



TRIPOL 8010 SCALE INHIBITOR

- Extends useful membrane life
- Superior control of calcium carbonate

PROBLEM

In many installations worldwide, higher permeate recoveries from reverse osmosis (RO) systems are often limited by the potential for calcium carbonate scale. This is especially problematic for the new generation polyamide composite membranes since feedwater acidification is no longer required to insure long service lives. In many application, the tendency for calcium carbonate scale formation has the effect of lowering the system recovery that could adversely effect the system economics.

SOLUTION

TriPol 8010 protects and enhances the operation of RO and NF systems, by controlling mineral scale formation due to carbonate, sulfate, and fluoride compounds. In most water types, proper use of TriPol 8010 can significantly increase allowable system recoveries and thus expand the suitability for use in a wider range of applications.

APPLICATION

TriPol 8010 is metered into the feed water at a point where turbulent flow will ensure adequate chemical mixing prior to entering the RO or NF system. This is usually done prior to the cartridge filters and high pressure pump. Dosing rates vary depending on feedwater quality and recovery but normally run between 2 and 5 ppm. For exact dosing, use the latest version of TroiWin. TriPol 8010 should not be used if there is more than 0.1 ppm of iron or other metal hydroxides in the feedwater. Since this product is anionic in nature, care should be taken when using cationic polyelectrolytes in the pretreatment system.

PERFORMANCE

Max. Langlier Saturation Index	+1.0*
Max. CaSO ₄ Saturation	150%*
Max. SrSO ₄ Saturation	200%*
Max. BaSO ₄ Saturation	200%*
Silica	100%*

(* in the concentrate)

PACKAGING

TriPol 8010 is shipped as a liquid in ½ gallon sample sizes, 5 gallon (40 lb) plastic pails, and 55 (500 lb) gallon plastic drums. Pricing is F.O.B. our factory in Goleta, CA. Delivery for most orders is 1-2 days after receipt of order.

MSDS SHEETS

For the most up to date information on MSDS sheets, please contact our web site at www.trisep.com