



## POWDER DESCALER

### Mildly-Acidic, Low-Foam Powder Water Treatment Concentrate

This product is an evaporative cooling water additive. POWDER DESCALER will remove stubborn mineral deposits in the water storage system, pumps, water nozzles, spray deflector, evaporative cooling pads and drains. This product is concentrated enough to handle all mineral soils in fresh water and still pull mineral deposits off surfaces. This product is free rinsing with even moderate water flow water.

POWDER DESCALER contains citric acid, a buffer and quaternary ammonium chloride. This product also contains low-foam wetting agents to improve cleaning and rinsing efficacy in a variety of conditions.

#### Physical Properties (Typical)

|                   |  |
|-------------------|--|
| Appearance        | White powder                                 |
| Odor              | Mild to none                                 |
| Loose Density     | 8.3 pounds/gallon (1.0 g/ml)                 |
| pH (10% Solution) | < 2  |
| Melting Point     | >250°F (>121°C)                              |
| Availability      | 8 lbs, 100 lbs, 400 lbs (3.6kg, 45kg, 181kg) |

POWDER DESCALER is designed for use with Munters® CELdek® evaporative cooling pads and other specialty pads designed for evaporative cooling.

LIQUID DESCALER does not contain any nonylphenol ethoxylates (NPEs) or phosphates. It is better for the environment and is subject to fewer regulatory restrictions than NPE or phosphate containing products.

This product will work in hard or soft water.

#### **Start-up Procedure**

1. Gently brush dirt and other debris off dry pads
2. Flush systems with water, check for proper flow and fix leaks
  - Clear all plugged headers
3. Check for proper flow and fix leaks
4. Circulate the a 0.5% (by weight) solution of POWDER DESCALER for one week
5. Dump entire contents reservoir system and rinse away any sediment



### **Operating Procedure**

1. Dump entire contents reservoir tank
2. Rinse any sediment from tank
3. Fill reservoir tank with clean water
4. Add enough POWDER DESCALER to evaporative cooling system to make 0.5% (by weight) solution
  - 4 Pounds (1.8 kg) per 100 gallons (380 L) of water
5. Inspect headers and clear plugged sections
6. Circulate solution through system as needed
7. Flush and replace entire cooling water reservoir every week
8. Clean outside surfaces of pads every month or when pads look visibly clogged with organic soil and debris

Citric acid is a buffering acid that will not damage pads.

### **QC Supply # 160717**

#### **Sizes:**

**8 lb.**

**100 lb.**

**400 lb.**