

Take a big step forward in reverse osmosis.

Bulab® products are cost-effective solutions for water treatment problems common to RO systems. Our products are formulated to be used on both thin-film composite and cellulose-acetate membranes.

Scale inhibitors and dispersants

Buckman uses proprietary blends of phosphonates and polymer chemistries that are optimized to inhibit and disperse specific scales and foulants that can adversely affect your system.

Microbicides

A recognized leader in microbiological research and control, Buckman provides high-performance, oxidizing and nonoxidizing biocides to control microorganisms in your system.

Membrane cleaners

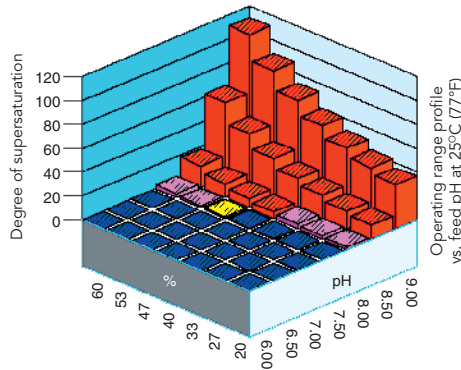
The Permeate Protection Program includes acidic and alkaline formulations designed to remove inorganic and organic foulants. The result is improved performance and longer element life for reduced operational costs.

Scale Inhibitors and Dispersants

Product	Components specificities	Primary scale and/or foulant
Bulab 8802	Concentrated phosphonate (NSF)	CaCO ₃
Bulab 8805	Phosphonate / proprietary polymer	CaCO ₃ , CaSO ₄ and silt
Bulab 8806	Proprietary phosphonate / polymer (NSF)	CaCO ₃ , CaSO ₄ , SrSO ₄ and silt
Bulab 8807	Proprietary phosphonate / polymer	Fe, Mn, Ca ₃ (PO ₄) ₂ and silt
Bulab 8808	Proprietary phosphonate / polymer (NSF)	SiO ₂ , MgSiO ₃ and Ca ₃ (PO ₄) ₂
Bulab 8809	Proprietary polymers (NSF)	Alum, BaSO ₄ , CaCO ₃ and CaSO ₄
Bulab 8812	Unique phosphonate (NSF)	CaCO ₃ , BaSO ₄ , soluble Fe and Mn
Bulab 8876	Phosphonates / proprietary dispersant	CaCO ₃ and organics

Untreated calcite

The intensifying reds in this graph show severe scaling tendencies.



Inhibitor / Dispersant Selection Guide

Bulab® Product	CaCO ₃	CaSO ₄	CaPO ₄	BaSO ₄	MgSiO ₂	SiO ₂	Soluble Fe	Insoluble Fe	Organics
Bulab 8802	+++				+		++		
Bulab 8805	+++	+++		++	++	+	+	+	
Bulab 8806	+++	+++		++	++	+	++	++	
Bulab 8807	++	++	+++	+	+	+	++	+++	
Bulab 8808	+++		+++		+++	+++	++	++	
Bulab 8809	+++	++		+++	++			++	
Bulab 8812	++	++		+++			+++		
Bulab 8876	+++	+		++			++		+++

Biocides

Product	Actives	Components specificities
Bulab 8861	DBNPA	Effective against sulfate-reducing bacteria and short contact time systems
Bulab 8862	Isothiazolin	Effective in a wide range of pH
Bulab 8863	Dithiocarbamate	Effective against sulfate-reducing bacteria
Oxamine®	Oxidant	No chlorine scavenger needed
Bulab 8871	Bisulfite	Chlorine scavenger

Cleaners

Product	Components specificities	Cleaning properties
Bulab 8853	Carbonate and iron	Dry acidic
Bulab 8854	Organics and inorganic colloids	Dry alkaline
Bulab 8855	Organics	Dry alkaline oxidizer
Bulab 8856	Organics and inorganic colloids	Concentrated alkaline
Bulab 8882	Effective on carbonate and sulfate scales	Acidic
Bulab 8884	Organics and inorganic colloids	Alkaline
Bulab 8885	Organics and inorganic colloids	Alkaline supplement
Bulab 8889	Carbonate and iron	Acidic

Learn more

To find out more, contact your Buckman representative, or visit buckman.com.

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Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE**. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. W833US-H (11/18)

Argentina +54 11 4701-6415; Australia +61 (2) 6923 5888; Belgium +32 9 257 92 11; Brasil +55 (19) 3864-5000; Chile +56-2 2946-1000; China +86-21 6921-0188; India +91 44-2648 0220
Indonesia +(62) 21-2988 8288; Japan +(81) 3 6202 1515; Korea +(82) 31-416 8991; Mexico +52 (777) 329 3740; Singapore +(65) 6891 9200; South Africa +27 (31) 736 8800; United States +1 (901) 278-0330

Global Headquarters at 1256 N. McLean Blvd., Memphis, TN 38108, USA