

ZI-CHEM 8111

Chemical Cleaning Scale Remover

HIGHLIGHTS

ZI-CHEM 8111 is a selected sulphamic acid based scale remove agent for the removal of scale deposits from industrial surfaces. When used with salt, ZI-CHEM 8111 is effective in removing iron deposits from metal equipment.

ZI-CHEM 8111 is less aggressive than mineral acids such as hydrochloric acid or sulphuric acid. ZI-CHEM 8111 is a safe, easy to handle powder - which makes possible the acid cleaning of metal equipment without the hazards which are normally associated with the use of ordinary mineral acids. In contrast to sulphuric acid, ZI-CHEM 8111 can be dissolved and diluted without danger of violent spattering and "bumping". Because it is supplied and stored as a dry powder.

ZI-CHEM 8111 can be measured, weighed, and transferred in small quantities with no risk to personnel from splashing or spillage as with a liquid.

TYPICAL PROPERTIES

- Appearance: White to colorless crystals
- Density: 2.0 – 2.2
- pH (1% solution) 1.1 – 1.2
- Boiling point: N/A

PRIMARY APPLICATIONS

The dosage rate for ZI-CHEM 8111 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 8111 can be added directly to a balance tank constructed of polyethylene or similar resistant material and containing ambient temperature water. It is preferable that a mechanical agitator be used to assist with dissolution of the product. Please refer to the procedure specific for your application provided by your ZI-TECHASIA technical field representative.

THE BENEFITS

- Easily removes deposits of calcium carbonate, calcium phosphate, and/or iron oxides
- Low corrosion risk to most common metals
- Safe, easy to handle powder
- No handling hazards

COMMON APPLICATIONS

- Steam Boilers
- Condenser
- Preheaters
- Head Exchangers
- Evaporators

PACKAGING

- 10kg open top pails with lid
- 25kg open top pails with lid
- 25kg nylon bags

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.

