

ZI-CHEM 16C1 Steam Boiler Scale & Corrosion Control

HIGHLIGHTS

ZI-CHEM 16C1 is an essential component of the ZI-TECHASIA boiler efficiency and plant maintenance management program.

This product is designed as a stand alone treatment program. It is comprised of a high-performance blend of scale and corrosion inhibitors, including blend of polyphosphates which are beneficial where there is hardness is present in the feedwater and in combination with carbonate-based alkalinity balance to form protective stable magnetite film and reduce silica scale deposits.

In addition, ZI-CHEM 16C1 includes the corrosion protection capabilities of rapid reacting catalysed sulphite oxygen scavenger. These prevent corrosion in steam generating systems by removing dissolved oxygen from feedwater and boiler water.

TYPICAL PROPERTIES

- Appearance: White powder
- Specific gravity: No data
- Solubility: Complete in water
- Flash point: None

PRIMARY APPLICATIONS

The primary feed points for ZI-CHEM 16C1 are the feedwater tank, deaerator storage or feedwater line. It is best fed on a continuous basis the feedwater.

FEEDING & CONTROL

ZI-CHEM 16C1 should be dissolved in a site mixing tank then injected to boiler or pre-boiler 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 application on an ongoing basis.

THE BENEFITS

- Reduced total fuel cost
- Increased steam production
- No off-line cleaning required
- Extended equipment life
- Easy handling with one drum treatment product

COMMON APPLICATIONS

- Automotive industries
- Packaging facilities
- Pharmaceutical
- Food Industries
- Pulp & Paper processing
- Timber processing

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg IBC containers

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.

