

ZI-CHEM 6420

Reverse Osmosis Dechlorinator

HIGHLIGHTS

ZI-CHEM 6420 is a liquid product to facilitate protection of RO membranes from impact of chlorine and other oxidants.

This product functions by rapidly reacting with any oxidizing residual such that it is deactivated before reaching the RO membranes.

TYPICAL PROPERTIES

- Appearance: Clear yellow liquid
- Specific gravity: 1.2 – 1.4
- pH (neat) 4.0 – 5.0
- Freeze point: -19°C
- Flash point: None

PRIMARY APPLICATIONS

ZI-CHEM 6420 should be dissolved in a site mixing tank, and the solution injected continuously to the feedwater line to the RO plant using a chemical metering pump.

FEEDING & CONTROL

ZI-CHEM 6420 should be injected using a chemical metering pump with liquid end constructed of suitable materials. These include PVC, polypropylene, viton, Teflon and stainless steel.

The dosage will depend on the operating conditions and the chemistry of the water being treated. The normal dosage of treatment is 1 – 2 mg/L of feedwater flow.

Your ZI-TECHASIA technical field specialist will recommend the most appropriate dosage for your particular application on an ongoing basis.

APPROVAL

The components of ZI-CHEM 6420 are FDA acceptable in accordance with 21 CFR Section 173.310, and NSF section 60 potable water applications.

Halal certification by MUI.

THE BENEFITS

- Longer membrane life
- Easy handling

COMMON APPLICATIONS

- BWRO Plant
- SWRO Plant

PACKAGING

- 30kg pails
- 240kg drums
- 1,200kg IBC containers

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.

