

# Continuum\* AT9070

## alkaline cooling treatment program

- A cost effective solid disc
- High pH corrosion inhibitor
- Effective scale inhibitor
- Strong antifoulant/dispersant
- Organic inhibitor for copper metallurgy
- Fluorescent tracer for enhanced feed control
- Improved worker safety: no handling of hazardous liquids
- Practically eliminates chemical spill risk
- Simple, convenient, dependable

### description and use

Continuum AT9070, a blended solid disc, is a specially formulated phosphate/organic fluorescent-based corrosion inhibitor and deposit control agent. Continuum AT9070 also contains a fluorescent tracer for enhanced feed control. The non-molybdate Continuum AT9070 allows cooling systems to stay in compliance with local discharge regulations, which may restrict the amount of molybdate that a municipal sludge contains.

Continuum AT9070 complexes scale forming ions into soluble salts. The anti-nucleating and dispersing capabilities of the proprietary organic agents in this product extend the solubility range of calcium, phosphate and iron salts to prevent scale and other deposits. This allows cooling systems to be operated in highly buffered, alkaline environments, eliminating the need to feed hazardous acid for pH control.

Continuum AT9070 protects many commonly used metals from corrosion by forming an inhibiting film on their surfaces. While the corrosiveness of water naturally decreases at alkaline conditions, it is still necessary to chemically treat for corrosion, especially in copper and copper alloy systems.

### treatment and feeding requirements

Continuum AT9070 is designed specifically to be fed via RediFeed\* equipment with good quality water to any convenient strength. The Continuum AT9070 residual is monitored by a hand-held little dipper fluorescent meter (Analytical Procedure AP946, L1073). Tanks, pumps, valves and associated piping should be made of Hastalloy, mild steel, stainless steel, polyethylene or most common plastics.

Proper treatment levels for Continuum AT9070 depend on many factors, such as the corrosion and scaling potentials and conditions particular to a given installation. The product should be used in accordance with control procedures that SUEZ establish for a specific application.

### general properties

Physical properties of Continuum AT9070 are shown on the Safety Data Sheet, (SDS) a copy of which is available on request.

### packaging information

Continuum AT9070 is a blended solid disc, available in a case of 8 discs. Each disc weighs 5 pounds or 40 pounds per case. Consult your SUEZ representative for details.

### storage

Keep in dry storage areas at ambient temperature.

### safety precautions

A SDS containing detailed information about this product is available upon request.

Find a contact near you by visiting [www.suezwatertechnologies.com](http://www.suezwatertechnologies.com) and clicking on "Contact Us."

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