



CLOSED LOOP TREATMENT CS900

DESCRIPTION

CS900 is a unique product containing sodium nitrite, sodium molybdate and organic corrosion inhibitors. It utilizes a synergistic combination of corrosion inhibitors to provide effective corrosion control in multi metal systems. The unique feature of this product is that maximum protection is achieved at low inhibitor residuals in the recirculating water. CS900 provides an economical treatment program for "exposed" closed loop systems.

APPLICATION

CS900 is formulated to provide maximum corrosion inhibition to ferrous and non ferrous metals in "open" or "exposed" chill water, pumped-storage, or fire water systems. It is designed for use with soft or hard water makeup systems. CS900 is designed for systems that may require supplemental microbiocide treatment to control microbial fouling.

PHYSICAL PROPERTIES

Color & Form Colorless liquid
Density..... 9.40 lbs/gal
pH 12.7
Odor..... Sweet

DOSAGE & FEEDING

INITIAL CHARGE: Add CS900 to the system to be treated at a minimum dosage of 2,500 ppm. This is equivalent to 29 fluid ounces of product for each 100 gallons of system capacity. This dosage will give a NaNO₂ residual range of 120 to 140 ppm.

The pH of the water should be in the range of 8.0 to 10.0 after the addition of treatment. If, after treatment addition, the pH is below 8.0, add caustic soda to bring the pH in to the proper range.

MAINTENANCE DOSAGE: Routinely monitor the NaNO₂ and the Molybdate (Mo) residuals in the circulating water. Add CS900 as needed to maintain the desired sodium nitrite and Molybdate residuals.

FEEDING: CS900 should be fed neat, from the shipping container by slug feed method or by an automatically controlled chemical feed package. Use of a microbiocide with CS900 is recommended for "open" or exposed systems to control bacterial contamination.

HANDLING & PRECAUTIONS

CS900 is a moderately alkaline material and will cause eye irritation. Use chemical splash goggles and rubber gloves when handling. This product is harmful if swallowed. Keep container closed when not in use and store in a protected location.

Refer to *Material Safety Data Sheet* for additional safe handling information.

PACKAGING

CS900 liquid is available in:

5-gallon pailsnet wt 45 lbs
30-gallon drums.....net wt 280 lbs
55-gallon drums.....net wt 530 lbs
2755-gallon totes.....net wt 2400 lbs