

ZI-CHEM 6231

Membrane Maintenance Deposit Removal

HIGHLIGHTS

ZI-CHEM 6231 is powder form sequestering and chelating cleaner specifically designed for the removal of iron and manganese based deposits from reverse osmosis membranes. This acts as a chelating/sequestering agent which selectively acts to dissolved these deposits

ZI-CHEM 6231 rapidly enhances the performance of acid based cleaning agents, and does not exhibit the aggressive properties of than mineral acids. ZI-CHEM 6231 is a safe, easy to handle- which makes possible the acid cleaning of metal equipment without the hazards which are normally associated with the use of ordinary mineral acids.

ZI-CHEM 6231 is easy to transport due to its low weight and concentrated form. It can be easily dissolved in water before use. ZI-CHEM 6231 can be used in food grade applications as it has an FDA approval for chemical cleaning in the food industry.

TYPICAL PROPERTIES

- Appearance: Free flowing white powder
- Density: 0.8 – 0.9
- pH (1% solution) 10.5 – 11.5
- Boiling point: N/A

PRIMARY APPLICATIONS

The dosage rate for ZI-CHEM 6231 will be based on the amount of deposit to be removed and the size of the system. Normal use concentration is 0.3 to 0.6% concentration of the recirculating water.

Your ZI-TECHASIA technical field representative will determine the correct feed rate for your conditions.

FEEDING & CONTROL

ZI-CHEM 6231 can be added to water in a tank constructed of polyethylene or similar resistant material and containing ambient temperature RO permeate water.

Please refer to the procedure specific for your application provided by your ZI-TECHASIA technical field representative.

APPROVAL

ZI-CHEM 6231 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.

