ZI-CHEM 8361
Chemical Cleaning Silica Deposit Removal

HIGHLIGHTS

ZI-CHEM 8361 scale removal agent is designed specifically for the removal of silica-based scale deposits in industrial heat exchangers and boiler equipment.

It can be used in plant comprised of materials including carbon steel, copper, galvanizing, stainless steel and titanium.

It can be used to enhance the effectiveness of an acid-based cleaning procedure, or independently.

ZI-CHEM 8361 should be used in conjunction with a specialist inhibitor to ensure that the metals of the system being cleaned are protected at all times.

TYPICAL PROPERTIES

- Appearance: White translucent deliquescent crystals
- Odour: Odour or slightly acrid smell
- Density: 1.3 – 1.55
- pH (1% solution) < 1.0
- Boiling point: 126.2℃

PRIMARY APPLICATIONS

The application rates of ZI-CHEM 8361 will vary based on the amount of scale to be used, the system conditions, and the composition of the scale deposits. Your ZI-TECH technical field representative will determine the correct feed rate and procedure for your specific conditions.

FEEDING & CONTROL

ZI-CHEM 8361 should be dissolved by adding to a balance tank constructed of polyethylene or similar resistant material and containing ambient temperature water. The solution should then be pumped using a corrosion resistant centrifugal pump into the heat exchanger to be cleaned and recirculated back to the tank. Your ZI-TECH technical field representative will determine the procedure and correct feed rate for your specific conditions.

THE BENEFITS

- Removes hard silica based deposit
- Enhances the effectiveness of an acid-based cleaner
- Easy to handle powder

COMMON APPLICATIONS

- Condenser
- Steam Boilers
- Preheaters
- Heat Exchangers
- Evaporators

PACKAGING

- 25kg open top pails with lid
- 25kg nylon bags

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.

ISO 9001:2008 Certificate No.SG12/04040 ISO 14001:2004 Certificate No.SG12/04041

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