



Certified to
NSF/ANSI/CAN 60

Technical Data Sheet

PERMAQUEST 0010E



PRODUCT DESCRIPTION & BENEFITS

PERMAQUEST 0010E is a multifunctional antiscalant for RO systems, specifically formulated to prevent calcium carbonate scale formation on membrane surfaces. It effectively controls calcium carbonate, calcium fluoride, and metal oxide deposition minimizing fouling and reducing membrane cleaning frequency.

TREATMENT AND DOSAGE REQUIREMENTS

PERMAQUEST 0010E 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 projection.

The optimum dosage rate for each specific application will be specified by BCI sales Engineer.

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

	Units	BCI Specifications	Test Methods
Appearance	-	Pale Yellow liquid	ASTM-E2680
Density	g/ml	1.150 - 1.300	ASTM-D1293
pH as supplied	-	10.5 - 12.0	ASTM-D891-18

All technical data stated in this TDS are based on our actual laboratory analysis.

ECOLOGY, HEALTH & SAFETY

For more information on the safe handling, storage, and disposal of chemical products, please refer to the most recent Safety Data Sheet (SDS).

APPLICATIONS

PERMAQUEST 0010E is used as scale inhibitor for reverse osmosis. Consult your BCI sales Engineer for specific recommendations.

AVAILABLE PACKAGING

- 25 L Jerrycan
- 1000 L IBC

STORAGE CONDITIONS

PERMAQUEST 0010E could be stored for 12 months from the date of production if stored properly in undamaged, unopened, and original sealed packaging.

DISCLAIMER

All sales by BCI, its subsidiaries, or affiliates "seller", are governed by the seller's standard terms and conditions of sale, available upon request unless otherwise agreed in writing. While information and recommendations regarding product application and end use are provided in good faith based on current knowledge and experience, the seller makes no warranty, express or implied, regarding merchantability, fitness for a particular purpose, or liability arising from use. Customers must evaluate the suitability of the product for their intended application, ensure compliance with third-party proprietary rights, and refer to the most recent product Datasheet, available on our site or upon request, for accurate guidance.

Version04: 10-30-2025

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@bci.sa



الفرع الرئيسي

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