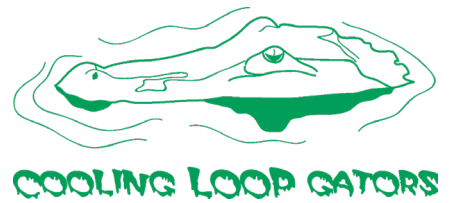




CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies



Cooling Loop Gator® , Patented

DESCRIPTION

Cortec's Cooling Loop Gator® is a Vapor phase Corrosion Inhibitor (VpCI®) powder packaged in polyvinyl alcohol (PVA) water-soluble bags. Developed for seasonal, short-term, or long-term layup, Cooling Loop Gator® protects enclosed spaces for up to 12 months. Once the bag and powder dissolve, the Vapor phase Corrosion Inhibitors adsorb on all metal surfaces, reaching recessed areas and interior cavities. The VpCI® inhibitors form a strong molecular layer on the metal that protects in both the liquid and vapor phase.

PACKAGING & STORAGE

Cooling Loop Gator® is available in 2.2 lb (1 kg) bags, four bags per box. Dimensions: 10" x 14" (25 cm x 35 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 as a corrosion inhibitor additive in the majority of water treatment programs
- Safe and easy to handle, non-hazardous, non-irritating
- Biodegradable (>80%)
- Effective for wet layup and flushing applications
- Easy to apply
- Nitrite-, phosphate-, and chromate-free
- Compatible with the majority of commercially available biocides and antiscalants

BENEFITS

- Provides excellent corrosion protection during layup
- Provides protection for multimetals, including galvanized steel and yellow metals (copper, brass)
- Protects inaccessible and recessed surfaces
- Does not need to be removed prior to startup
- Eliminates environmental hazard and disposal problems
- Reduces chemical consumption and cost upon startup
- Increases worker productivity and safety

PHYSICAL PROPERTIES

Appearance	White Powder
pH	8.5-9.5 (1% Aqueous)

APPLICATION

One Cooling Loop Gator® treats 250 gallons (0.95 m³) of water. Remove and discard outer barrier bag. Add the water-soluble bags directly into the cooling water. Recirculate treated water for about 12-24 hours to obtain a good protective layer before shutdown. Either drain the water out or leave treated water in the cooling tower. After application, all valves should be covered, closed, and shut off.

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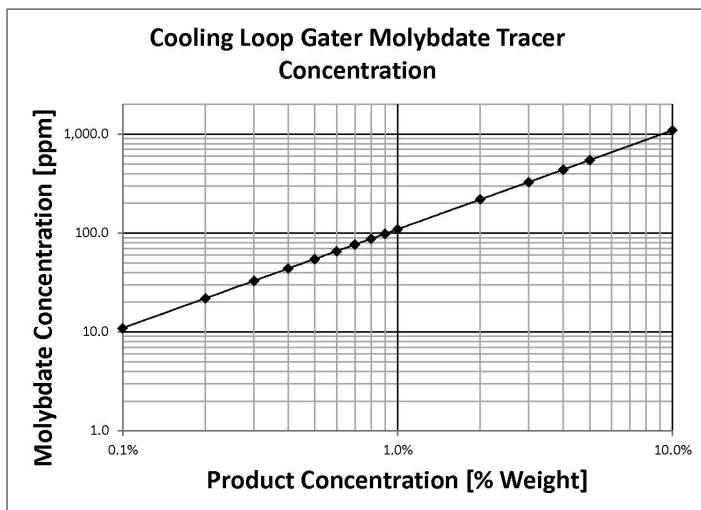
COMPATIBILITY

Cooling Loop Gators are compatible with most materials of construction in cooling towers (e.g. rubbers, polymers, etc.). Cooling Loop Gators are effective in the presence of:

- Non-oxidizing biocides
- Oxidizing biocides*

Please consult Cortec[®] Technical Services for further information before use with biocides.

***Keep free halogen concentration less than 2 ppm. When using a high concentration level of oxidizing biocides, consult Cortec[®] about dosages.**



STANDARD TEST METHODS

ASTM G31 / NACE TM0162	Standard guide for laboratory immersion corrosion testing of metals
EPA-821-R-02-012	Methods for measuring the acute toxicity of effluents

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