



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 82523-3

Date of Issuance: JUL 18 2006

Term of Issuance: Conditional

Name of Pesticide Product: Aeris-Guard Bioactive Surface Treatment

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Aeris Technologies LTD
Unit 5/26-34
Dunning Ave.
Rosebery
NSW 2018 Australia

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. 82523-3".

Signature of Approving Official:

[Handwritten signature]

Date:

JUL 18 2006

CONCURRENCES

Table with columns for SYMBOL, BURN, DATE, and names of officials (e.g., Norma Noble, Product Manager Team-31, Regulatory Management Branch I, Antimicrobials Division (7510P)). Includes handwritten initials and dates like 7/18/06.

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b. Revise the first page of the label, by revising the statement immediately following the product name to end as follows: *“...and drain pans in Commercial, Institutional and Industrial Buildings: Apartment Complexes, Motel/Hotel, Restaurants/Bars, Supermarkets/Grocery Stores, Convenience Stores, Schools, Dormitories, Hospitals, Nursing Homes, Other Medical Facilities, Manufacturing Facilities, Post Offices, Office Buildings, Retail Buildings, Courthouses, Prisons, Banks, Other Government Buildings and Museums.”*

c. Delete each occurrence of the following claims from page one of your label: “prevents,” “for 12 months,” “for 1 year.” As stated by the Agency to you on 12/2/05 and 2/23/06 these claims require efficacy data be submitted to the Agency for review. These claims are not acceptable at this time as data to support these claims has not been submitted.

d. Revise the 1<sup>st</sup> and 3<sup>rd</sup> bullets on page one to read: “...[mold and mildew][and][odor causing bacteria] on Air Handling...” and “...mold and mildew [and odor causing bacteria]” as you have not provide data to support public health claims for bacteria.

e. Revise the statement on page one: “This product is not to be used on ductwork surfaces.” to read: *“Do not use this product to treat ductwork.”*

f. Also add the following statement as a bullet on page one of the label: *“Do not apply more than 10 gallons of this product per day.”*

g. The use of this product in air handlers may, as part of the Reregistration of this active ingredient, trigger a 90 day inhalation study.

h. Delete the statement on page two which begins: *“\*For use in Residential, Commercial, Institutional...”* and ends: *“...Banks, Other Government Buildings and Museums.”* as several of these sites are not approved for this product and this information is now included on the first page of your label.

i. Revise the “Precautionary Statements” as follows: revise the heading “Precautionary Statements” such that it is in a larger font size and text is in bold. Revise the Precautionary Statement itself to include: *“...safety goggles or face shield and full-body overalls...”*

j. Revise the “Environmental Hazards” statement to read as follows: *“This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans...”* and *“...this product into sewer systems without previously...”*

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k. Revise the "Storage and Disposal" statements on page 3 by deleting the current text such that this section reads exactly as follows:

**"STORAGE AND DISPOSAL**

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

*PESTICIDE STORAGE: Keep container closed when not in use. Place in locked storage area inaccessible to children and others 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 the 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."*

l. Revise the last statement in the first section of 1. of the Standard Operating Procedure to read: "Do not use this product to treat ductwork." Also revise the second section of 1. to include: "All surfaces must be inspected..." and by adding: "Do not apply more than 10 gallons of this product per day." The use of the term must is required as per PR Notice 2000-5.

m. Revise the first section of 2. of the Standard Operating Procedure to read: "System must be "off line" during the entire process..." Also revise the precautionary language in this section to be in agreement with the other statements on the label as follows: "...safety goggles or face shield and full-body overalls..."

n. Revise section 3. of the Standard Operating Procedure to include the following: "Inspect system for proper mechanical operation. Perform necessary repairs to the system prior to applying this product."

o. Revise section 4. of the Standard Operating Procedure such that the first statement in this section reads as follows: "For use only in air handlers which are large enough for the applicator to enter the unit via a pre-existing door."

