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PRESS RELEASE

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**FOR IMMEDIATE RELEASE**

## **Professional Water Technologies Develops Three New Membrane Products**

Professional Water Technologies (“PWT”) has developed three new membrane cleaners targeting the growing reverse osmosis (“RO”) and ultrafiltration/microfiltration (“UF/MF”) membrane markets.

“After over fifteen years of developing unique chemical technologies, PWT is proud to release three exciting new products to accommodate the growing RO, UF and MF global membrane markets,” says Stephen Dunham, PWT’s founder and H<sub>2</sub>O Innovation’s Vice-President, After-Market Sales and Maintenance Solutions. “These markets are expanding at an annual rate of 11% for RO and 8% for UF/MF. All three new cleaners represent the most advanced, economical and effective of our membrane cleaner product lines which account for approximately 10% of the revenues derived from the sales of services and consumable products of the Company.”

The *OptiClean™* line of powder membrane cleaners now includes *OptiClean™D*, which aims at removing inorganics, particularly iron and manganese, from RO, UF and MF membrane systems. “*OptiClean™D* is buffered to reduce pH fluctuation during cleanings and uses powerful chelating and detergency technology to aggressively remove inorganic foulants,” says Ryan Furukawa, PWT’s Technical Support Manager. “This product is a valuable new asset in PWT’s extensive line of membrane cleaners.”

In addition to *OptiClean™D*, PWT has developed two additional products for its *Lavaso™* line of liquid membrane cleaners. *Lavaso™VII* is a new high-performance alkaline liquid membrane cleaner designed to remove silt, metal precipitants, sugars, and other organics such as oils or greases from RO, UF and MF membrane systems. Similar to *OptiClean™D*, *Lavaso™VII* is a low-foaming formulation with advanced chelating properties. It is also buffered to maintain a consistent pH throughout the cleaning process.



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PWT is also releasing *Lavaso™ VIII*, a new alkaline liquid membrane cleaner designed to remove acid insoluble foulants from chlorine-tolerant MF/UF membranes such as those found in a variety of municipal and industrial applications. According to Jim Beckman, PWT's Product Development Engineer, "Foulants such as silt, colloids, organics, microbiological, mucilaginous material, and other acid-insoluble materials are detrimental to the performance of MF and UF membrane systems. The addition of *Lavaso™ VIII* accommodates the growing need to remove such foulants in these important markets."

### **About Professional Water Technologies**

Professional Water Technologies develops, manufactures and sells specialty chemicals for industrial and commercial reverse osmosis (RO) processes. With a complete line of RO pretreatment and maintenance products, comprehensive analytical and technical capabilities, and a progressive research and development group, PWT offers solutions to maximize the efficiency and economy of RO operations.

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