



# Product Data Sheet COOLING WATER TREATMENT CT-1400P

## DESCRIPTION

CT-1400P Cooling Water Treatment is a unique blend of organic scale and corrosion inhibitors and polymeric dispersants. It is designed to provide excellent scale control under extreme conditions as well as corrosion protection. CT-1400P contains an organic sequestrant, which will prevent the formation of scale on heat transfer surfaces. It also contains a polymeric dispersant for the prevention of fouling and the dispersion of suspended solids. Corrosion of both ferrous and copper alloys is controlled by a combination of organic corrosion inhibitors. CT-1400P also contains a fluorescent dye for monitoring purposes.

## APPLICATION

CT-1400P is intended for use in industrial open cooling water systems. It can be used in an alkaline treatment program or in conjunction with acid for pH control. This product is particularly recommended for use in systems having very high heat transfer rates and high operating temperatures. CT-1400P can be fed using a controller equipped with a fluorescence monitor.

## PHYSICAL PROPERTIES

Color & Form ..... Pale yellow liquid  
Specific Gravity ..... 1.063  
Product pH ..... 2.3  
Density ..... 8.86 lbs./gal.  
Odor ..... Slightly aromatic

## DOSAGE & FEEDING

CT-1400P is best fed by a makeup meter impulsed chemical feed system designed to feed the treatment in proportion to makeup flow.

CT-1400P should be maintained at the recommended treatment level at all times to insure continuous protection.

For best results, feed CT-1400P directly from the shipping container. If necessary, it can be diluted in a chemical feed tank using low hardness water. Your technical representative will recommend the proper feed rate and treatment dosage based on system operating parameters.

## HANDLING & PRECAUTIONS

This product is irritating to eyes and skin. Do not get in eyes, on skin, or clothing. As with all chemicals, this product should be handled with care.

## PACKAGING

CT-1400P liquid is available in:

5-gallon pails..... net wt. 40 lbs.  
30-gallon drums..... net wt. 260 lbs.  
55-gallon drums..... net wt. 500 lbs.