

# ACS-CLL-166

## DESCRIPTION

ACS-CLL-166 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. ACS-CLL-166 provides an economical treatment program for "exposed" closed loop systems.

## APPLICATION

ACS-CLL-166 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. ACS-CLL-166 is designed for systems that may require supplemental microbiocide treatment to control microbial fouling.

## PHYSICAL PROPERTIES

Appearance.....Colorless liquid  
Density .....9.40 lbs./gal.  
pH.....12.7  
Odor .....Sweet

## DOSAGE & FEEDING

**INITIAL CHARGE:** Add ACS-CLL-166 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 NaNO<sub>2</sub> 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 NaNO<sub>2</sub> and the Molybdate (Mo) residuals in the circulating water. Add ACS-CLL-166 as needed to maintain the desired sodium nitrite and Molybdate residuals.

**FEEDING:** ACS-CLL-166 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 ACS-CLL-166 is recommended for "open" or exposed systems to control bacterial contamination.

## HANDLING & PRECAUTIONS

ACS-CLL-166 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.

## PACKAGING

ACS-CLL-166 is available in:

- 5-gallon pail.....net wt. 45 lbs.
- 30-gallon drums.....net wt. 280 lbs.
- 55-gallon drums.....net wt. 530 lbs.