



COOLING WATER TREATMENT

ACS-CWO-100X

OVERVIEW

ACS-CWO-100X Cooling Water Treatment is a unique, highly concentrated blend of organic scale, corrosion inhibitors and polymeric dispersants. This product is designed to provide excellent calcium carbonate inhibition under extreme conditions. ACS-CWO-100X contains two organic sequestrants and a polymeric scale inhibitor to help prevention of fouling in condensers and heat exchangers. Corrosion of both ferrous and copper alloys is controlled by a synergistic blend of multi-metal corrosion inhibitors. ACS-CWO-100X contains a fluorescent [PTSA] trace dye for more precise product feed control & measurement.

ADVANTAGES

- A highly concentrated organic inhibitor blend.
- Best-in-class calcium carbonate inhibition
- 50% more concentrated than ACS-CWO-100
- Reduced freight weight & associated costs vs. ACS-CWO-100
- Reduced product deliveries & handling vs. ACS-CWO-100
- Increased environmentally conscious profile by reducing plastic waste and carbon emissions while providing the same exceptional water & energy conservation as the original ACS-CWO-100 formulation.

ACS-CWO-100X PHYSICAL DATA

Appearance / Mild Yellow Liquid

Odor / Slightly Aromatic

Specific Gravity / 1.115

Density (Lbs./gal) / 9.3

Product pH / 2.3

AVAILABLE PACKAGING

4x1 1-Gallon Jugs [in box] / 36 lbs.

2x2.5-Gallon Jugs [in box] / 44 lbs.

5-Gallon Pail / 45 lbs.

30-Gallon Drum / 275 lbs.

55-Gallon Drum / 515 lbs.

BULK

APPLICATION

ACS-CWO-100X is designed for use in industrial evaporative cooling water systems. It can be used as the primary inhibitor blend for an alkaline treatment program, or in conjunction with acid for pH control. This product is particularly recommended for use in systems having high heat transfer rates and operating temperatures. ACS-CWO-100X is highly recommended for contract-based accounts with makeup waters prone to calcium carbonate deposition.

PRODUCT TESTING & MONITORING

ACS-CWO-100X contains a traceable fluorescent dye for ease and accuracy of product dosing & routine monitoring. Product residual can be spot-tested tested instantaneously through the use of a handheld fluorometer, or continuously via an in-line fluorescent sensor.

DOASGE & FEEDING

ACS-CWO-100X is best fed by either a makeup meter pulse-feed chemical dosing system, proportional to makeup flow volume, or by use of an in-line fluorescent sensor wired to control ACS-CWO-100X residuals continuously within the bulk water.

ACS-CWO-100X should be maintained at the recommended treatment level at all times to insure continuous protection.

For best results, feed ACS-CWO-100X directly from the shipping container. If necessary, it can be diluted in a chemical feed tank using low hardness water. Your technical water treatment representative will recommend the proper feed rate and treatment dosage based on system operating parameters.

HANDLING & SAFETY PRECAUTIONS

ACS-CWO-100X is a mildly acidic product. Always use common sense and wear all appropriate personal protection equipment when handling. Avoid contact with eyes and skin. If splashed in eyes, flush thoroughly with water and obtain medical attention. Clean up spills immediately. Keep container closed when not in use. Consult the SDS for additional handling information.