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PRESS RELEASE



Are You Taking Proper Precautions Against Closed Loop Corrosion?

Corrosion protection is an integral part of any good maintenance plan. If not addressed, corrosion can cause many problems, from reducing flow and heat transfer efficiency all the way down to halting operation and requiring asset repair or replacement due to clogging or deterioration.

Cortec's Closed Loop Toad® is a unique corrosion inhibitor package designed to counter corrosion

and scale inside a closed loop cooling system. It goes beyond traditional corrosion inhibitor capabilities by creating a protective molecular barrier on metal surfaces above and below the water level. This lends protection to all metal surfaces, including recessed areas and interior cavities that traditional contact-only corrosion inhibitors cannot reach.





Closed Loop Toads are packaged in water-soluble PVA bags that are easy to apply and safe to handle. Simply remove the Closed Loop Toad[®] from its outer packaging and throw it directly into the pot feeder or holding tank water. The PVA bag will dissolve, unleashing the protective power of Vapor phase Corrosion Inhibitors (VpCI[®]) to prevent corrosion of metals in the liquid phase, vapor phase, and at the air-water interface. Closed Loop Toad[®] also contains a blend of organic-based inhibitors to prevent scale buildup.

Benefits of using Closed Loop Toad[®] include:

- Corrosion protection on all metal surfaces
- Easy disposal*
- Reduced chemical consumption and cost
- Increased worker productivity
- Increased worker safety
- Less downtime and longer asset service life

Closed Loop Toad[®] can be applied to closed loops for corrosion protection during operation or added to a system that is being prepared for wet layup. The latter is especially important, as a gap in preservation plans too often allows corrosion during idle periods. Referring to this critical timeframe, Cortec[®] Technical Sales Manager for Water Treatment, Scott Bryan (CWT), states, “The Closed Loop Toad[®] provides a unique and effective option for extended shutdowns or off-line closed loop systems to avoid the corrosion issues that occur when bringing the system back into service.”

After the Closed Loop Toad[®] is applied, all internal surfaces should be covered or closed. Four bags treat up to 1,000 gallons (3.8 m³) of water capacity.

To learn more about the advantages of Closed Loop Toad[®], please visit:

<https://www.cortecvci.com/products/vpci-water-treatment-products/seasonal-lay-up-products/closed-loop-toad/>



*It is always important to ensure that use and disposal of all materials is in accordance with local guidelines.

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

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