



# CLOSED LOOP TREATMENT CS1010

## DESCRIPTION

CS1010 is a concentrated liquid nitrite/borate based corrosion inhibitor to provide maximum protection for ferrous and nonferrous metals in closed loop cooling water systems.

## APPLICATION

CS1010 is used in closed water systems including chilled water and hot water systems. CS1010 is most ideally suited for use in large volume systems, such as thermal storage systems, since it is a concentrated product. It is formulated to rapidly establish and maintain a corrosion inhibition film on clean metal surfaces. CS1010 does not adversely affect rubber and other nonmetallic materials.

## PHYSICAL PROPERTIES

Color & Form .....Pale yellow liquid  
Specific Gravity..... 1.236  
Density..... 10.3 lbs/gal  
pH ..... 12.74  
Odor.....Musty

## DOSAGE & FEEDING

**INITIAL:** Add one gallon (10.3 pounds) of CS1010 for each 500 gallons of water in the system to be treated. This will provide 800 ppm nitrite as sodium nitrite in the system.

**CONTINUING:** Subsequent additions of CS1010 are governed by measuring the nitrite residual in the system and adding sufficient product to achieve the desired nitrite residual.

Add the required quantity of CS1010 to the system using a by-pass feeder. This can be installed at any convenient location in the system.

Additional treatment will usually be needed only once or twice per year.

**NOTE:** New installations should be free of oil, grease, dirt, etc., prior to charging with CS1010. CL83 is a proven cleaner specifically formulated for this purpose.

## HANDLING & PRECAUTIONS

CS1010 is an alkaline formulation and should be handled as such.

Avoid eye and skin contact. Flush affected areas with large quantities of water. Obtain medical attention for eyes.

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

## PACKAGING

CS1010 liquid is available in:

5-gallon pails .....net wt 50 lbs  
30-gallon pails .....net wt 305 lbs  
55-gallon drums.....net wt 580 lbs