

# PRE TREATMENT CITRIC ACID

## FEATURES

- Neutralizes pH of RO alkaline RO feed
- Can be used on all types of pipes and tubing's surfaces
- Removes inorganic scale, metal oxides/hydroxides, and inorganic-based colloidal material.

## PROPERTIES

**Appearance:** Clear liquid with no characteristic odor

**Flash point :** Non flammable

**Specific gravity:** 1.25-1.30 gr/cc

**Non volatiles:**

**pH:** 1-2

**Solubility in water:** Total

**Chemical type:** Organic acid solution

**Storage stability:** Keep away from direct sun light and alkalis.

**Boiling point:** 215 °F

**Packaging:** 4 x 1 gallon Case  
12 x 1 quart Case

5 gallon pale  
55

- Properties are typical and subject to usual manufacturing tolerances.

**PRE TREATMENT CITRIC ACID** is an organic acid solution designed to neutralize alkaline feed in of RO systems and stabilize pH. **PRE TREATMENT CITRIC ACID** is ideal for removing inorganic scale and colloidal fouling.

To use: Firstly, analyze RO feed to identify which foulants exist. Next, remove biological fouling and organic colloids with FLOC 8323 to ensure optimal use of the **PRE TREATMENT CITRIC ACID**.

Then test 1ml of **PRE TREATMENT CITRIC ACID** in a 5 gallon container of RO feed water to obtain the required pH for the entire volume of feed. Conduct the cleaner recirculation and Rinsing procedures at low pressures to prevent foulants from permeating the RO membranes. Foulants will move away from the membrane surface into solution and out of the membrane element. Do not mix with other chemicals. Avoid eye contact and prolonged skin contact. Refer to the label and attached SDS for additional precautions. This information is aimed at creating a guide for the selection and use of the product. However, we are not responsible for any use not recommended by Chemtron.

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