



Continuum™ AT901 Alkaline Cooling Treatment Program

- A cost effective solid concentrate
- Improved worker safety - no handling of hazardous liquids
- Elimination of chemical spill risk
- Simple, convenient, dependable
- High pH corrosion inhibitor
- Effective scale inhibitor
- Strong antifoulant/dispersant
- Organic inhibitor for copper metallurgy

DESCRIPTION AND USE

Continuum™ AT901 is a specially formulated phosphate/organic/ molybdate-based corrosion inhibitor and deposit control agent. The low molybdate level developed by treatment with Continuum AT901 allows cooling systems to stay in compliance with local discharge regulations which may restrict the amount of molybdate that a municipal sludge contains.

Continuum AT901 complexes scale forming ions into soluble salts. The antinucleating 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 AT901 protects many commonly used metals from corrosion by forming an inhibiting film on their surfaces. While the corrosivity 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

Proper treatment levels for Continuum AT901 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 GE Betz establishes for a specific application. Continuum AT901 is designed specifically to be fed via RediFeed™ equipment with good quality water to any convenient strength. Feed of the product is controlled by a simple and accurate molybdenum test. Tanks, pumps, valves and associated piping should be made of Hastalloy, mild steel, stainless steel, polyethylene or most common plastics.

GENERAL PROPERTIES

Physical properties of Continuum AT901 are shown on the Material Safety Data Sheet, a copy of which is available on request.

PACKAGING INFORMATION

Continuum AT901 is a solid blend, available in a customized polyethylene container. Consult your GE Betz representative for details.

STORAGE

Keep in dry storage areas at ambient temperature.

SAFETY PRECAUTIONS

A Material Safety Data Sheet containing detailed information about this product is available upon request.