ZI-CHEM 62A0
Membrane Maintenance Deposit Removal

HIGHLIGHTS

ZI-CHEM 62A0 is an inhibited sulfamic acid based liquid cleaner specifically designed for the removal of iron and carbonate based deposits from reverse osmosis membranes. This acts as a chelating/sequestering agent which selectively acts on deposits of iron, copper, calcium and magnesium.
ZI-CHEM 62A0 is less aggressive than mineral acids such as hydrochloric acid or sulphuric acid. ZI-CHEM 62A0 is a safe, easy to handle liquid - which makes possible the acid cleaning of metal equipment without the hazards which are normally associated with the use of ordinary mineral acids.

TYPICAL PROPERTIES

- Appearance: Clear colorless liquid
- Density: N/A
- pH (1% solution) < 2.0
- Boiling point: N/A

PRIMARY APPLICATIONS

The dosage rate for ZI-CHEM 62A0 will be based on the amount of deposit to be removed and the size of the system. Normal use concentration is 1.0% to 10 % concentration of the recirculating cleaning solution.
Your ZI-TECHASIA technical field representative will determine the correct feed rate for your conditions.

FEEDING & CONTROL

ZI-CHEM 62A0 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.

APPROVAL

ZI-CHEM 62A0 can be used in food grade applications as it has an FDA approval for chemical cleaning in the food industry

THE BENEFITS

- Reduces water and power consumption
- Restores and prolongs membrane life
- Improves membrane reject and flow
- Eliminate membrane replacement cost

COMMON APPLICATIONS

- BWRO Plant
- SWRO Plant

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