This product is registered for formulation into Antimicrobial Products or as a Microbiostatic agent for material preservation; neither this product nor the articles treated with this product may state Or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation Pursuant to 40 CFR 152.25 (a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself.

APPROVED USES: ZTRES may be applied to or incorporated into manufactured products listed below for use in industrial institutional, commercial or residential locations for non-food contact uses.

Plastics, fiberglass, metals, glass, wood, ceramics, stone, natural materials, composites: Including air filters for furnaces, air Conditioners, air purification devices, automobiles, and recirculating air handling systems; aquarium filters; automotive and vehicular parts; roofing materials (tiles, shakes, shingles, granules, stone, membranes, felt, underlayment and synthetic overcoats); building Materials and components (including siding, wallboard, wood and wood composites, insulation and non-food contacts cabinetry); ceiling tiles; concrete products; non-food contact conveyor and humidifier belts; non-food contact countertops; fiberglass duct board for air handling systems; floor covering; flooring; general purpose (non-food contact) containers; furniture; bathroom and non-food contact kitchen hardware; mats plumbing supplies and fixtures; sheet and formed glass; sponges and mops; vacuum cleaner bags and filters; foam for packaging and cushioning in non-food contact applications.

Fibers, fabrics (natural and synthetic, woven and non-woven), leather and household materials (natural and synthetic): Including buffer pads (abrasive and polishing); mattress cover pads, filling and ticking; pillow covers; sheets; blankets; Bedspreads; fiberfill for upholstery, apparel, recreational gear, quilts and pillows; curtains; draperies; carpet and carpet Underlay; rugs; upholstery; towels; shower curtains; toilet tank and seat covers; wall covering fabrics and wallpaper (including vinyl) for non-food contact surfaces; umbrellas; fire hose fabric; non-woven disposable diapers; wiping cloths; pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties); apparel including outerwear, sportswear, sleepwear, socks, hosiery, undergarments, gloves and uniforms; footwear (boots, shoes, and components); sports equipment and athletic gear; cloth for sails, ropes, tents and other outdoor equipment; sand bags; tarps; awnings; book covers; pictures.

Miscellaneous Manufactured Products: disposable foam cushion for Lapidus Airfloat Systems: foam used as a growth medium for non-food crops and plants.

HOW TO USE:

MSDS INFORMATION: BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET CAN BE OBTAINED BY WRITING TO PIEDMONT. A MATERIAL SAFETY DATA SHEET FOR A TYPICAL USE DILUTION AQUEOUS SOLUTION IS ALSO AVAILABLE.

Wear goggles or faceshield, protective clothing, rubber gloves and NIOSH approved respirator when handling the concentrated material. Use with proper ventilation. Undiluted ZTRES contains 12 percent methanol. Avoid breathing vapors. Keep away From heat and open flame. Methanol is released during mixing, application and drying. If desired, methanol removal may be accelerated by heating dilute solution before treatment of substrate. Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of methanol vapors in the work area.

ZTRES can be applied to organic and inorganic surfaces as a dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredients. Aqueous solutions can be prepared by simply adding the antimicrobial agent to water with stirring. NOTICE: Poor Agitation when adding this silane to water can result in locally high concentrations, which may form gel particles. Surfaces can be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying or fogging until adequately wet, or applying by foaming techniques. After applying treatment, the surface should be allowed to dry at temperatures from ambient to a maximum of 160C (320F) to effect complete curing of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Curing of polymer may be accelerated or enhanced with heat or catalysis. For each application, determine optimum application and drying conditions, such as time and temperature before us. If desired, reapply ZTRES if odor, staining and discoloration due to bacteria, mold or mildew occur.

Incorporate ZTRES directly into formulations used to make end-use products, or dilute with water or with organic solvents such as

7
7

Alcohols, ketones, waters, hydrocarbons and chlorinated hydrocarbons and then apply it to the organic and inorganic surfaces to Give 0.1 to 1.0 percent by weight of active ingredient.

STORAGE AND DISPOSAL
PESTICIDE IS ACUTELY HAZARDOUS

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

STORAGE: Store in original, tightly closed container in an area inaccessible to children and away from food or feed. Moisture sensitive. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original, unopened containers at or below 25C (77F) ZTREX has a minimum shelf life of 12 months from date of shipment.

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 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: Nonrefillable container. Do not reuse containers. Do not cut or weld containers. Triple rinse (or equivalent) empty containers. 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. This container will have vapor and/or product residues when emptied. All hazard precautions on label must be observed when handling emptied container.

NOTICE: PIEDMONT CHEMICAL warrants that the product conforms to its chemical description and is reasonably Fit for the purposes stated in the labeling 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 written instructions, or Under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. **PIEDMONT CHEMICAL SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.**

Lot No.:

