

ZI-CHEM 8120 Off-line Scale Remover

HIGHLIGHTS

ZI-CHEM 8120 is a highly concentrated acid cleaner for the removal of mineral scale deposits from carbon steel surfaces in industrial applications. Scale deposits that can be dissolved with this product include calcium carbonate, calcium sulphate, iron oxide magnesium hydroxide, magnesium phosphate.

ZI-CHEM 8120 is also effective in removing silica based scale deposits, if ZI-CHEM 8361 intensifier is added.

When used in conjunction with ZI-CHEM 8330 corrosion inhibitor, ZI-CHEM 8120 is not corrosive to carbon steel surfaces.

TYPICAL PROPERTIES

- Appearance: Clear colourless liquid
- Odour: Strong pungent odour
- Density: 1.0 – 1.2
- pH ((0.1% solution) < 1.0
- Boiling point: 101 – 103°C

PRIMARY APPLICATIONS

The dosage rate for ZI-CHEM 8120 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 8120 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 deposits of calcium carbonate, calcium phosphate, and/or iron oxides
- Less corrosive to metal surfaces with additional corrosion inhibitor
- Easy in mixing

COMMON APPLICATIONS

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

PACKAGING

- 30kg pails
- 24kg drums
- 1,200kg 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.

