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AerisGUARD™ Bioactive Filter Treatment SOP007

SOP 007 V3.6 as registered by the US EPA  
Registration No. 82523-2

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Bioactive Filter Treatment			SOP NO 0007
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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 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 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.