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Doc No : PD-WT-ROC1600

Rev No : 0

Product : WATREAT

Product Code : WT - ROC1600

**PRODUCT DATA SHEET****1 INFORMATION**

WATREAT – ROC1600 RO Membrane Cleaner- Acidic

**2 DESCRIPTION**

WT-ROC1600 is a highly effective multipurpose cleaning chemical for RO membranes. It very effectively removes deposits including carbonate, silicate, sulphate, phosphate of Calcium, Barium, Strontium and Iron scales. WT-ROC1600 is to be regularly used to clean and preserve RO membrane form fouling & scaling. WT-ROC1600 can be used alone or in combination with WT-ROC1800 if membrane is fouled with colloidal biofilm, oil, organics and deposits and to improve the plant performance and enhance membrane life. WATREAT-ROC1600 is very effective and suitable for potable water systems.

**3 SALIENT FEATURES**

Effective on inorganic scale, safe to membrane surface.  
Suitable for elevated temperatures up to 50-55 DegC.  
Compatible with sea water, polyamide as the chlorine resistant membrane  
Removes carbonate, sulphates, silicate & foulant scale  
Removes metal oxide & hydroxyl deposits

**4 ANALYTICAL DATA**

|            |   |   |
|------------|---|---|
| Appearance | : | Clear colourless to pale yellow colour liquid |
| pH         | : | Acidic  |
| Density    | : | 1.0 to 1.2                                    |

**5 HANDLING INSTRUCTIONS**

Keep the container away from direct heat & sunlight. Keep the container closed when not in use. The product should not be swallowed and prolonged contact with the skin should be avoided. Should it come in contact with the eyes, flush with clean, cold water and get medical attention.

**6 RECOMMENDED DOSAGE**

WT-ROC1600 dosages depend on the severity of the membrane fouling and specific system parameter, Kindly refer RO Membrane manufacturer literature for specific product application. WT-ROC1600 is suitable for cleaning most RO membranes, although the pH should be adjusted for use on Cellulose Acetate membranes.

- 1.WT-ROC1600 is recommended to be used by dilution of 5 % to 8 % solution in a general cleaning process & maximum 20% solution for badly fouled system.
- 3.During cleaning, the flow rate should not exceed design limit. Also membrane cleaning should be carried out at low pressure < 60 psi.
- 4.Allow the membrane to soak in cleaning solution for minimum 60 minutes between recirculation. This procedure is to be repeated throughout cleaning process regularly.
- 5.While cleaning a multi stage plant, clean each stage individually. Flush pipe work, membrane and cleaning tank with chlorine free water between each cleaning and reflush the plant to peration.
6. Generally most of the cleaners temporarily affect the membrane support structure and it takes routine operation of 5-24 hrs to stabilize the parameters.