Revise the text which follows the heading "Air Handling Rooms" to include: "...doors, seals, and ceilings made of bare metal or semi porous concrete or plaster associated with commercial air handling units vary..." Also correct the second section to read: "...This process is facilitated by...If no drainage exists then wet vacuum can be employed to remove excess water."

Revise the text which follows the heading "Sound Insulation" to include: "Many air handling units have some... If this insulation is non-porous remediate the surface as

described..." and "If the surface is made of ~~concrete~~ <sup>concrete</sup> or plaster then various alternative..."

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Revise the text which follows the heading "Drain Pans" to include: "...These pans are situated...the large volumes of water *within the air handler* which collect on the..." and "Because of the risk of blockage of these drain *lines* by refuse blown into the building..."

p. Revise section 5.2. of the Standard Operating Procedure such that the first section includes the following language: "After ensuring that the surface is well cleaned and rinsed of any cleaning solutions, AerisGuard BAST is then applied using the electric type airless spray gun at a rate of 0.13 US pints per 10 ft<sup>2</sup> (60 ml per m<sup>2</sup>)...Apply to *only those surfaces identified on this label (do not apply to cooling coils or ductwork) until surfaces are evenly wet...*"

Revise the second section as follows: "Following completion of the treatment, do not restart the system until surfaces are dry. Then purge the system on full outside air overnight whenever possible..."

Revise the section following the heading: "Bare Metal..." by replacing the last statement beginning: "This product is not to be used..." with the following: "*Do not use this product to treat ductwork.*"

Revise the heading "Semi Porous Surfaces (Concrete floors and walls or Plaster (drywall or particle board))" to read exactly as follows: "Semi Porous Surfaces (Concrete floors and walls or Plaster *walls*)" as this product is not for use on drywall or particle board. In addition, revise the first statement of this section to read: "Apply to *these* internal surfaces of the air handling system. *using electric type airless gun* until surface is evenly wet..."

q. Revise section 6. of the Standard Operating Procedure such that the first statement in this section reads exactly as follows: "**ALL HVAC CLEANING MUST CONFORM WITH ALL AIR...**"

3. The following table includes the status of the six acute toxicity studies which were submitted for this product:

Study	MRID Number	Toxicity Category	Status
Acute Oral Toxicity	467772-04	IV	Acceptable
Acute Dermal Toxicity	467772-05	IV	Acceptable
Acute Inhalation Toxicity	467772-06	IV	Acceptable
Primary Eye Irritation	467772-07	I	Acceptable
Primary Skin Irritation	467772-08	IV	Acceptable
Dermal Sensitization	467772-09	Nonsensitizer	Acceptable

4. Do not market or distribute this product in the 6,8 ounce container which was noted in the Application for Pesticide as the site for which you intended this small package size has not been approved for this product.

5. This product requires Child Resistant Packaging as per 40 CFR Part 157.22 based on the toxicity of this product and the use of this product in schools. Submit certification that this

CONCURRENCES							
SYMBOL	Product is packaged appropriately as per 40 CFR Part 157.34.						
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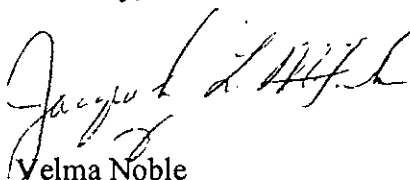
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EPA Reg. No. 82523-3

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. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: (Stamped Label)  
7510P:T. Lantz:7/14/06:82523-3

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**AERIS-GUARD™**  
**BIOACTIVE SURFACE TREATMENT**  
 FOR TREATMENT OF BARE METAL, SEMI POROUS (CONCRETE OR PLASTER)  
 INTERNAL HVAC SURFACES OF AIR HANDLING UNIT: FLOORS, WALLS AND  
 CEILINGS, FANS AND FAN SHROUDS, DAMPERS, AND DRAIN PANS IN  
~~RESIDENTIAL~~, COMMERCIAL, INSTITUTIONAL AND INDUSTRIAL BUILDINGS\*.

