



CLOSED SYSTEM TREATMENT

ACS-CLL-112X

OVERVIEW

ACS-CLL-112X Closed System Treatment is a highly concentrated blend of multi-metal corrosion inhibitors for use in chill and hot water heating systems. This product contains a synergistic blend of sodium nitrite, sodium silicate andazole blend for multi-metal corrosion inhibition. It also has sodium borate for effective pH buffering and a polymeric dispersant to help prevent under deposit corrosion and enhance inhibitor performance. The ACS-CLL-112X formula has been specifically designed to provide considerable improvement over standard nitrite/borate inhibitor blends. This product contains a fluorescent tracer for advanced leak detection.

ADVANTAGES

- Highly concentrated formulation
- Best-in-class multi-metal inhibition
- Reduced freight weight & associated cost vs. 8412
- Enhanced copper corrosion protection
- Increased environmentally conscious profile vs. 8412

ACS-CLL-112X PHYSICAL DATA

Appearance / Pink Liquid

Odor / Odorless

Product pH / 10.3

Specific Gravity / 1.20

Density (lbs/gal) / 9.99

AVAILABLE PACKAGING

4x1 1-Gallon Jugs [in box] / 40 lbs.

2x2.5-Gallon Jugs [in box] / 50 lbs.

5-Gallon Pail / 50 lbs.

30-Gallon Drum / 295 lbs.

50-Gallon Drum / 550 lbs.

275-Gallon Tote / 2,700 lbs.

APPLICATION

ACS-CLL-112X is designed for use in closed loop recirculating water systems. It can provide highly effective performance in both chilled and heated water conditions, as well as those containing glycol. This product is not recommended for systems containing aluminum or for systems open to atmosphere.

PRODUCT TESTING & MONITORING

ACS-CLL-112X can be maintained by monitored by use of a nitrite andazole test kit. Or by PTSA residual for leak detection. For optimal product performance, ACS-CLL-112X should be dosed to provide a minimum Nitrite residual of 800 PPM as NaNO₂ for chilled water systems, and a minimum of 1,000 PPM as NaNO₂ for hot water systems.

DOSAGE & FEEDING

Consult with your water treatment specialist when determining final product dosage. Total Nitrite residual should never be maintained below a total of 500 PPM as NaNO₂, as this could accelerate corrosion rates.

ACS-CLL-112X should always be maintained at the recommended treatment concentration to insure continuous protection.

For best results, feed ACS-CLL-112X directly from the shipping container to a by-pass feeder equipped to the intended system requiring treatment. Your technical water treatment representative will recommend the proper feed rate and treatment dosage based on system operating parameters.

HANDLING & SAFETY PRECAUTIONS

ACS-CLL-112X is an alkaline 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.