

BBJ Environmental Solutions, Inc.



Product Bulletin and Application Guide

BBJ Maintain C-1 for HVAC Systems and Air Ducts®

Antimicrobial For HVAC Systems

Controls and Inhibits Microorganisms in HVAC/R Systems (EPA Reg. No. 67212-2)

DESCRIPTION

BBJ Maintain C-1 for HVAC Systems and Air Ducts 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 Maintain C-1, 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 Maintain C-1 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 Maintain C-1 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 vane, return ducts and plenums, rooftop units.

BBJ Maintain C-1[®] 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 Maintain C-1[®] 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 Maintain C-1[®] 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 most fabrics
- EPA Reg. No. 67212-2
- Eliminates odors associated with mold
- Fungistat
- Bacteriostat

BBJ Environmental Solutions, Inc.

Product Bulletin and Application Guide

BBJ Maintain C-1 for HVAC Systems and Air Ducts®

Antimicrobial For HVAC Systems

PROPERTIES

pH:	3.7
Specific Gravity:	1.028
Appearance:	Clear liquid
Odor:	Mild
Flash Point:	Not combustible
DOT Shipping Label:	None

DIRECTIONS

BBJ Maintain C-1[®] is a concentrate formulation. Directions for use, mix 2 ounces of solution with 1 gallon of tap water. This container makes 7.5 gallons of product. 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[®] or Micro Coil Clean[®]. There is no need to evacuate the premises during application. Read label directions carefully for Air Duct application before using product.

SAFETY DATA

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

PACKAGING

15 oz. concentrate unit⁽¹⁾ 12 per case part number 480

(1) Each 15-oz. unit makes 7.5 gallons of ready-to-use BBJ Maintain C-1.

BBJ RELATED PRODUCTS

Power Coil Clean[®] 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.

Micro Coil Clean[®], with its highly effective detergent-based formula containing specially engineered surfactants, is specially formulated for preventative maintenance use to remove soils and deposits from cooling coils without damaging metal surfaces.

FreshDuct Odor Eliminator[®] 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 Remediation Concentrate™ 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 Remover Disinfectant/Cleaner™ 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.