



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

Boiler Gecko™



DESCRIPTION

Cortec's Boiler Gecko™ is a convenient ready-to-use Vapor phase Corrosion Inhibitor (VpCI®) packaged in an air-powered spray can for use in the dry layup of small boilers and steam components. Boiler Gecko™ is effective for seasonal or long-term preservation of waterside and fireside components in boiler systems where the use of a Boiler Lizard® or traditional layup methods are not practical or effective. The VpCI® molecules will ensure protection throughout the boiler and direct application to a metal surface is not required. There is no need for product removal or additional flushing before the boiler is filled and returned to service.

PACKAGING & STORAGE

Boiler Gecko™ is available in 13 oz. (384 mL) EcoAir® bag-on-valve spray cans powered by compressed air.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

VpCI® ADDITIVES FOR WATER TREATMENT



FEATURES

- No heavy metals, halogens, or solvents
- Free of detrimental elements prohibited in nuclear industry
- Nitrite-free
- Silicon-free
- Readily water soluble
- Does not form solid residue
- pH neutral
- Low odor
- Non-flammable
- Air-powered (no chemical propellants)
- Able to spray in any direction, even upside down

BENEFITS

- Multi-metal protection
- Vapor-phase corrosion protection for surfaces where Boiler Gecko™ has not been directly applied
- Easy to apply
- No need to remove

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum and Alloys
- Copper and Alloys

Boiler Gecko™

TYPICAL PROPERTIES

Appearance	Clear Liquid
Density	8.4-8.6 lbs/gal (1.00-1.03 kg/L)
pH	7.1-7.5 (Neat)
Freeze Point	14 °F (-10 °C)
Odor	Slight



APPLICATION

Completely drain and cool boiler. Shake Boiler Gecko™ well before use. Spray evenly and consistently throughout the internal void space to ensure proper distribution of the product. No product removal is required prior to boiler startup. When the boiler is put back in service, fill with water and employ normal startup procedure. The remaining product will dissolve. One Boiler Gecko™ will treat approximately 100 gallons (380 L) of boiler volume.

Environmental Breakthrough

EcoAir® airpowered spray can products provide spray cans powered by compressed air that completely replace expensive chemical propellants. This technology is innovative because a four-layer EcoPouch™ is inserted into a can then the can is pressurized. Finally, the EcoPouch™ is filled with the liquid. As the valve is depressed the surrounding pressure expels the bag's internal fluids until the product is used up.

- No chemical propellants
- Non-flammable
- Able to spray in any direction, even upside down.
- No product contamination by propellant.
- Safer to ship and store, with very low or no environmental impact.
- Unique water-based products

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

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4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC
info@cortecvci.com
https://www.cortecvci.com
https://www.cortecwatertreatment.com

Distributed by:



Valdamark Limited

Unit 13,
30 The Downs
Altrincham, Cheshire, WP14 2PX,
United Kingdom.
valdamark@live.com
Tel: +44 (0) 161 706 0388

