

The YES Company!!



CT-ONE STEP

Cooling Tower Treatment

- ALL-IN-ONE FORMULA
- COMPLETE COOLING TOWER TREATMENT
- DESIGNED FOR ALL TYPES OF CHILLED WATER & COOLING SYSTEMS

Product # 5192

FOR PROFESSIONAL USE ONLY  
CONSULT LABEL AND MSDS BEFORE USING.

|                    |                   |
|--------------------|-------------------|
| <b>INGREDIENTS</b> | <b>CAS NUMBER</b> |
| SODIUM HYDROXIDE   | 1310-73-2         |
| SODIUM MOLYBDATE   | 7631-95-0         |

|   |              |
|---|--------------|
| 2 | HEALTH       |
| 0 | FLAMMABILITY |
| 0 | REACTIVITY   |
|   | SPECIFIC     |

Additional Information  
**CT-ONE STEP** Complete Cooling Tower Treatment is a unique product designed to treat all aspects of cooling system water to reduce scale and corrosion and increase the cycles of concentration, maximizing the efficiency of the system. Many cooling tower treatments require a lot of mixing and monitoring to maintain good balance. **CT-ONE STEP** takes the trouble and guesswork out of cooling tower maintenance by providing all the necessary chemicals in one formula. For more information on **SUPERCO's** quality line of water treatment products and the available services, contact your local representative.

**CT-ONE STEP**

**Cooling Tower Treatment**

**CT-ONE STEP** is a scale and corrosion inhibitor specifically formulated for open recirculating cooling water systems in areas of high hardness, high alkalinity scaling waters. It contains a strong calcium carbonate crystal modifier, which prevents calcium carbonate deposition, along with a yellow metal protectant. **CT-ONE STEP** also contains a polymer designed to inhibit scale and deposition in a wide variety of aqueous systems.

**DIRECTIONS FOR USE:**

Dosages of **CT-ONE STEP** will depend on the characteristics of the make-up water, the permissible cycles of concentration, and a cooling towers rated tonnage versus its operational tonnage. **CT-ONE STEP** should be fed at a rate of 200 to 400 ppm (25 to 50 ounces per 1000 gallons of cooling water capacity). It should be fed to maintain a residual molybdate test level of between 1.2 and 2.4 ppm molybdate.

It is recommended that **CT-ONE STEP** be fed on a continuous basis using a suitable treatment pump and control unit. It may be fed directly from the drum or diluted to a convenient concentration with water. It should be fed to a point in the system where it will be thoroughly mixed and evenly distributed. **CT-ONE STEP** should be used in conjunction with **SUPERCO's CT-LG** in an alternating algaecide and biocide treatment program.

**TESTING RECOMMENDATIONS:**

|                       |  |
|-----------------------|--|
| Control Test:         | Molybdate (MO <sub>4</sub> )             |
| Molybdate Test Range: | 1.20 - 2.40 ppm                          |
| Test Kit Recommended: | Hach Model # MO-LR<br>(Order # 23593-00) |

**USDA AUTHORIZED: Category G7  
SPECIFICATIONS:**

|                             |                               |
|-----------------------------|-------------------------------|
| Form:.....                  | Liquid                        |
| Color:.....                 | Yellow                        |
| Clarity:.....               | Clear                         |
| Odor:.....                  | Mild                          |
| pH:.....                    | 13.00 - 14.00                 |
| Flash Point:.....           | None                          |
| Specific Gravity:.....      | 9.18 - 9.60 lbs./gal.         |
| Density:.....               | 1.10 - 1.15 g/cm <sup>3</sup> |
| Storage Stability:.....     | 1 Year                        |
| Solubility (in water):..... | Complete                      |