- [Controls] ~~[Prevents]~~ [Inhibits] the growth of [fungi][mildew][mold][mold and mildew] [and][bacteria] on Air Handling Unit surfaces ~~[for 12 months]~~ [for 1 year]
- [Fungistat] [mildewstat] [bacteriostat] [deodorizer]
- Effective as a static agent against mold and mildew [and bacteria]
- Effectively controls mold [and odor causing bacteria] ~~[for 12 months]~~ ~~[for 1 year]~~ on Air Handling Unit surfaces
- **For application only by Aeris Accredited HVAC Applicators**
- ~~This product is not to be used on ductwork surfaces~~
- Non-corrosive coating
- Non-volatile residue

Do not use this product to treat ductwork.

• Do not apply more than 10 gallons of this product per day.

**ACTIVE INGREDIENT:**

n-alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%) dimethyl benzyl ammonium chloride.....1.20%

INERT INGREDIENTS.....98.80%

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  
Unit 5/26 - 34  
Dunning Ave.  
Rosebery  
NSW 2018 Australia

EPA Reg. No.  
EPA Est. No.

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:  
**JUL 18 2006**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No **82523-3**

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.

Directions for Use

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

AerisGuard™ BAST is to be used only in systems where visible mold or mildew has been detected. Apply BAST after inspecting and identifying contaminated areas. in accordance with SOP 004 (sections 3 and 4), remove all mold prior to applying BAST.

**REFER TO AERIS TECHNOLOGIES STANDARD OPERATING PROCEDURE 004 (SOP 004) INCLUDED IN THIS LABELING.**

**This product is ONLY for sale to authorized Aeris Distributors and for use only by applicators that have successfully completed the Aeris Accredited Applicator Training Program and are familiar with the directions for use in SOP 004 referenced above. Aeris Distributors must keep records of all shipments and of all Aeris Accredited Applicators in their region.**

\* For use in ~~Residential, Commercial, Institutional and Industrial Buildings including Homes, Apartment Buildings, Hotels, Restaurants/Bars, Supermarkets/Grocery Stores, Convenience Stores, Schools, Offices, Hospitals, Nursing Homes, Other Medical Facilities, Manufacturing Facilities, Government Offices, Office Buildings, Retail Buildings, Courthouses, Prisons, Banks, Other Government Buildings and Museums.~~

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

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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Precautionary Statements  
Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear chemical resistant gloves, safety goggles, face mask and full-body overalls. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS:** Do not discharge effluent containing this product into lakes, streams, 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.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty package. Triple rinse with water. Dispose of package in a sanitary landfill or incinerate if allowed by State and local authorities. If burned stay out of smoke. Do not reuse empty container.



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AERIS TECHNOLOGIES LTD			
Bioactive Surface Treatment			SOP NO 004
PREPARED BY	CHECKED BY	SUPERCEDES	ISSUE DATE
G Shallcross	S Kritzler	{version may change} Version 3.2 USA	{insert appropriate date}
STANDARD OPERATING PROCEDURE			PAGE Page 1 of 5

**AerisGuard™ Bioactive Surface Treatment (BAST)      EPA Reg. No. 82523-xx**

**1. SCOPE AND PURPOSE**

To outline the direction for use of AerisGuard™ Bioactive Surface Treatment (AerisGuard™ BAST) on bare metal, semi porous (concrete or plaster) internal HVAC surfaces of Air Handling Units: floors, walls and ceilings, fans and fan shrouds, dampers and drain pans. This product is not to be used on ductwork surfaces.

AerisGuard™ BAST is to be used only in systems where visible mold or mildew has been detected. All surfaces should be inspected and contaminated areas identified. Apply AerisGuard™ BAST only after removing all mold from these surfaces.

**2. DIRECTIONS FOR USE**

**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)."

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear chemical resistant gloves, safety goggles and face mask and full-body overalls. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

Additional safety equipment may be required dependant on state and local regulations or the particular nature of the project.

