

87358-1

1/27/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

87358-1

Date of Issuance:

JAN 27 2011

Term of Issuance:

Conditional

Name of Pesticide Product:

Stay Fresh Antimicrobial

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Quick-Med Technologies, Inc.
160 West Camino Real, #238
Boca Raton, FL 33432

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 changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg. No.87358-1".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

[Handwritten signature of Marshall Swindell]

Date:

JAN 27 2011

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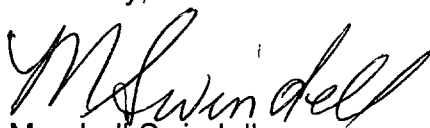
3. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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 "accepted" label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure

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Stay Fresh™ Antimicrobial

Antimicrobial Textile Finish

[FOR COMMERCIAL AND INDUSTRIAL USE ONLY]

ACTIVE INGREDIENT:

HYDROGEN PEROXIDE.....50%

INERT INGREDIENTS.....50%

TOTAL.....100%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STRONG OXIDIZING AGENT. CORROSIVE TO SKIN, MUCOUS MEMBRANE AND EYES.

[EPA REG #]

[EPA EST #]

DIRECTIONS FOR USE: SEE [BACK PANEL OR PACKAGE INSERT]SEE [BACK PANEL OR PACKAGE INSERT] FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

IF SWALLOWED: Call a 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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. If person is having difficulty breathing, give oxygen. Call a poison control center or doctor for further treatment advice.

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

IF ON SKIN OR CLOTHING: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash clothing before reuse.

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

MANUFACTURED AND DISTRIBUTED BY:

[Manufacturer Name*]

[Manufacturer Address]

[Manufacturer Phone Number]

IN CASE OF EMERGENCY, CALL [Emergency Contact #]

ACCEPTED
with COMMENTS
EPA Letter Dated:

...JAN 27 2011

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

87358-1

NET CONTENTS: Hydrogen peroxide, aqueous solution

PRODUCT FEATURES AND BENEFITS

Stay Fresh Antimicrobial has excellent durability. It imparts durable antimicrobial activity to the surface of a wide variety of substrates. *Stay Fresh* Antimicrobial suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only.

DIRECTIONS FOR USE:

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

This product is registered as an antimicrobial additive. It is designed to be incorporated during and after the textile manufacturing process to impart antimicrobial activity to the manufactured products. No finished product incorporating *Stay Fresh Antimicrobial* may make any public health claims relating to the antimicrobial activity without first obtaining an EPA registration for the finished product which permits such 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.

For 100 gallons of *Stay Fresh* Antimicrobial treatment solution, mix 6 gallons of *Stay Fresh* Binder with 87 gallons of water. Add 7 gallons of *Stay Fresh* Active. Homogenize. Surfaces can be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying or fogging until adequately wetted. For fabric treatment, material should be saturated with treatment solution. Mechanically expel excess treatment solution from fabric. After applying treatment, the surface should be allowed to dry at temperatures from ambient to a maximum of [160°C (320°F)] to effect complete condensation of active groups and to remove water [and other solvents]. Use proper ventilation when applying this product. Use appropriate personal safety protection, as detailed in the Precautionary Statements section.

Non-food contact uses only:

Interior furnishings

- Mattress cover pads and filling
- Pillow covers
- Sheets
- Blankets
- Fiberfill for quilts and pillows
- Curtains
- Draperies
- Carpet and carpet underlay
- Rugs
- Upholstery
- Mops
- Towels
- Wall covering fabrics
- Cushion pads

Apparel

- Umbrellas
- Outerwear
- Sportswear
- Sleepwear
- Stockings
- Socks and hosiery
- Caps
- Undergarments
- Inner liners for jackets
- Brim for outerwear and garments

Transportation

- Automotive and truck upholstery
- Carpeting

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Sleeping bags

Rear decks
Trunk liners
Convertible tops
Interior liners

Industrial and Other Household Items

Artificial leather
Filters
Book covers
Mops
Cloth for sails
Ropes
Tents and other outdoor equipment
Tarps
Awnings
Drain pan liners

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! Corrosive. Causes irreversible eye damage and skin burns. Fatal if inhaled or absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe spray, mist or vapors. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

For eyes and face: Use chemical splash-type monogoggles and a full-face shield made of polycarbonate, acetate, polycarbonate/acetate, PTEG or thermoplastic.

Protective clothing: For body protection, wear protective clothing such as an approved splash protective suit made of SBR Rubber, PVC (PVC Outershell with Polyester Substrate), Gore-Tex (Polyester trilaminate w Gore-Tex), or a specialized HAZMAT Splash or Protective Suit (Level A, B or C). For foot protection, wear approved boots made of NBR, PVC, Polyurethane or neoprene. Overboots made of Latex or PVC, as well as firefighter boots or specialized HAZMAT boots are also permitted. **DO NOT** wear any form of boot or overboots made of nylon or nylon blends. **DO NOT** use cotton, wool or leather, as these materials react rapidly with higher concentrations of hydrogen peroxide. Completely submerge hydrogen peroxide contaminated clothing or other materials in water prior to drying. Residual hydrogen peroxide, if allowed to dry on materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire.

Gloves: For hand protection, wear approved gloves made of nitrile, PVC or neoprene. **DO NOT** use cotton, wool or leather as these materials react rapidly with higher concentrations of hydrogen peroxide. Thoroughly rinse the outside of the gloves with water prior to removal. Inspect regularly for leaks.

Respirator Recommendation: Avoid breathing vapor or mist. When airborne exposure limits are exceeded (see below), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where exposure limit may be significantly exceeded, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure

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airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

Airborne Exposure Guidelines for Hydrogen peroxide

Exposure Limit	Value
ACGIH TWA	1 ppm or 1.4 mg/m ³
OSHA TWA PEL	1 ppm or 1.4 mg/m ³

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STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

STORAGE: Product should be stored in original container and should be kept cool and vented to avoid any explosion hazard. Avoid all contaminants, especially dirt, caustic, reducing agents and metals. Contamination and impurities will reduce shelf life and can induce decomposition.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide mixtures or rinsate is a violation of Federal Law. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling, if available, or reconditioning, or puncture and dispose of in sanitary landfill or by other procedures approved by state and local authorities.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. Corrosive. Contact with combustibles may cause fire. Contamination may cause rapid decomposition, generation of large quantities of oxygen and heat.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 EPA Regional Office.

[**NOTICE:** Quick-Med Technologies, Inc. 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 the warranty of fitness for a particular purpose does not extend to the use of this product contrary to written instruction, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.]

[**QUICK-MED TECHNOLOGIES, INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**]

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