



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies



Cooling Loop Croc™

DESCRIPTION

Cortec's Cooling Loop Croc™ is a powerful combination of contacting and Vapor phase Corrosion Inhibitor (VpCI®) powder packaged in polyvinyl alcohol (PVA) water-soluble bags. It was developed for the startup of cooling towers that have been shut down for an extended period of time. The Cooling Loop Croc™ provides temporary corrosion protection along with cleaning of organic materials such as biofilm during startup. It can be used independently or in systems where the Cooling Loop Gator® has been applied for layup.

PACKAGING & STORAGE

Cooling Loop Croc™ is available in 1.1 lb (0.5 kg) bags, four bags per box. Dimensions: 6" x 9" (15 cm x 23 cm).

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

- Can be used at startup for dual cleaning/corrosion inhibition
- Water-soluble packaging eliminates direct handling of chemicals
- Biodegradable (>80%)
- Easy to apply
- Nitrite-, phosphate-, and chromate-free

BENEFITS

- Provides excellent short-term corrosion protection during seasonal startup, cleaning, and flushing
- Protects multi-metals, including galvanized steel and yellow metals (copper, brass)
- Protects inaccessible and recessed surfaces
- Reduces initial chemical consumption upon startup
- Speeds up system cleaning by helping remove biofilm

PHYSICAL PROPERTIES

Appearance	White to tan powder inside a water-soluble pouch
pH	6.8-7.2 (0.1% aqueous solution)

APPLICATION

One Cooling Loop Croc™ bag treats 250 gallons (0.95 m³) of water. At startup, fill water to normal operating level and turn on circulating pumps. Remove and discard outer Cooling Loop Croc™ barrier bag and add one water-soluble inner bag at a time directly into a turbulent area of the cooling tower basin to allow adequate mixing.

COMPATIBILITY

Cooling Loop Crocs are compatible with most materials of construction in cooling towers (e.g., rubbers, polymers, etc.) and are typically effective in the presence of non-oxidizing biocides. Please consult Cortec® Technical Services for further information regarding the use of biocides.

Cooling Loop Croc™

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