

Date:

March 22, 2006

EPA Form 8570-6

Adam Heyward
Product Manager 34

Signature of Approving Official:

Regulatory Management Branch II

Antimicrobials Division (7510C)

- C. The EPA Establishment Number must be listed on the label.
- D. The precautionary statement must read as follows:

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or, using tobacco."

E. The First Aid Statement must read as follow:

"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."

NOTE THAT THE AGENCY HAS NO OBJECTIONS IF YOU WANT TO KEEP THE CURRENT PRECAUTIONARY STATEMENT AND FIRST AID STATEMENTS ON THE LABELING.

- F. Revise the claim for fungi to read "odor causing fungi" where ever it appears on the labeling and the Standard Operating Procedure (SOP).
- G. Bacteriocidal is considered to be a public health claim. No data was submitted to support the claim. In the absence of supporting data, the claim must be <u>deleted</u> from the labeling and the SOP.
- H. Revise the claim for bacteria to read "odor causing bacteria" where ever it appears on the labeling and the SOP.
- 3. To maintain the current residual efficacy claim on the label or additional residual efficacy claims, you must submit the following data:

TYPE OF DATA	DUE DATE	COMMENTS
12 Month Residual Bacteriostatic Effectiveness Data	August 21, 2006	The residual efficacy data must be reviewed by EPA and found to be acceptable to support all residual claims. If the data is not acceptable, the claim must be deleted from the label.

4. Submit three (3) copies of the final printed label prior to releasing this product for Sale.

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,

Adam Heyward

Product Manager 34

Regulatory Branch II

Antimicrobials Division (7510C)

Enclosure: [stamped labeling]

AERIS-GUARD[™] BIOACTIVE COIL TREATMENT

FOR TREATMENT OF AIR CONDITIONING HEAT EXCHANGE COILS

- [Controls] [Prevents] [Inhibits] the growth of [fungi][mildew][mold and mildew] [and bacteria] on HVAC coils
- Normally, infrequent application (6 months to 1 year) will provide effective control
- [Fungistat] [mildewstat] [bacteriostat] [bacteriocidal] [deodorizer]
- Effective against mold and mildew [and bacteria]
- Effectively controls mold [and bacteria] on HVAC coils
- For commercial, industrial and residential application by a service contractor
- Non-corrosive

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- Reduces energy consumption
- Improves HVAC efficiency
- Color additive for visual identification

ACTIVE INGREDIENT:	
5-chloro-2-(2,4 dichlorophenoxy) phenol	0.69%
INERT INGREDIENTS	
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

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 ACCEPTED
with COMMENTS
EPA Letter Dated:

EPA Reg. No. 82523-R EPA Est. No.

MAR 2 2 2006

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

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 002 FOR FULL DIRECTIONS FOR USE.

AerisGuard[™] commercial products are for use by Aeris Accredited Applicators only.

	FIRST AID		
If swallowed	 Call 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 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 advice. 		
If inhaled	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. 		
Have the produgoing for treatn	ct container or label with you when calling a poison control center or doctor, or nent.		

Precautionary Statements
Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Wear goggles, gloves and half mask incorporating Class 2 solvent filter.

DO NOT SMOKE DURING USE. Ensure all open electrical equipment in the immediate area is off.

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.

PHYSICAL HAZARD:

Flammable. Keep away from heat, open flame and sources of ignition.

STORAGE AND DISPOSAL: Store in tightly closed containers in cool, dry, isolated and well ventilated areas away form heat, sources of ignition and incompatible products. Store away from oxidizing agents. Keep container closed when not in use – check regularly for leaks. Do not eat, drink or smoke in areas of use or storage. Observe all regulations and precautions for the storage and handling of flammable products. Do not contaminate water, food or feed by storage or disposal.

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.

