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PRESS RELEASE**



G7 Certification Unlocks New Rust Prevention Opportunities in Food Industry

[Cortec®](#) is thrilled to announce that the [Boiler Lizard®](#) and [Boiler Egg™](#) have received G7 certification with the NSF Nonfood Compounds Registration Program. Under the G7 category, these two corrosion inhibitors for boilers can be used in and around food processing areas where the treated water or steam has no contact with food. This registration unlocks new opportunities for the food industry to enjoy the benefits of easy corrosion protection during boiler layup and startup.



Dry Layup with Boiler Lizard®

The Boiler Lizard® (NSF Reg. #170844) has been a longtime favorite for corrosion protection of industrial boilers undergoing dry layup. This powerful package of Vapor phase Corrosion Inhibitors can be laid inside an empty boiler and slit open to allow corrosion inhibiting vapors to diffuse throughout the enclosure, adsorbing as a protective layer on all metal surfaces within. As long as the boiler remains closed, the corrosion inhibiting vapors will be trapped inside to continue protecting the metal. When it is time to restart the boiler, the Boiler Lizard® can be left in the waterside and allowed to dissolve—water-soluble bag and all—in the refill water.

Easy Startup with Boiler Egg™

The Boiler Egg™ (NSF Reg. #170845) came on the scene in 2020 as the ideal companion to Boiler Lizard®. Whereas Boiler Lizard® protects boiler internals during dry layup, the Boiler Egg™ protects against the threat of corrosion from oxygen pitting during the critical startup phase, when makeup water is normally not pre-heated and the operating chemical program has not yet been implemented. If desired, the Boiler Egg™ can be added just before startup or placed alongside the Boiler Lizard® during layup where it will remain dormant until the boiler is refilled. At that time, the Boiler Egg™ will dissolve and activate.



Avoid the Corrosion Drama

Without effective corrosion protection during layup and startup, boilers risk metal loss, iron “poisoning” of the water, clogging from corrosion products, leakage, premature failure, and downtime. While the absence of these problems is less dramatic than their presence, the benefits far outweigh the small investment of time and money required for corrosion preventative maintenance with the Boiler Lizard® and Boiler Egg™. Thanks to Cortec’s

two new G7 registrations, those benefits now extend to those who service boilers in the food processing industry, opening up a new approach to efficient, effective asset integrity management. [Contact Cortec® to learn more about these and similar solutions to corrosion for industrial water applications.](#)

Keywords: G7 certification, NSF nonfood compounds, boilers in food industry, food industry corrosion, rust prevention in boilers, Boiler Lizard, Boiler Egg, Cortec, corrosion inhibitors, boiler integrity

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