



A CSW Industrials Company

## PRODUCT DATA SHEET

# CLEAN-N-SAFE™

Non-Acid, Non-Caustic Coil Cleaner

### Description

RectorSeal® CLEAN-N-SAFE™ non-acid, non-caustic coil cleaner is a safe to use, environmentally friendly HVAC coil cleaner that effectively cleans and removes soils from air conditioning, refrigeration coils and microchannels. It is completely biodegradable and presents very little hazard to people, animals, aquatic life and vegetation. Unlike strong acid and alkaline coil cleaners, this heavy duty product will not chemically attack (corrode) coils, surrounding metal, other HVAC equipment components, adjacent roofing materials, or application equipment.

### Applications

RectorSeal® CLEAN-N-SAFE™ is designed for low or high pressure sprayer applications on condenser coils in either concentrated or diluted form depending on the degree and speed of cleaning needed. It may also be used on evaporator coils in diluted form. Application can be made at above freezing temperatures to either wet or dry coils in both indoor and outdoor areas. No waiting required between any application and/or rinsing step.

### Directions for Use (Gallon):

1. Appropriately dilute with water for economic use.

**For extremely dirty condenser -**  
1 part CLEAN-N-SAFE to 1 parts water.

**For moderately dirty condenser -**  
1 part CLEAN-N-SAFE to 2-3 parts water.

**For evaporator coils -**  
1 part CLEAN-N-SAFE to 3-4 parts water.

2. For condenser coils - shut off system prior to application. For evaporator coils - cleaning may be done with the system operating if desired. In confined areas, shut off any ignition sources and provide adequate ventilation.
3. Apply coil cleaner using a plastic or stainless steel pressure sprayer. Direct spray stream close to coil surface starting at top and working uniformly side to side toward bottom to thoroughly saturate coil.
4. If necessary for multi-bank coils or if coils are heavily soiled, repeat spraying. Rinsing condenser coils with clean water spray is recommended after each coil cleaner application (particularly when using concentrated or 1 to 1 dilution), but is not required. For evaporator coils, condensate will provide rinsing; however, any filters should be rinsed after cleaning. No waiting is necessary between any repeat spraying and/or rinsing steps.
5. After condenser coil cleaning is completed, any accumulation of soils, coil cleaner and rinse water under the HVAC equipment, or on the floor, ground or roof should be flushed away with water. For evaporator coils, cleaning residues may be left to drain naturally from the condensate pan. Excess coil cleaner may be left in pressure sprayers for later use, but pressure should be bled off for safety.

### Directions for Use (Aerosol):

1. Shut off system and electrical main before cleaning.
2. On smaller units, place cardboard behind coils to catch dirt and grease.
3. Wear protective eye wear. Hold can upright, point nozzle, and spray close to dirty coils. Start at top and work side to side toward bottom to thoroughly saturate coils.
4. For severely dirty coils, make repeated applications, if necessary until coils are clean.
5. No rinsing is required on evaporator coils, however for better results rinse coils thoroughly.



### Characteristics | Features

- Safer to use because of its low toxicity
- Application and cleanup are safe, simple, and easy
- Concentrated gallon may be used full strength or dilute with water for economical use.
- Aerosol is ready to use.
- May be left in sprayer - will not corrode parts
- Will not harm aluminum, copper or steel
- Will not chemically attack coils like standard acid and alkaline coil cleaners
- Biodegradable
- Inhibits corrosion without diminishing heat transfer capabilities