AERIS TECHNOLOGIES LTD				
BACT TREATMENT OF HEAT EXCHANGE COILS			SOP NO 002	
PREPARED BY	CHECKED BY	SUPERCEDES (version may change)	ISSUE DATE	
G Shalfcross	S Kritzler	Version 3.4 USA	{insert appropriate date}	
STANDARD OPERATING PROCEDURE			PAGE Page 1 of 3	

AerisGuard[™] Bioactive Coil Treatment (BACT) EPA Reg. No. 82523-R

1. SCOPE AND PURPOSE

To outline the direction for use of AerisGuard[™] Bioactive Coil Treatment (BACT) on air conditioning heat exchange coils.

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)."

Avoid contact with eyes or clothing. Wear goggles, gloves, and a half face mask incorporating Class 2 solvent filter.

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

Ensure adequate ventilation is available to reduce the concentration of vapors within the area being treated. Extinguish all forms of ignition sources such as pilot lights and boilers in proximity to the treatment area.

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

3. PRINCIPLE OF METHOD

The method is based on the application of AerisGuard BACT to all surfaces of a heat exchange coil following cleaning with an appropriate non-corrosive coil cleaner. We recommend AerisGuardTM Advanced Coil Cleaner *{other product names may be used in addition to or in place of this product}*. The AerisGuard BACT treatment provides protection against the growth of bacteria, fungi, mold and mildew on HVAC heat exchange coils. Normally, infrequent application (6 months to 1 year) will provide effective control. The treatment is classed as a bacteriostat, fungistat and mildewstat.

SOP002 Treating Coils V3.4 USA (version may change)
Aeris Technologies Limited 2003 – 2004

16 March 2006



AERIS TECHNOLOGIES LTD				
BACT TREATMENT OF HEAT EXCHANGE COILS			SOP NO 002	
PREPARED BY	CHECKED BY	SUPERCEDES {version may change}	ISSUE DATE	
G Shallcross	S Kritzler	Version 3.4 USA	{insert appropriate date}	
STANDARD OPERATING PROCEDURE			PAGE Page 2 of 3	

Prior to reapplication, the heat exchange coils must be inspected and found to be free of accumulated soil. If soil or growth is found, the cause should be determined and corrected and then the coils cleaned in accordance with accepted industry practice.

4. APPARATUS

Spray gun with fine mist

5. DIRECTIONS FOR USE

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

Read the entire Standard Operating Procedure before commencing [beginning] application.

5.1. AerisGuard™ BACT

Clean coils using Advanced Coil Cleaner *{other product names may be used in addition to or in place of this product}.*

Once the coils have been allowed to dry for at least 20 minutes application of AerisGuard BACT can begin. Some dampness of the coil is acceptable however the surface must not be visibly wet. To assist in coil drying, run the fan only, excluding the refrigeration cycle. In chilled water systems close the chilled water supply valve. In DX systems shut down compressor(s).

This treatment is best applied using the electric type airless spray gun suitable for inflammable coatings. Adjust spray mist to the finest particle size possible. The application rate should be at least 0.85 US pints / 10 sq. ft (400 ml/ M²) based on a 4" (100mm) deep coil at 12 FPI. Apply evenly to the coil ensuring the solution covers all fins and tubes and penetrates as deeply as possible into the coils. For best results apply from both sides of the coil. Also apply to drain pans and any other surface that is wet during normal operation.

A thin coating is all that is required on all coil surfaces to ensure an efficacious result. For best results both sides of each coil need to be treated applying 2 light coats at 10 minute intervals.

SOP002 Treating Coils V3.4 USA (version may change) Aeris Technologies Limited 2003 – 2004

16 March 2006

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BACT TREATMENT OF HEAT EXCHANGE COILS			SOP NO 002
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STANDARD OPERATING PROCEDURE			PAGE Page 3 of 3

5.2 CLEANING UP

Fill used spray unit 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 helps to keep this cleaning to a minimum.

5.3 PRODUCT CONTAINER AND PRODUCT DISPOSAL

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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