**UNDER NO CIRMUNSTANCES IS SMOKING PERMITTED IN OR WITHIN 100 FEET OF THE HVAC FACILITY BEING TREATED.**

© Aeris Technologies Limited 2003 – 2005

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AERIS TECHNOLOGIES LTD			
<b>Bioactive Surface Treatment</b>			SOP NO 004
PREPARED BY	CHECKED BY	SUPERCEDES <i>{version may change}</i> Version 3.2 USA	ISSUE DATE  <i>{insert appropriate date}</i>
G Shallcross	S Kritzler		
<b>STANDARD OPERATING PROCEDURE</b>			PAGE Page 2 of 5

### 3. INSPECTING AND IDENTIFYING CONTAMINATED SURFACES

HVAC systems operate more efficiently when they are in a clean condition. When significant amounts of contaminants, debris, or microbial growth are evident, then those contaminated areas must be cleaned as described below.

### 4. PREPARATION OF SURFACES (Assurance of surface cleanliness)

*For use only in air handlers which are large enough for the applicator*  
 These surfaces must be cleaned prior to the application of AerisGuard™ BAST. Mechanically dislodge attached particulate and debris using vacuum units, mechanical and hand brushes, pressurized air sources and other tools as required. Collect using a HEPA filter equipped vacuum cleaner. This is followed by the complete cleaning of soil from all internal HVAC surfaces of air handling units using a special cleaner formulated to clean such soils but that will not damage any of the unit's surfaces or components.

*→ to enter via a pre-existing door.*

#### Air Handling Rooms

The methods of remediating walls, floors, doors, seals and ceilings associated with commercial HVAC vary according to the degree of severity of the colonization. If the growth is very visible, with a furry surface and a very severe musty smell the surfaces must be scraped to remove the growth. Dispose of the biological soil as hazardous waste.

For surfaces with visible but not severe growth use a multi-enzyme product to remove the biological matter. This process can be facilitated by hosing the surface. Plant rooms are traditionally built with sloping floors to facilitate water drainage. If no drainage exists then wet vacuum can be employed.

#### Sound insulation

Many plant rooms have some or all of their surfaces insulated against sound transmission. If this insulation is non-porous the surface can be remediated as described in the air handling section. If the surface is porous then various alternative courses of action will need to be considered depending upon the degree of contamination within the porous surfaces.

If the porous surface has any areas of severe fungal colonization then the insulation must be stripped, disposed of as contaminated waste and replaced.

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AERIS TECHNOLOGIES LTD			
Bioactive Surface Treatment			SOP NO 004
PREPARED BY G Shallcross	CHECKED BY S Kritzler	SUPERCEDES {version may change} Version 3.2 USA	ISSUE DATE  {insert appropriate date}
STANDARD OPERATING PROCEDURE			PAGE Page 3 of 5

### Drain Pans

These pans are situated beneath cooling coils to collect the large volumes of water which collect on the cooling surfaces as humid air is cooled. A common problem encountered with these systems even without the incidence of storms and flooding is the blockage of drain lines, which leads to pans overflowing and causing water damage.

Because of the risk of blockage of these drain lines which are usually of relatively small diameter by refuse blown into the building or arising as a result of growth of slime in the drain line or in the pan **the replacement of these drain lines is recommended.**

The condensate pans themselves must be cleaned. This is best accomplished with a multi-enzyme cleaning product. It may be possible to avoid the replacement of the drain lines if the drains are able to effectively empty in the course of their cleaning.

### Fans and fan housing

The high velocity of fans can lead to condensation of water that supports mold and other growth.

All surfaces must be cleaned in accordance with NADCA standard ACR 2005.

