



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

Date of Issuance:

Number:

83403-1

MAR 12 2008

Term of Issuance:

Conditional

Name of Pesticide Product:

Bactiguard

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Fenchurch Environmenal Group, Ltd
Fenchurch House
Dennow Farm, Firs Lane
Appleton Warrington
Cheshire WA4 5LF
United Kingdom

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. 83403-1".

Signature of Approving Official:

Handwritten signature of Velma Noble

Date:

MAR 12 2008

Velma Noble
Product Manager Team-31

Regulatory Management Branch I

CONCURRENCES

Table with columns for SYMBO, SURNAME, DATE and rows for Antimicrobials Division (7510C) and Form 8570-6.

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b. After the Ingredients Statement on page 1, add the following text:

**KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS
DANGER**

see left (back) (side) (right) panel) of label for additional precautionary and first aid statements.

c. Revise the applications chart on page 1 by deleting the second row. Air filters use and application is not a function of this products registration. It is considered a treated article that is exempt from pesticide registration regulations.

d. Revise the "First Aid" and "Precautionary" Statements on page 2 such that they are in compliance with guidance in the label manual and PR Notice 20001-1 to read as follows:

FIRST AID

Have product container or label with you when calling a 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 eye. Call a poison control center or doctor for treatment advice.

IF ON 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 of advice.

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

**PRECAUTIONARY STATEMENTS
DANGER**

Corrosive. Causes irreversible eye damage. Avoid contact with skin or clothing. Do not get in eyes, on skin, or clothing. Wear protective eyewear (safety goggles or faceshield), clothing, and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

e. Revise the "Environmental Hazards" instructions on page 2 to be in compliance with 95-1 by stating:

Do not discharge effluent containing CONCURRENCES 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			
SYMBOL			
SURNAME			
DATE			

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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 EPA.

f. The label must support "Storage and Disposal" instructions according to PR Notice 83-3 and 84-1. Therefore, add the following text to the label after the "Environmental Hazard" statements:

Storage and Disposal

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

Pesticide Storage: Store in original container in area inaccessible to persons unfamiliar with its use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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: 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.

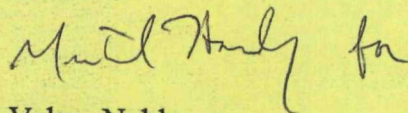
g. Add the following statement as the first claim under "Claims" on page 2, "This product is not intended to control or kill public health organisms."

3. Submit three (3) 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 label is enclosed for your records.

Sincerely,



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

Enclosure: (Stamped Label)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

LABELING FOR BACTIGUARD

Active Ingredient:

N-Alkyl (C14-50%, C12-40%, C16-10%) Dimethyl Benzyl Ammonium Chloride.....	1.38%
5-chloro-2-methyl-4-isothiazolin-3-one.....	0.036%
2 methyl-4-isothiazolin-3-one (mixture 3:1).....	0.013%
Inert Ingredients	98.571%
Total Ingredients:	100.000%

Bactiguard is an additive developed by Fenchurch Environmental Group for incorporation into the products that it (or its subsidiaries or sub-contractors) **only** manufacture. Bactiguard is not available for general re-sale and supply to third parties.

EPA REG. NO.

EPA EST. NO. _____

Fenchurch Environmental Group Ltd
 Fenchurch House
 Dennow Farm, Firs Lane
 Appleton, Warrington
 Cheshire WA4 5LF
 United Kingdom

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:
MAR 12 2008

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended, for the pesticide,
 registered under EPA Reg. No
83403-1

APPLICATIONS

USES & FINISHED PRODUCTS	DIRECTIONS FOR USE
<p>Air Filter Materials Non-woven polyesters, glass fibre, polypropylene, PTFE, polyurethane foam, composite foams, felt, woven fabrics.</p>	<p>Preventative Treatment – For prevention of bacterial, fungal, mould and algae growth. Apply Bactiguard at 50% by weight of the base fibre material (e.g. 45cc (45gms) per square metre of filter fibre at a base weight of 90gms per square metre). Drive off all water. Permit media to dry thoroughly before forming into air filter products.</p>
<p>For use in heating & ventilation equipment, air conditioning purification devices, recirculating air handling systems, or furnaces, room dehumidifiers, non-feed water kitchen equipment such as cookerhood filters, and air conditioning systems, in filled beds, and so on.</p>	<p>Preventative treatment – prevention of bacterial, fungal, mould and algae growth. Use pre-treated media to maintain the required shape size to achieve the required performance level in air conditioning. No special restrictions apply as the filter materials have been tested and allowed to dry under the conditions associated with working with the materials apply.</p>

