

# WATER TREATMENT *Solutions*



## **SUPER COOL-ADE® F-858**



- Controls corrosion
- Prevents scale and sludge
- Prolongs equipment life
- Minimizes energy costs
- Minimizes water use



CARE FOR WORK ENVIRONMENTS®

# SUPER COOL-ADE®

## F-858

### DESCRIPTION

State Super Cool-Ade is a versatile combination of scale and corrosion inhibitors specifically designed to maximize cooling tower efficiency and control corrosion. It contains a superior blend of corrosion inhibitors that protect steel, copper, bronze and other yellow metals from corrosive water environments. It also has enhanced scale control, allowing for higher hard water tolerance and sludge control to maintain maximum system efficiency.

NSF approved as G5.

### DIRECTIONS FOR USE

#### Precleaning:

To avoid unnecessary depletion of product, precleaning heavily-fouled systems is recommended. Mechanically remove as much sludge, bacterial and algae growth as possible with brushes and high-pressure hoses. Prevent loose sludge from clogging equipment by placing a screen around the opening to the return water lines. Flush loosened matter out of the basin drains. Remove sludge from sumps and hot/cold wells.

#### Initial Treatment:

Slowly add into a rapid-flow area of the cooling tower sump to achieve uniform mixing. Add 28 fluid ounces of Super Cool-Ade per 1000 gallons of system water as an initial treatment.

#### Preventive Maintenance Treatment:

Super Cool-Ade is a concentrate that should be fed at full strength directly into a rapid-flow area of the cooling tower water. For ideal product maintenance, feed Super Cool-Ade using a metering pump and controller. Test product level regularly using the Organophosphate (OP) and Molybdenum tests for Super Cool-Ade. Maintain Organophosphate (OP) level at 8 to 12 ppm and molybdenum levels at 10 to 15 ppm. Product feed is typically at 28 to 72 fluid ounces of concentrated product per 1000 gallons of system bleed water. Specific product feed may vary depending on cooling system condition, demand and operating parameters. Contact your State Account Manager to determine the specific feed rates for your cooling system.

#### Bleed off:

For most systems, bleed off should be maintained to achieve 3 to 8 cycles of concentration in the cooling tower water. Proper bleed off is as important as maintaining product level when preventing scale and sludge buildup. Consult your State Account Manager for recommended cycles of concentration for your cooling tower.

Review the label and SDS on [stateindustrial.com](http://stateindustrial.com) for all product directions, precautions, and first aid information.

### TECHNICAL DATA

**APPEARANCE:** clear to light yellow

**PH:** 11.75 +/- 0.25

**ODOR:** mild

**BULK DENSITY (LB/GAL):** 8.91

### PACKAGING

121844	55 GL Drum
117479	20 GL Drum
121454	5 GL Pail



**State Industrial Products**  
5915 Landerbrook Drive  
Mayfield Heights, OH 44124  
To Order Call: 1-866-747-2229  
[www.statechemical.com](http://www.statechemical.com)

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