

# PERMAQUEST 0010S



## PRODUCT DESCRIPTION

PERMAQUEST 0010S is a multifunctional Antiscalant for R.O. systems highly effective in preventing calcium carbonate scale formation on membrane surfaces. PERMAQUEST 0010S is also highly effective in struvite dispersant and controlling calcium fluoride, Barium & Strontium sulfate, and metal oxides deposition.

**Issue Date:**  
15/10/2015

**Revision Date:**  
21/11/2023

## STORAGE AND HANDLING

Refer to SDS

|                  | Units             | BCI Specifications  | Test Methods |
|------------------|-------------------|---------------------|--------------|
| Appearance       | -                 | Clear yellow liquid | ASTM-E2680   |
| Specific gravity | g/cm <sup>3</sup> | 1.08 – 1.20         | ASTM-D891    |
| PH as supplied   | -                 | < 3                 | ASTM-D1293   |

## TREATMENT AND DOSAGE REQUIREMENTS

PERMAQUEST 0010S should be dosed continuously to the feed water at a rate proportional to flow. The optimum dosage rate will be determined by on site conditions aided, as necessary, by a predictive computer program. The optimum dosage rate for each specific application will be specified by SWTC.

PERMAQUEST 0010S may be dosed in its concentrated form direct from the drum or diluted with permeate water depending on actual application.

## PRODUCT BENEFITS

- Specific, highly effective Antiscalant.
- Minimizes fouling and reduces the frequency of membrane cleaning.
- Minimize or eliminate Acid dosing
- Compatibility approvals from membrane manufacturers; all product components certified to ANSI/NSF Standard 60 for use in R.O. systems producing potable water
- Nontoxic product.

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الصناعات الكيماوية الأساسية  
BASIC CHEMICAL INDUSTRIES

### HEAD OFFICE

P.O Box 1053, Dammam 31431, Saudi Arabia  
T: +966 13 821 7777 F: +966 13 847 26 48  
Email: Sales@cmdc.com.sa



### الفرع الرئيسي

ص.ب ١٠٥٣، الدمام ٣١٤٣١، المملكة العربية السعودية  
ت: +٩٦٦ ١٣ ٨٢١ ٧٧٧٧ ف: +٩٦٦ ١٣ ٨٤٧ ٢٦٤٨  
البريد الإلكتروني: Sales@cmdc.com.sa