

ZI-CHEM 22E0 Cooling Water Corrosion Control

HIGHLIGHTS

ZI-CHEM 22E0 corrosion inhibitor is a liquid formulation containing polyphosphate based corrosion inhibitor used to provide supplementary cathodic corrosion protection to a wide range of water using applications including closed cooling closed circuits with polyethylene glycol as corrosion inhibitor and once through cooling systems.

In many applications, it is designed as a component of a multi-component program designed to provide comprehensive control of corrosion. This is fundamental to the ZI-TECHASIA plant efficiency & preventative maintenance management program in water systems.

It is possible to predict the increase in plant life and reduction in maintenance costs by the correct use of this product as part of a detailed corrosion control strategy.

TYPICAL PROPERTIES

- Appearance: Clear amber-coloured aqueous liquid
- Specific gravity: 1.1 – 1.2
- pH (neat) 4.0 – 5.0
- 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. Other applications require continuous addition upstream of primary scale deposition areas.

FEEDING & CONTROL

ZI-CHEM 22E0 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

- Cleaner, more efficient heat transfer
- Extended equipment life
- Reduces maintenance cost
- Avoid unscheduled downtime

COMMON APPLICATIONS

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

PACKAGING

- 30kg pails
- 240kg drums
- 1,200kg 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.

