

ZI-CHEM 8330

Chemical Cleaning Corrosion Inhibitor

HIGHLIGHTS

ZI-CHEM 8330 is low foaming liquid inhibitor to be designed to inhibit corrosion attack from the use of concentrated solutions of sulphamic acid, citric acid, tartaric acid, oxalic acid, and hydrochloric acid chemicals on mild steel, stainless steel, copper, and brass during industrial cleaning operations.

ZI-CHEM 8330 is added to the above acids for protection of the equipment during chemical cleaning and descaling.

TYPICAL PROPERTIES

- Appearance: Clear brown liquid
- Odour: Aromatic
- Density: 1.0 – 1.2
- pH (1% solution) < 2.0
- Boiling point: N/D

PRIMARY APPLICATIONS

The dosage rate for ZI-CHEM 8330 is calculated based on a percentage of the concentrated acid being used in the cleaning operation as follows:

-For cleaning temperatures below 80 °C: ZI-CHEM 8330 of 0.125 – 0.25%

-For cleaning temperatures above 80 °C: ZI-CHEM 8330 of 0.25 – 0.5%

Your ZI-TECH technical field representative will determine the procedure and correct feed rate for your specific conditions.

FEEDING & CONTROL

ZI-CHEM 8330 can be added directly to a balance tank constructed of polyethylene or similar resistant material and containing ambient temperature water, with the acid solution that is ready to be pumped using a corrosion resistant centrifugal pump into the heat exchanger & boiler to be cleaned and recirculated back to the tank.

THE BENEFITS

- Protect most metal surfaces
- Extended equipment life
- Easy to handle liquid

COMMON APPLICATIONS

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

PACKAGING

- 25kg plastic pails
- 200kg drums

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