

WATER TREATMENT *Solutions*



STATE SUPERCool-500®



- Prevents scale and sludge
- Controls corrosion
- Super concentrate saves costs, space and reduces stock
- No contact packaging reduces spill and exposure possibility
- Saves energy and water



CARE FOR WORK ENVIRONMENTS®

STATE SUPERCool-500®

State SuperCool™ is a versatile combination of scale and corrosion inhibitors designed to maximize cooling tower efficiency. State SuperCool provides superior deposit and sludge control to keep heat transfer surface operating efficiently, minimizing energy costs.

The corrosion inhibitors in State SuperCool™ protect copper, bronze, galvanized steel and steel components of your cooling system to extend the useful life of your equipment.

State SuperCool is an extremely concentrated formula that is packaged in our exposure free compact bottle to reduce safety concerns of employee contact with the cooling treatment product. Because State SuperCool is a super concentrate, you need less product which in turn saves you space and reduces costs. State SuperCool can be fed as low as 0.8 fluid ounces per 1000 gallons of water.

When used with the State SuperCool Feed System, State SuperCool provides you with a convenient way to install and maintain chemical control and feed system in a completely self contained package.

State SuperCool is NSF registered for use in Federally inspected meat and poultry processing plants.

DIRECTIONS FOR USE

Precleaning:

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

Initial Treatment:

State SuperCool is an extremely concentrated product. Since conventional chemical feed pumps are unable to accurately dispense the micro dosages required, State SuperCool is designed to be used in conjunction with the State SuperCool Feed System for maximum performance.

Connect the exposure-free bottle containing State SuperCool to the feed pump. Use the prime button on the feed pump to charge the cooling system. Add 6.5 fluid ounces of State SuperCool for every 1000 gallons of system water as an initial treatment. (The State SuperCool feed pumps dispenses 0.45 fluid ounces per minute.)

Preventive Maintenance Treatment:

State SuperCool should be fed at full strength directly into a rapid flow area of the cooling tower sump or cold well. Avoid direct contact of concentrated product with the sides of the sump or cold well.

Test product level regularly using the State Chemical water treatment product test kit. Maintain product indicator level at 10 ppm. Product feed is typically at 0.8 to 2.0 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. See your State Chemical representative for specific feed rates for your cooling system.

Bleed Off:

For most systems using State SuperCool, bleed off should be maintained to achieve 4 to 8 cycles of concentration in the cooling tower water. Proper bleed off is as important in preventing scale and sludge build up as maintaining product level. Consult your State Chemical representative for recommended cycles of concentration for your cooling tower.

TECHNICAL DATA

APPEARANCE: clear yellow liquid

DENSITY: 10 Lbs./Gallon(1.2 Kilograms / Liter)

FLASH POINT: none

FOAMING: none at normal use concentration

pH (CONCENTRATE): 12.1

PRODUCT TEST RANGE: 6.0 - 12.0 ppm as OP

pH CONTROL: maintain system water pH 7.5 - 10

VOC CONTENT: 0%

PACKAGING

| | |
|--------|----------------|
| 113346 | 3 L Bottle/CS4 |
| 121307 | 5 GL Pail |
| 113819 | 20 GL Drum |
| 126238 | 55 GL Drum |



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