

# **BBJ Environmental Solutions, Inc.**

## **Product Bulletin and Application Guide**

### ***BBJ Mold Control for HVAC Systems and Air Ducts<sup>®</sup>***

Controls and Inhibits Microorganisms in HVAC/R Systems (EPA Reg. No. 67212-3)

#### **DESCRIPTION**

BBJ Mold Control for HVAC Systems and Air Ducts<sup>®</sup> controls and inhibits the growth of microorganisms – such as gram positive and gram negative bacteria, , and mold – that form a biofilm on cooling coils and other working parts of HVAC/R systems and Air Ducts. A biofilm on HVAC/R coils causes increased operating costs as it interferes with the heat transfer process. Treatment of the coils with BBJ Mold Control, with its exclusive rust and corrosion inhibiting action, can make systems run more efficiently and last longer. Furthermore, HVAC systems spread these harmful contaminants – which may cause odors, damage surfaces and secrete toxic byproducts – to living and working areas. BBJ Mold Control controls contaminants that often cause poor Indoor Air Quality (“IAQ”) and "sick building syndrome" at the source – the HVAC system. It also prevents damage caused by plugged drains by eliminating slime deposits. And it makes system cleaning easier and faster.

#### **FUNCTION**

BBJ Mold Control for HVAC Systems and Air Ducts<sup>®</sup> is registered with the EPA for the following applications, flexible ducts fabricated of metal or plastic, unlined sheet metal ducts, air handlers, cooling coils, fan coil units, condensate drain pans, humidifiers, dehumidifiers, registers, grills, diffusers, fans, and fan housings, transfer boxes, turning vanes, return ducts and plenums, and rooftop units.

BBJ Mold Control<sup>®</sup> also controls organisms that form a biofilm on cooling coils and other working parts of HVAC/R systems that interferes with the heat transfer process causing reduced system efficiency. BBJ Mold Control<sup>®</sup> also prevents corrosion that is often caused by sulfuric acid secreted by common bacteria. With its exclusive rust and corrosion inhibiting action, systems run more efficiently and last longer, improving the overall operational efficiency of the entire system. Consequently, BBJ Mold Control<sup>®</sup> is effective in extending the useful life of HVAC/R units while increasing overall energy efficiency by keeping fins and coils cleaner.

#### **FEATURES**

- Inhibits the growth of microorganisms
- Reduces frequency of coil cleaning cycle
- Increases HVAC/R system operating efficiency
- Reduces system maintenance costs and prolongs system life
- No need to evacuate premises during application
- Will not stain or bleach surfaces or fabrics
- EPA Reg. No. 67212-3
- Fungistat
- Bacteriostat
- Mildewstat

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## PROPERTIES

pH:	3.5-5.5
Specific Gravity:	1.00
Appearance:	Clear Liquid
Odor:	Mild
Flash Point:	Not combustible
DOT Shipping Label:	None

## DIRECTIONS

BBJ Mold Control<sup>®</sup> is a ready to use formulation. It is easily applied with the use of a compressed air sprayer or fogging device. Thoroughly saturate all areas to be treated (including coils, blower assemblies, drain pans, etc.). Do not rinse off and allow to dry. If cooling coils are visibly dirty, they should be cleaned first with BBJ's Power Coil Clean<sup>®</sup> or Micro Coil Clean<sup>®</sup>. Follow the label directions for Air Duct application. There is no need to evacuate the premises during application. Read label directions carefully before using product.

## SAFETY DATA

Before using product carefully read label information and Material Safety Data Sheet.

## PACKAGING

1 gallon units- 4 per case- part number 487

## BBJ RELATED

***Maintain C-1 for HVAC Systems and Air Ducts*** is a concentrated antimicrobial for use in HVAC Systems and Air Ducts. Controls the growth of microorganisms in the entire system.. Concentrated 15 ounce container makes 7.5 gallons.

## PRODUCTS

***Power Coil Clean<sup>®</sup>*** is a non-caustic, non-corrosive heavy duty coil cleaner that safely cleans and deodorizes evaporator coils, condenser coils, heating coils, window units, air filters, blowers, and other dirty HVAC/R components without damaging metal surfaces.

***FreshDuct Odor Eliminator<sup>®</sup>*** encapsulates odors at the source, not just cover them up. Its advanced technology destroys odors on contact to freshen and deodorize air ducts, basements, attics, crawl spaces and other areas prone to odors.

***BBJ Mold and Mildew Remover<sup>™</sup>*** combines the germ killing ability of a disinfectant with a cleaning agent. It disinfects and cleans hard, non-porous, inanimate environmental surfaces such as air-conditioning vents, grilles, diffusers and other hard surfaces where microbial contamination may accumulate.

***BBJ Mold and Mildew Remediation Concentrate<sup>™</sup>*** combines the germ killing ability of a disinfectant with a cleaning agent to remove harmful mold and mildew. Specially formulated to clean and disinfect walls, floors, and other surfaces where mold and mildew grow.