

AERISGUARD™

# BIOACTIVE FILTER TREATMENT

## FOR TREATMENT OF AIR CONDITIONING DUST FILTERS

Prevents, inhibits and effectively controls the growth of fungi, mold and mildew and bacteria on air conditioning filters and filter material

This product is a fungistat, mildewstat, bacteriostat and contains a non-volatile active. For commercial, industrial and residential application by HVAC service personnel to extend filter life.

**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%



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

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

See back panel for first aid and additional  
precautionary statements



PERIOD **2015-2017** LIC. NO.

**8505.1**

Net Content:

**5 Litres / 1.32 US Gallons**

Aeris Environmental Ltd  
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NSW 2018 Australia



Department of Agriculture  
STATE OF HAWAII

**LICENSED** Re-Order Code:  
01-05-00008

EPA Reg. No. 82523-2  
EPA Est. No. 083545-AUS-001

PERIOD **2012-2014** LIC. NO.

## 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.

AERISGUARD™ COMMERCIAL PRODUCTS ARE FOR USE BY AERIS ACCREDITED APPLICATORS.

## 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.

### FIRST AID

#### 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 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 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 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.

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

**STORAGE:** Keep in original container and 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.

Batch No:

Expiry:

V005

AERIS ENVIRONMENTAL LTD			
Bioactive Filter Treatment			SOP NO 0007
PREPARED BY	CHECKED BY	Version 3.5 US	ISSUE DATE
Mark Kelly	Steve Kritzler		25 Mar 2008
STANDARD OPERATING PROCEDURE			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, on skin, or on clothing. Wear protective eyewear such as safety glasses or face shield and rubber gloves. Wash thoroughly using 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 and 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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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 Aeris-Guard 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.