

# Product Bulletin and Application Guide

## **Power Coil Clean®**

Heavy Duty, Concentrated HVAC/R Evaporator & Condenser Coil Cleaner

### **DESCRIPTION**

Power Coil Clean®, with BBJ Enviro-Gard®, 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. BBJ Enviro-Gard® is an encapsulation control agent that regulates the proven cleaning power of ammonium bifluoride without damaging metal surfaces or generating harmful byproducts. This revolutionary patented technology allows Power Coil Clean to clean like an acid, but without damaging the equipment.

### **APPLICATION**

Power Coil Clean® removes stubborn dirt and other deposits on HVAC/R coils. This buildup on coils causes reduced system efficiency as it interferes with the heat transfer process of the HVAC/R unit. With its special fast, penetrating action Power Coil Clean® gets to hard to reach places by cutting through the toughest dirt and grime. Although it leaves coils clean and shiny, its patented formula is safe and non-corrosive on all metals, including aluminum, copper and iron. Power Coil Clean® also will not stain or bleach materials or fabrics.

Many acid and alkaline cleaners on the market today clean in part by causing a chemical reaction between the cleaner and the metal that destroys the surface of the metal. This type of chemical reaction damages coils causing system inefficiency and failure. Tests have shown that up to 90 percent of the weight of aluminum coil stock is lost by soaking in these types of cleaners for as little as four hours. Power Coil Clean® has the same powerful cleaning action, but without the damaging effects of these cleaners.

Power Coil Clean® removes built-up dirt and grime from coils resulting in improved system efficiency, reduced power consumption, and increased system life. Dirty coils or coils damaged by harsh cleaners cause many HVAC/R systems to fail.

To maintain HVAC/R systems at top-peak performance, visually inspect cooling coils every three months. Upon inspection, if coils appear dirty they should be cleaned immediately, but no less than once a year.

### **FEATURES**

- Formulated with BBJ Enviro-Gard® for safest, strongest cleaning power
- Non-caustic, non-corrosive pH balanced formula
- Self-cleaning power that cleans and shines

- Cuts through toughest dirt and grime
- Fast penetrating action gets to hard to reach places
- Will not stain or bleach materials or fabrics
- Safe for all metals – will not etch, pit or corrode coils
- Biodegradable (Test Method 405.1)

## PROPERTIES

pH:	4.9 – 5.2
Specific Gravity:	1.00 – 1.10
Appearance:	Clear
Odor:	Mild
Flash Point:	Not combustible
DOT Shipping Label:	None

## DIRECTIONS

Read label directions carefully before using product.

1. Mix 1 part Power Coil Clean to 3 parts tap water.
2. Shut system off and thoroughly saturate coils from the bottom up using sufficient pressure to penetrate to full coil depth.
3. Wait 3 to 5 minutes and rinse with tap water.

## SAFETY DATA

Keep Out of Reach of Children. Contains ammonium bifluoride. Avoid eye contact. In case of accidental contact, flush with water. If irritation persists, contact a physician. Do not take internally. Wash hands after using. See Material Safety Data Sheet for personal protective equipment requirements.

## PACKAGING

32 oz. concentrate bottle <sup>(1)</sup> (12 per case)	521-000
1-gallon concentrate bottle <sup>(2)</sup> (four per case)	520-000
5-gallon concentrate container <sup>(3)</sup>	525-000
55-gallon concentrate drum <sup>(4)</sup>	523-000

- (1) Each 32oz. bottle makes 1 gallon of ready-to-use Power Coil Clean.
- (2) Each one-gallon bottle makes 4 gallons of ready-to-use Power Coil Clean.
- (3) Each 5-gallon container makes 20 gallons of ready-to-use Power Coil Clean.
- (4) Each 55-gallon drum makes 220 gallons of ready-to-use Power Coil Clean.

## BBJ RELATED

**BBJ MicroBiocide**<sup>®</sup> is highly effective in controlling and inhibiting the growth of

**PRODUCTS** active microorganisms such as gram positive and gram negative bacteria, algae, mold and other fungi that grow in HVAC/R systems for up to six months.

**Micro Coil Clean**<sup>®</sup>, 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**<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 Spray Disinfectant/Cleaner**<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 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.