



# GOOD-RITE<sup>®</sup> K-700

## WATER TREATMENT POLYMER NEWS

The "GOOD-RITE<sup>®</sup> K-700 Water Treatment Polymer News" serves as a forum for providing information to our water treatment chemical (WTC) customers. You may view this newsletter and several previous issues using the web link noted below:

<http://www.noveoncoatings.com/products/americas/documents/watertreatment/waterTreatmentNews.asp>

### **Dr. Zahid Amjad Selected Water Technologist of the Year**

Noveon's Dr. Zahid Amjad, a senior research fellow, received the prestigious Ray Baum Memorial Water Technologist of the Year Award during the Association of Water Technologies' 2002 Water Technologies Convention and Exposition on September 20<sup>th</sup> in Orlando, Florida.

The award recognizes outstanding entrepreneurial spirit and contributions to the field of water treatment and particularly for service to the AWT and its members. Dr. Amjad has been a longtime friend of AWT, speaking at the annual convention and providing frequent contributions to *The Analyst*.

Dr. Amjad has spent the past 20 years with Noveon, Inc. in water soluble polymer research. Prior to that, he spent three years at Calgon Corporation in deposit control research.

During his distinguished career, Dr. Amjad has written more than 100 technical papers, edited five books and has been granted 29 United States patents. His research interests include application of water-soluble polymers, crystal growth and inhibition, and solid/liquid separation.

Dr. Amjad holds membership in several professional organizations, including NACE International and the American Chemical Society. He has been inducted into the National Hall of Corporate Inventors and is listed in both American Men and Women of Sciences and Who's Who of American Inventors.

AWT ([www.awt.org](http://www.awt.org), P/703-610-9012 or USA 800-858-6683, F/703-610-9005) is an international trade association representing nearly 600 regional companies that specialize in industrial and commercial water treatment for heating and cooling systems (boilers, cooling towers, etc). These companies may also specialize in wastewater treatment, potable water treatment, and other industry segments.

### **Sodium Polymethacrylate Specification Change**

In Jul-2002, Noveon modified Good-Rite<sup>®</sup> K-765 and K-766 polymethacrylates by decreasing the degree of NaOH neutralization. This modification provides our customers with more consistent products (e.g., tighter pH specifications - now pH 6.5 to 7.5) that have higher active solids levels (i.e., because the total solids levels remain the same but less NaOH is added).

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### **New Technical Papers**

During 2002, Noveon prepared, contributed to, and/or presented several technical papers pertaining to the use of deposit control additives in industrial water applications as noted below:

<u><b>Title and Sponsoring Organization/Event</b></u>	<u><b>Noveon Reference</b></u>
◆ "A New Look at Industrial Water System Fouling Caused by the Interaction of Anionic Deposit Control Agents and Cationic Water Treatment Chemicals," Paper No. 02401, CORROSION/02, NACE International, Houston, TX (2002).	COR-02-401
◆ "The Influence of Polymer Architecture on Inhibition of Amorphous Calcium Phosphate Precipitation," 4 <sup>th</sup> International Symposium on Inorganic Phosphate Materials, 10 to 13 July-02, University of Jena, Jena, Germany (2002).	ISIPM-02-01
◆ "Influence of Cationic Polymers on the Performance of Anionic Polymers as Precipitation Inhibitors for Calcium Phosphonates," 4 <sup>th</sup> International Symposium on Inorganic Phosphate Materials, 10 to 13 July-02, University of Jena, Jena, Germany (2002).	ISIPM-02-02
◆ "Precipitation and Crystal Growth of Calcium Carbonate in the Presence of Acrylic Acid Co-Polymers," Paper No. 267, 15 <sup>th</sup> International Symposium on Industrial Crystallization, Sep-02, Sorrento, Italy (2002).	ISIC-02-267
◆ "The Influence of Water Clarification Chemicals on Deposit Control Polymer Performance in Cooling Water Applications," Association of Water Technologies' Annual Convention, Sep-02, Orlando, FL (2002).	AWT-F-02
<p>Collectively, these technical papers provide valuable information and insights regarding the role and functionality of deposit control polymers as components of water treatment formulations. You may view electronic copies of these papers as well as several others by using the following web link:</p> <p><a href="http://www.noveoncoatings.com/products/americas/documents/watertreatment/waterTreatmentPapers.asp">http://www.noveoncoatings.com/products/americas/documents/watertreatment/waterTreatmentPapers.asp</a></p>	

Please contact your local Noveon sales office or sales representative with any questions or comments (see next page):

***Seasons Greetings and Best Wishes for the New Year!***

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### **Noveon Locations Outside the United States**

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Contact your local Noveon sales representative or office with any questions. The Noveon office locations in *italics* and underlined above are regional headquarters from which you can obtain the name of the GOOD-RITE K-700 polymer sales representative, distributor, or agent for your area. **Contact** the appropriate Noveon regional office: **Cleveland, OH, USA for the Americas; Brussels, Belgium for Europe, the Middle East, and Africa; or Hong Kong for the Asia-Pacific region.**

Help us stay in touch with you.

Please notify Noveon ([bob.zuhl@noveoninc.com](mailto:bob.zuhl@noveoninc.com)) of any changes in your address, telephone No., or FAX No.

