

ZI-CHEM 8180

Organic Deposit Removal

HIGHLIGHTS

ZI-CHEM 8180 is a solution of pure alkali, and is an essential part of a chemical cleaning maintenance program. ZI-CHEM 8180 is used to raise the pH of cleaning solutions for cooling, heating and steam generating systems. This is effective in assisting the removal of organic debris and greasy deposits. It is most effective when used in conjunction with ZI-CHEM non ionic surfactant cleaners. The components of ZI-CHEM 8180 are FDA acceptable as a cleaning agent for water using.

TYPICAL PROPERTIES

- Appearance: Clear colorless liquid
- Specific gravity: 1.5 min
- pH (neat) 12.0 – 14.0
- Freeze point: -12.2°C
- Flash point: None

PRIMARY APPLICATIONS

ZI-CHEM 8180 should be added to adjust the pH of the recirculating cleaning solution to 9.0 – 10.0. The actual dose required to maintain this pH will depend on the type of foulants that will enter into the cleaning solution.

FEEDING & CONTROL

ZI-CHEM 8180 is added to the recirculation balance tank after permeate water is already added. This product can be added directly from the drum using a drum pump, or manual pouring to a measuring jug or cylinder.

Periodic checking of the pH of the recirculating cleaning solution should be carried out, and additional amounts of product added if the pH falls.

APPROVAL

The components of ZI-CHEM 8180 are FDA acceptable as a cleaning agent for industrial water systems.

THE BENEFITS

- Reduces water and power consumption
- Restores and prolongs heat exchanger life
- Improves heat exchanger flow distribution
- Avoids heat exchanger replacement cost

COMMON APPLICATIONS

- Cooling system heat exchangers
- Steam generating systems

PACKAGING

- 35kg pails
- 300kg drums
- 1,400kg 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.

