

ZI-CHEM 2900

Cooling Water Corrosion & Scale Control

HIGHLIGHTS

ZI-CHEM 2900 is a multi-functional corrosion and scale inhibitor designed for open evaporative cooling systems, air washers, pasteurizers and other cooling systems where the water quality is lean and aggressive, tending to moderate or high corrosion potential.

The combination of zinc, orthophosphate and azole in ZI-CHEM 2900 offers one of the strongest corrosion control programs available in a single product that is also coupled with scale deposit control with advanced terpolymer dispersants and oxidant-stable organic phosphorous compounds.

TYPICAL PROPERTIES

- Appearance: Clear to Hazy Colorless to Yellow Liquid
- Specific gravity: 1.15 -1.25
- pH (neat) 0.15 – 2.00
- Flash point: None
- Freeze point: 0°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 2900 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.

PRODUCT REGISTRATION

ZI-CHEM 2900 is registered to the NSF Nonfood Compounds Registration Program under Category Code G5 (Cooling and retort water treatment products – all food processing areas).

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 generation 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 safety data sheets (SDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.

