

82523-2

5/28/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 28 2009

Mr. David Swain  
Agent for  
Scientific & Regulatory Consultants, Inc.  
P.O. Box 1014  
Columbia City, IN 46750

Subject: **AerisGuard Bioactive Filter Treatment**  
EPA Registration Number 82523-2  
Application Dated February 27, 2009  
EPA Received Date March 3, 2009

Dear Mr. Swain:

The following label revisions submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment:**

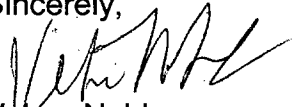
- Update Storage and Disposal

**General Comments:**

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,



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

CONCURRENCES							
SYMBOL	Enclosure: stamped label						
SURNAME							
DATE							

# AERISGUARD™

## BIOACTIVE FILTER TREATMENT

### FOR TREATMENT OF AIR CONDITIONING DUST FILTERS

- [Effectively] [Controls] [Prevents] [Inhibits] the growth of [fungi][mildew][mold][mold and mildew] [Aspergillus niger] [bacteria] on air conditioning filter material
- [Controls][Prevents][Inhibits] [fungi][mildew][mold][mold and mildew] on air conditioning filters
- [This product is a] [fungistat] [mildewstat] [bacteriostat]
- For commercial, industrial and residential application by HVAC service personnel
- [To] Extend[s] filter life
- [Contains a] Non-volatile active

**ACTIVE INGREDIENT:**

n-alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%) dimethyl benzyl ammonium chloride.....4.80%

**INERT INGREDIENTS**.....95.20%

**TOTAL**.....100.00%

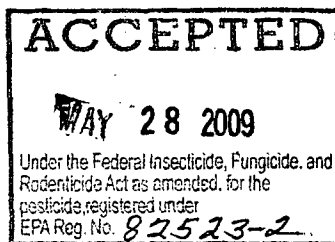
**KEEP OUT OF THE REACH OF CHILDREN**  
**DANGER**

See back panel for first aid and additional precautionary statements

**NET CONTENT:**

Aeris Environmental LTD  
[ABN 19 093 977 336]  
5/26 – 34 Dunning Ave.  
Rosebery  
NSW 2018 Australia

EPA Reg. No. 82523-2  
EPA Est. No.



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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.

**PLEASE REFER TO AERIS ENVIRONMENTAL STANDARD OPERATING PROCEDURE SOP 007 FOR FULL DIRECTIONS FOR USE.**

**Aeris Guard™ commercial products are for use by Aeris Accredited Applicators.**

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

Precautionary Statements

Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear protective eyewear such as safety glasses or face shield and rubber gloves. Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum, using tobacco or using the restroom. Remove and wash contaminated clothing before reuse.

{for containers 1 gallon or less}

**STORAGE AND DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Keep in original container inaccessible to children and persons unfamiliar with its use. Completely empty package. Offer for recycling if available. Discard in the trash.

Note: Bracketed [ ] information is optional text. Text separated by a comma (,) denotes-and/or-options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

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{for containers greater than 1 gallon}

**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Keep in original container inaccessible to children and 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:** Nonrefillable container. Do not reuse or refill this container. 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.

AERIS ENVIRONMENTAL LTD			
Bioactive Filter Treatment			SOP NO 007
PREPARED BY	CHECKED BY	SUPERCEDES	ISSUE DATE
G Shallcross	S Kritzler	{version may change} Version 3.3 USA	{insert appropriate date} 073107
STANDARD OPERATING PROCEDURE			PAGE Page 1 of 2

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**AerisGuard™ Bioactive Filter Treatment (BAFT) EPA Reg. No. 82523-2**

**1. SCOPE AND PURPOSE**

To outline the direction for use of AerisGuard™ Bioactive Filter Treatment (BAFT) on air conditioning dust filters following cleaning or replacement.

**2. USUAL SAFETY PRECAUTIONS**

**Read the precautionary statements on the product label.**

Ensure that the unit is “off line” during the entire process. This must be done by arrangement with the engineering staff at the site if necessary.

When isolating HVAC electrical energy systems adhere strictly to requirements of Occupational Safety and Health Standard 1910.147, entitled “The Control of Hazardous Energy (lockout/tagout).”

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear such as safety glasses or face shield and rubber gloves. Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum, using tobacco or using the restroom. Remove and wash contaminated clothing before reuse.

Other safety equipment may be required. Occupational Health & Safety requirements can vary geographically or by project nature.

**3. PRINCIPLE OF METHOD**

The method is based on the application of AerisGuard BAFT to non-paper based filter media used in air filters in HVAC systems. The treatment provides protection against the growth of fungi, mold and mildew. The treatment is classed as a fungistat and mildewstat and is bacteriostat.

Do not use on HEPA or any paper based filter media.

**4. APPLICATION**

Following filter cleaning or replacement, apply the product directly to the filter. Spray liberally on the filters until the entire surface is damp.

Note: Bracketed [ ] information is optional text. Text separated by a comma (,) denotes and/or-options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

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AERIS ENVIRONMENTAL LTD			
<b>Bioac. Filter Treatment</b>			SOP NO 007
PREPARED BY G Shallcross	CHECKED BY S Kritzler	SUPERCEDES {version may change} Version 3.3 USA	ISSUE DATE {insert appropriate date} 073107
<b>STANDARD OPERATING PROCEDURE</b>			PAGE Page 2 of 2

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It is important to ensure that all media within the filter is covered to ensure no growth pockets can occur in untreated areas of the filter.

With cardboard disposable, (cardboard/beverage board framed) filters try to avoid the frame as excessive dampening may reduce the structural integrity of the filter.

The product is to be applied evenly and liberally to the media surface to ensure the filter media is dampened with the treatment. Ensure that if the filters are multiple pocket-type that penetration is achieved through the depth of the pockets.

### 5. CLEANING EQUIPMENT

Fill spray unit used to apply AerisGuard BAFT with water and operate to ensure no traces of the solution remain within the unit.

Follow manufacturer's other maintenance procedures for the spray equipment.

SOP007 Bioactive Filter Treatment V3.3 USA {version may change}

Note: Bracketed [ ] information is optional text. Text separated by a comma (,) denotes-and/or-options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.