

ZI-CHEM 29A0

Cooling Water Corrosion Control

HIGHLIGHTS

ZI-CHEM 29A0 is a multi-component corrosion inhibitor designed for open evaporative cooling systems where strong corrosion control is required and a stabilized phosphate treatment program is selected.

ZI-CHEM 29A0 includes a combination of polyphosphate, orthophosphates and azole for corrosion control supported by oxidant-stable phosphonates for control of scale deposition. For many conditions, it is recommended that ZI-CHEM 29A0 should be supported by separate ZI-CHEM scale inhibitor products.

TYPICAL PROPERTIES

- Appearance: Clear yellow aqueous liquid
- Specific gravity: 1.4 – 1.5
- pH (neat) 11.0 – 12.0
- Flash point: None
- Freeze point: -24 °C

PRIMARY APPLICATIONS

The primary feed points for cooling towers is continuous to the cooling tower basin added in proportion to the makeup water in a location separate from addition of other chemicals (eg: oxidants or acid).

FEEDING & CONTROL

ZI-CHEM 29A0 should be added using a chemical metering pump with liquid end constructed of suitable materials. These include PVC, polypropylene, Viton, Teflon and stainless steel.

The dosage will depend on the operating conditions and the chemistry of the water being treated. Your ZI-TECHASIA technical field specialist will recommend the most appropriate dosage for your particular application on an ongoing basis.

THE BENEFITS

- Improved heat transfer capacity
- Extended equipment life
- Reduced maintenance cost
- Reduced water costs
- Avoid unscheduled downtime

COMMON APPLICATIONS

- Automotive industries
- Packaging facilities
- Power generating facility
- Tire & Rubber manufacturing
- Cement manufacturing
- Petrochemical plant

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg IBC's or in bulk

HANDLING & SAFETY

ZI-TECHASIA maintains a database of material safety data sheets (MSDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.

