

ZI-CHEM 8270 Chemical Cleaning

HIGHLIGHTS

ZI-CHEM 8270 is an inhibited citric acid-based liquid cleaner specifically designed for the removal of iron-based deposits from industrial water systems. This acts as a chelating/sequestering agent which selectively acts on deposits of iron, copper, calcium, and magnesium.

ZI-CHEM 8270 can also be used as an on-line cleaner for cooling systems experiencing high iron levels in the make-up or recirculating water.

ZI-CHEM 8270 is less aggressive than mineral acids such as hydrochloric acid or sulphuric acid. In contrast to hydrochloric acid, ZI-CHEM 8270 can be diluted without danger of violent spattering and "bumping".

TYPICAL PROPERTIES

- Appearance: Clear to straw color acidic liquid
- Density: 1.0 – 1.2
- pH: 1.0 – 3.0
- Boiling point: 100° C

PRIMARY APPLICATIONS

The dosage rate for ZI-CHEM 8270 will be based on the amount of deposit to be removed and the size of the system. Normal use concentration is 1 to 10% concentration of the recirculating water.

Your ZI-TECHASIA technical field representative will determine the correct feed rate for your conditions.

FEEDING & CONTROL

ZI-CHEM 8270 can be added directly to a balance tank constructed of polyethylene or similar resistant material and containing ambient temperature water. Please refer to the procedure specific for your application provided by your ZI-TECHASIA technical field representative.

THE BENEFITS

- Easily removes iron based deposits and carbonate scale
- Low corrosion risk to most common metals

COMMON APPLICATIONS

- Condenser
- Preheaters
- Head Exchangers
- Evaporators

PACKAGING

- 25kg pails
- 1000kg IBC Tank

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.

