



MIRACOIL

DEOXIDIZES & RESTORES AIR CONDITIONER COILS

**JUST
SPRAY
IT ON**

**RINSE
IT OFF**

MORE THAN PAYS FOR ITSELF IN SAVINGS ON ELECTRICITY

Electric company studies show conservation of electricity and savings in cost of operating air conditioners of 28%-30% by just cleaning and deoxidizing the condenser coil - and that can be quick and easy with MIRACOIL because the condenser coil is on the outside of the unit and MIRACOIL is formulated especially for this purpose.

There's nothing to adjust or even touch inside the unit. Just spray on MIRACOIL and watch. The formula reacts with any build-up of corrosion to create a foam that penetrates the fins of the coil and literally floats soil to the surface. Then, rinse with plain water and return the unit to service.

- **EASY TO USE** - Just spray on. Allow a few minutes to penetrate. No rubbing or scrubbing. Rinse with clear water.
- **CONSERVES ELECTRICITY** - That's good environmentally and saves money.
- **LENGTHENS LIFE OF THE A/C** - The less it is called on to cool, the less wear and tear on the operating parts.
- **NON-ACID** - The only other products we know of for this purpose contain hydrofluoric acid that is extremely hazardous to use.

DISTRIBUTED BY:

THE BULLEN COMPANIES, INC.

FOLCROFT, PA 19032-0037

Tel. 610-534-8900 • 1-800-444-8900 • Fax 610-534-8912

www.bullenonline.com

MATERIAL SAFETY DATA SHEET
 (Prepared According to 29 CFR 1910.1200)

KEY CODE 010

SECTION 1 - PRODUCT IDENTIFICATION			
Trade Name		MIRACOIL II AIR CONDITIONER COIL CLEANER	
Product Type		Air Conditioner Coil Cleaner	
SECTION 2 - HAZARDOUS INGREDIENTS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Sodium Hydroxide	1310-73-2		2mg/m3(ceiling)(OSHA); 2mg/m3 (ceiling)(ACGIH)
Other ingredients in this product are : <input checked="" type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not hazardous <input checked="" type="checkbox"/> Declared to be Trade Secret			
SECTION 3 - PHYSICAL DATA			
Boiling point(°F.)	near 212	Specific Gravity(H2O=1.0)	(± 0.005) 1.100
pH (± 0.5)		Over 14	
Vapor Pressure(mm Hg)	Unknown	Vapor Density(Air=1)	Unknown
Solubility in water	<input checked="" type="checkbox"/> Complete	<input type="checkbox"/> Insoluble	<input type="checkbox"/> Emulsifiable (or Dispersible)
			<input type="checkbox"/> Slight (or Partial)
Evaporation Rate(vs. H2O)	<input type="checkbox"/> Faster	<input type="checkbox"/> Slower	<input checked="" type="checkbox"/> About the Same
Appearance and Odor	Liquid, citrus odor		
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point(T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits Upper	Unknown Lower Unknown
Extinguishing Media	CO2, dry chemical, foam, water spray.		
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.		
Unusual Fire and Explosion Hazards	None known.		
SECTION 5 - REACTIVITY DATA			
Stability	Stable	Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.		
SECTION 6 - HEALTH HAZARDS			
Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Overexposure (Acute)	Prolonged or repeated contact of concentrated product with skin and/or eyes can cause chemical burns. If taken internally, concentrated product may cause damage to mouth, throat or stomach. Inhalation of mist or spray may cause irritation to nose, throat or lungs if adequate ventilation is not employed.		
Signs and Symptoms of Overexposure(Chronic)	None known		
Medical Conditions Aggravated by Overexposure	None known	Carcinogen/Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes	Flush immediately with water for at least 15 minutes. Call a physician.		
Skin	Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.		
Ingestion	If swallowed do NOT induce vomiting. Give large quantities of water, followed by one oz. of vinegar in an equal amount of water. Call a physician.		
Inhalation	No known ill effects from inhalation. If breathing becomes difficult, remove exposed person to fresh air. Treat symptomatically and investigate other possibilities.		
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection	Not needed under normal conditions of use.		
Ventilation Requirements	<input checked="" type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other
Protective Gloves	Rubber	Eye Protection	Safety glasses/goggles
Other Protective Clothing		May be needed where likely exposure may occur	
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled	Small spills: flush area with water. Neutralize spill with dilute acids. Large spills: Remove as much material as possible, then neutralize residue as under small spills.		
Waste Disposal Methods	Dispose of in accordance with applicable Federal, State and Local ordinances.		
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage	Do not get in eyes, on skin, on clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.		

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use.