

Cooling Water treatment solutions :

- Comprehensive product portfolio to control corrosion, scaling, biological growth, and organic fouling in both open and closed circulating systems
- Proven solutions for cooling systems using ETP/STP-treated make-up water, supporting water conservation initiatives
- Specialized treatment program designed for low-salinity make-up water and high HTI cooling systems
- Acid-free cooling water treatment program developed specifically for power plant cooling water systems

Product Name	Application	Description
AKWA CC 8101	Corrosion Inhibitor for MS / CS	A synergistic blend of Anodic & Cathodic Corrosion Inhibitors for an Open Circulating system. Highly stabilize formulation specially designed to provide corrosion protection to MS / CS along with polymeric dispersant.
AKWA CC 8201	Corrosion Inhibitor for MS / CS	This product is specially developed to prevent tubercles formation and pitting corrosion on MS. It will give corrosion protection in Low Hardness water, it doesn't require Hardness for functioning. It can be used in once through system too.
AKWA CC 8301	Corrosion Inhibitor for Copper & Copper Alloy	It is used to control the Corrosion of Copper and its Alloy in an Open / Closed circulating cooling water system.
AKWA CC 8401	Corrosion Inhibitor for high Chloride water	Effective corrosion control for high Chloride water. It will control pitting corrosion mainly. It can be used alone or combined with other corrosion inhibitors.
AKWA CC 8104	Scale / Corrosion Inhibitor	It is a synergistic combination of Corrosion & Scale inhibitor. It is a Single product for the Medium to Small Cooling water system.
AKWA CD 7101	Antiscalant / Dispersant	It will act as a Phosphate stabilizer, providing a cleaner surface for metal passivation. Also control deposit of Ca - Salts in Open Cooling water system.
AKWA CD 7203	Antiscalant / Dispersant	Phosphate Stabiliser and functioning in presence of IRON. Control Phosphate, Ca-Salt deposition effectively in high HTI - Open Circulating Cooling water system.
AKWA CA 6101	Scale / Corrosion Inhibitor for Power Plant	This product is specially designed for Power Plant treatment. It is a single product that will take care of Corrosion / Scale in the Power Plant Cooling water system where the Condenser Tube will be SS, Cu-Ni, Titanium.

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AKWA CB 4001	Biodispersant	It disperse biomass from the Heat transfer surface and improve the Heat transfer. It doesn't have Bacterial-killing property but penetrates the biofilm and improve the killing efficiency of Oxidizing & Non-Oxidizing Biocides.
AKWA CB 5101	Non-Oxidizing Biocide (Algaecide)	It is used to control Algae growth as well as Slime formation in Open Circulating system. It is a broad - spectrum biocide and is commonly used for all types of water.
AKWA CB 5102	Non-Oxidizing Biocide	It is broad spectrum biocide and effectively functions on wide pH range. It can be used for an open recirculating system.
AKWA CB 5201	Non-Oxidizing Biocide	It greatly controls Slime formation as well as provides excellent control over Nitrifying Bacteria.
AKWA CB 5501	Non-Oxidizing Biocide	This biocide tremendously controls Slime formation as well as excellent control over SRB (Sulfate Reducing Bacteria).
AKWA CB 9001	Oxidizing Biocide (ClO ₂)	It is a precursor for Chlorine Dioxide, it is widely used in Fertiliser / Refinery / Petrochemicals / Power Plants where chances of contaminations are high OR Cooling water system that operates at Alkaline pH.
AKWA CC 8001	Corrosion Inhibitor for Closed Cooling system	This product is used as a Corrosion inhibitor for the Closed Cooling system. It can be used for a Hot / Chilled water system. It gives excellent corrosion control on MS / CS / Copper. It is effective in Chloride content water too.
AKWA CC 8002	Corrosion Inhibitor for CaCl ₂ Brine Chiller	It is an Organic Cathodic Corrosion Inhibitor and an excellent Chelating Agent. It is specially designed for Brine Chiller where CaCl ₂ Brine is used as a Refrigerant.
AKWA EA 6102 / EA 6103	MEE / Evaporator Antiscalant	Antiscalants for MEE or Evaporator applications, based on the Feed quality we will recommend a suitable product. It will effectively control scale in high TDS Feed at high Heat Flux Area.
AKWA HA 1000	pH Adjustment	This product controls high pH caused by Carbonate-Bicarbonate Alkalinity and maintains film forming polymer activity.