

# **ACS-CWP-140**

## **DESCRIPTION**

ACS-CWP-140 cooling water treatment is a proportioned blend of corrosion inhibitors and pH control acid. It is designed to provide maximum corrosion protection of all metals in cooling tower systems and prevent mineral scale on heat transfer surfaces. ACS-CWP-140 combines a unique organic stabilized zinc corrosion inhibitor, polymeric dispersant and sulfuric acid to provide a complete treatment.

## **APPLICATION**

ACS-CWP-140 should be used where a combination product is desirable. This product is one of a series of stabilized zinc/acid blends providing a balanced ratio of inhibitors to acid for use with a wide range of makeup water alkalinities. The product dosage is determined by the M-alkalinity of the makeup water and the pH control range of the cooling water. ACS-CWP-140 is recommended for use in cooling water systems where the makeup water M-alkalinity is greater than 150 ppm.

## **PHYSICAL PROPERTIES**

Appearance ..... Clear pale green liquid  
Specific Gravity ..... 1.400  
Product pH ..... Less than 1  
Density ..... 11.67 lbs./gal.

## **DOSAGE & FEEDING**

The effective dosage range for ACS-CWP-140 is 2 to 5 pounds per 1,000 gallons of makeup water.

At the proper level of inhibitor, the pH of the recirculating water should be in the range of 7.0 to 7.5. For best results, pretreat the cooling system with 4520 to rapidly establish the corrosion protective film.

ACS-CWP-140 should be fed using a pH controller chemical feed system and metering pump. This product should be maintained at the recommended treatment level at all times to insure continuous protection.

A representative will recommend the proper treatment dosage based on system operating conditions and parameters.

## **HANDLING & PRECAUTIONS**

This product is corrosive to eyes and skin. Do not get in eyes, on skin, or clothing. Wear face shield, rubber gloves, and protective clothing when handling. As with all chemicals, this product should be handled with care.

Store this product in a protected area designated for corrosive liquids. Triple rinse empty containers before reuse or disposal.

## **PACKAGING**

ACS-CWP-140 is available in:

5-gallon pails..... net wt. 55 lbs.

30-gallon drums ..... net wt. 345 lbs.  
55-gallon drums ..... net wt. 655 lbs.