Additional associations and society Internet sites that may be consulted for additional information and guidance include:

- ACCA – [www.acca.org](http://www.acca.org)
- ASHARE – [www.ashrae.org](http://www.ashrae.org)
- IAQA – [www.iaqa.org](http://www.iaqa.org)
- NADCA – [www.nadca.com](http://www.nadca.com)
- NAIMA – [www.naima.org](http://www.naima.org)
- SMACNA – [www.smacna.org](http://www.smacna.org)

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AERIS TECHNOLOGIES LTD			
<b>Bioactive Surface Treatment</b>			SOP NO 004
PREPARED BY	CHECKED BY	SUPERCEDES <i>{version may change}</i> Version 3.2 USA	ISSUE DATE  <i>{insert appropriate date}</i>
G Shallcross	S Kritzler		
<b>STANDARD OPERATING PROCEDURE</b>			PAGE Page 4 of 5

**5. PROCEDURE**

**5.1. Set Up**

Tarpaulin/plastic sheeting is used to protect the air filters from any deposits of cleaning solution, treating solution or water. Other parts of the system may need to be covered as well, i.e. fan motors, sensors, etc. in close proximity to work area.

If using diesel fueled hot water pressure cleaners or any other equipment that may potentially set off warning devices, do not place under any smoke or fire detectors as they could be set off. Isolation of these sensors should be arranged with the building/facility manager.

Ensure that the hoses for the pressure cleaner are all on securely to avoid any excess water on the floor. The use of door mats is advisable to stop any dirt being walked into other areas. All traces of dirt must be removed before leaving site.

**5.2. AerisGuard™ BAST Application**

**General directions:**

After ensuring that the surface is well cleaned and rinsed of any cleaning solutions, AerisGuard™ BAST is then applied using the electric type airless spray gun (0.13 US pints per 10ft<sup>2</sup> (60 ml per m<sup>2</sup>)). Adjust spray mist to the finest particle size possible. Apply until all surfaces (excluding cooling coils and ductwork) are evenly wet. If pooling occurs, mop up excess solution.

Following completion of the treatment, allow to dry before restarting the system, the system should then be purged on full outside air overnight whenever possible. Adequate ventilation must be applied to ensure no aerosol residual of the treatment can be detected.

The AerisGuard™ BAST solution does not need to be rinsed off any of the surfaces.

**Bare Metal (Fans, Fan Shrouds, Dampers and Drain Pans):**

Spray surface until it is evenly wet to ensure adequate coverage. If the application results in surface runoff or liquid pooling, lower the application rate until the surface is thoroughly and evenly wet without runoff or pooling. This product is not to be used on ductwork surfaces.

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 TECHNOLOGIES LTD			
Bioactive Surface Treatment			SOP NO 004
PREPARED BY	CHECKED BY	SUPERCEDES {version may change} Version 3.2 USA	ISSUE DATE
G Shallcross	S Kritzler		{insert appropriate date}
STANDARD OPERATING PROCEDURE			PAGE Page 5 of 5

**Semi Porous Surfaces (Concrete floors and walls or Plaster (drywall or particle board)):**

Apply to all internal surfaces of the air handling system until surface is evenly wet. Apply using spray equipment. Inspect and assure that penetration is satisfactory. It may be helpful to apply spray initially from side to side and then repeat the application moving the spray from top to bottom to assure uniform coverage.

**5.3. Cleaning Up**

Fill AerisGuard™ BAST spray apparatus with water and operate to ensure no traces of solution remain within the unit. Follow manufacturer's other maintenance procedures for the spray equipment.

Ensure no trace of work or cleaning related debris remains on completion of this process. The use of door mats and/or cardboard boxes at entry and exit points of the air handling unit helps to keep this cleaning to a minimum.

**6. REFER TO PROFESSIONAL HVAC CLEANING STANDARDS AND REGULATION IN YOUR AREA**

IT IS HIGHLY RECOMMENDED THAT ALL HVAC CLEANING CONFORMS WITH ALL AIR SYSTEM CLEANING GUIDELINES SET OUT IN NADCA STANDARD, ASSESSMENT, CLEANING, AND RESTORATION OF HVAC SYSTEMS ACR 2005

***An Industry Standard Developed by the National Air Duct Cleaners Association***

Contact NADCA at

NADCA  
National Air Duct Cleaners Association  
1518 K Street N.W., Suite 503  
Washington, DC 20005  
[www.nadca.com](http://www.nadca.com)

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