Front panel

CAUTION
KEEP OUT OF REACH OF CHILDREN
HAZARD TO HUMANS AND DOMESTIC ANIMALS

FIRST AID

IF IN EYES	WASH THOROUGHLY WITH WATER FOR MINIMUM OF 15 MINUTES. KEEP EYES WIDE OPEN. SEEK MEDICAL ATTENTION.
IF SWALLOWED	RINSE MOUTH THOROUGHLY WITH WATER. GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING. DO NOT GIVE FLUIDS TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION IMMEDIATELY
IF ON SKIN	REMOVE CONTAMINATED CLOTHING IMMEDIATELY. DRENCH SKIN WITH WATER. WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. RINSE THOROUGHLY. IF ANY SYMPTOMS ARISE OR PERSIST SEEK MEDICAL ADVICE.
IF INHALED	REMOVE TO FRESH AIR. KEEP WARM AND AT REST. SEEK MEDICAL ATTENTION.

PRECAUTIONARY STATEMENTS

CORROSIVE – CAUSES BURNS TO SKIN AND EYES. EFFECTS MAY BE DELAYED. HARMFUL IF SWALLOWED. MAY CAUSE SENSITISATION BY SKIN CONTACT.

HARMFUL IF SWALLOWED

KEEP OUT OF REACH OF CHILDREN. WEAR SUITABLE PROTECTIVE CLOTHING. GLOVES AND EYE/FACE PROTECTION

ENVIRONMENTAL HAZARDS

Prevent contamination of waterways. Do not dispose of Bactiguard or Bactiguard treated materials, or used air filters or air filter materials treated with Bactiguard into lakes, streams, ponds, estuaries, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge, or into places other than those approved of for the disposal of general household/commercial waste.

CLAIMS

Bactiguard is bacteriostatic, fungistatic, algaestatic.

Bactiguard inhibits smelly odours caused by mould and mildew growth on filter materials

Bactiguard is a microbiostatic agent to

- prevent the growth of fungi (mould and mildew) on the surfaces of the filter media
- prevent the growth of algae on the surfaces of the filter media
- prevent the growth of odour causing bacteria
- prevent staining and discolouration caused by bacteria on the filter

Bactiguard is a microbiostatic agent to

- preserve the filter materials against the growth of fungi (mould and mildew)
- preserve the filter materials against the growth of mould
- preserve the filter materials against the growth of algae
- preserve the filter materials against the growth of odour causing bacteria
- preserve the filter materials against the growth of bacteria which cause staining and discolouration

Bactiguard is a microbiostatic agent to

- inhibit the growth of fungi (mould and mildew)
- inhibit the growth of algae on the surfaces of the filter media
- inhibit the growth of odour causing bacteria
- inhibit the growth of bacteria which cause staining and discolouration
- inhibit the growth of odour caused by bacteria on the filter media

Bactiguard is a fungistatic agent to

- prevent the growth of fungi (mould and mildew) on the surfaces of the filter media
- prevent the growth of odour causing bacteria
- prevent staining and discolouration caused by bacteria on the filter

Bactiguard is a fungistatic agent to

- preserve the filter materials against the growth of fungi (mould and mildew)
- preserve the filter materials against the growth of mould
- preserve the filter materials against the growth of odour causing bacteria
- preserve the filter materials against the growth of bacteria which cause staining and discolouration

Bactiguard is a fungistatic agent to

- inhibit the growth of fungi (mould and mildew)
- inhibit the growth of odour causing bacteria
- inhibit the growth of bacteria which cause staining and discolouration
- inhibit the growth of odour caused by bacteria on the filter media

Bactiguard is an algaestatic agent to

- prevent the growth of algae on the surfaces of the filter media
- prevent the growth of odour causing bacteria
- prevent staining and discolouration caused by bacteria on the filter

Bactiguard is an algaestatic agent to

- preserve the filter materials against the growth of algae
- preserve the filter materials against the growth of odour causing bacteria
- preserve the filter materials against the growth of bacteria which cause staining and discolouration

Bactiguard is an algaestatic agent to

- inhibit the growth of algae on the surfaces of the filter media
- inhibit the growth of odour causing bacteria
- inhibit the growth of bacteria which cause staining and discolouration
- inhibit the growth of odour caused by bacteria on the filter media