

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 21 2006

Ms. Ann Cozad  
Agent for Aeris Technologies, LTD  
SRC Consultants, Inc.  
P.O. Box 1014  
Columbia City, IN 46725

Subject: Aeris Guard Bioactive Filter Treatment  
EPA Registration No.: 82523-2  
Notification Date: August 21, 2006  
EPA Receipt Date: August 23, 2006

Dear Ms. Cozad,

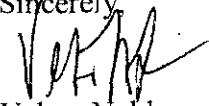
The following notification is submitted in connection with registration under the provision of FIFRA section 3(c)9 and PR Notice 98-10.

- Addition of Marketing Text

**General Comments**

Based on a review of the submitted materials, the notification is acceptable and apart of the records on file.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,  


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

**CONCURRENCES**

SYMBOL	SURNAME	DATE					



August 21, 2006

Ms. Velma Noble, PM 31  
 Document Processing Desk (NOTIF)  
 Office of Pesticide Programs (7504P)  
 U.S. Environmental Protection Agency  
 Room S-4900, 4th Floor  
 One Potomac Yard  
 2777 S Crystal Drive  
 Arlington, VA 22202

SUBJECT: AerisGuard™ Bioactive Filter Treatment  
 EPA Reg. No.: 82523-2

Dear Velma,

On behalf of our client Aeris Technologies LTD (Aeris), enclosed is a submission for AerisGuard™ Bioactive Filter Treatment (BAFT, EPA Reg. No. 82523-2). **This is a notification per PR Notice 98-10. Therefore no PRIA fee is required.**

The primary purpose of this notification is to make minor additions to marketing text. All changes are marked by red text in the Master Label. This notification is consistent with PR Notice 98-10.

Please contact me at (260) 244-6270 or at [acozad@srconsultants.com](mailto:acozad@srconsultants.com) if you have any questions about this registration.

Sincerely,

Ann Cozad  
 Agent for Aeris Technologies LTD

cc: S. Kritzler

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



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 82523-2	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) AerisGuard™ Bioactive Filter Treatment	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Aeris Technologies Ltd. Unit 5/26-34 Dunning Avenue Rosebery, NSW 2018 Australia <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. _____ Product Name _____	

### 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.)

Notification of text additions through PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or confidential statement of formula of 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 this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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. Please contact Ann Cozad at acozad@srconsultants.com or at 260-244-6273 (fax) with any questions.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted			If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass
			If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 6.76 fl. oz, 16.91 fl. oz, 1 qt., 1.32 gallon, 5L		5. Location of Label Directions <input checked="" type="checkbox"/> On label	
6. Manner in Which Label is Affixed to Product			<input checked="" type="checkbox"/> Lithograph Paper glued Stenciled	<input type="checkbox"/> Other _____	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Ann M. Cozad	Title Agent for Aeris Technologies Ltd.	Telephone No. (Include Area Code) (260) 244-6270
<b>Certification</b> 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.		6. Date Application Received <b>(Stamped)</b>
Signature 	3. Title Agent for Aeris Technologies Ltd.	
4. Typed Name Ann M. Cozad	5. Date August 21, 2006	

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**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 Technologies LTD  
[ABN 19 093 977 336]  
Unit 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 TECHNOLOGIES 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, or on clothing. Wear protective eyewear such as safety glasses or face shield. 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:** Keep in original container inaccessible to children and persons unfamiliar with its use. Completely empty package. 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.

{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:** 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.

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AERIS TECHNOLOGIES LTD			
<b>Bioactive 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} 050306
<b>STANDARD OPERATING PROCEDURE</b>			PAGE Page 1 of 2

**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, or on clothing. Wear protective eyewear such as safety glasses or face shield. 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.

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AERIS TECHNOLOGIES LTD			
Bioactive Filter Treatment			SOP NO 007
PREPARED BY G Shallcross	CHECKED BY S Kritzler	SUPERCEDES {version may change} Version 3.3 USA	ISSUE DATE {insert appropriate date} 050306
STANDARD OPERATING PROCEDURE			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.