



# Good-Rite® K-700

## WATER TREATMENT POLYMER NEWS

The "Good-Rite® 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.noveon.com/products/dispersants\\_watertreatment/newsletters.asp](http://www.noveon.com/products/dispersants_watertreatment/newsletters.asp)

### New Technical Paper Available – Deposit Control Polymer Thermal Stability

A technical paper entitled "The Impact of Thermal Stability on the Performance of Polymeric Dispersants for Boiler Water Systems" (AWT-F-05) was presented by Noveon's Dr. Zahid Amjad at the Association of Water Technologies 2005 Annual Convention (Sep 21 to 24) in Palm Springs, CA. Noveon sought to assess the impact of thermal stability on polymer architecture and the performance of various commercial polymers as components of boiler water treatment programs. The thermal stability and performance of several homo-, co-, and terpolymers under simulated boiler water conditions was investigated.

The Noveon and competitive polymers evaluated included homopolymers, copolymers, and terpolymers. The results show that all polymers undergo some degradation (as determined by FT-IR and NMR analyses) under the conditions employed in the study. The polymer performance properties evaluated included iron oxide dispersion, calcium hydroxyapatite dispersion, calcium phosphate inhibition, and calcium-ion compatibility. Noveon's investigations clearly indicate that understanding system operating conditions and a deposit control polymer's thermal stability are important considerations when selecting boiler water treatment program components. Operating conditions such as boiler pressure (or temperature), residence time, pH, and polymer dosage should be part of the deposit control polymer selection criteria. Furthermore, the data show that the thermal stability and performance of Noveon's Good-Rite K-781 acrylate terpolymer (AA:SA:SS) to be superior competitive high performance polymers.

Noveon's electronic library of water treatment chemical technical papers including AWT-F-05 is growing and is available for viewing via the web link below (check it out!). We welcome your feedback.

[http://www.noveon.com/products/dispersants\\_watertreatment/techpapers.asp](http://www.noveon.com/products/dispersants_watertreatment/techpapers.asp)

### Noveon USA Sales Agent Selected as Supplier of the Year

ZIBEX, Inc. received the inaugural *Supplier of the Year Award* during the AWT 2005 Water Technologies Convention and Exposition. ZIBEX president, John F. Zibrida accepted the award on Sep 23<sup>rd</sup> in Palm Springs, CA. The AWT's evaluation criteria for this award included on-time delivery, customer service, accuracy of estimates, staff availability, knowledgeability, and overall satisfaction.

ZIBEX specializes in water treatment industry (WTI) technology and products. ZIBEX' principals have over 50 yr of industry experience including operations, engineering, environmental, R&D, sales, and marketing. Mr. Zibrida (founder) has over 25 yr of WTI related experience (13 yr @ AMAX [Climax Molybdenum Co.], 5 yr @ BFGoodrich Performance Materials [now Noveon, Inc.], and 6 yr @ ZIBEX). Mr. Zibrida holds several patents, has published and/or presented many technical papers, and has extensive work experience in corrosion and deposit control. Mr. Zibrida is a member of ACS, AMTA, AWT, CTI, NACE International, and WEF.

Congratulations to John and his business associates including Gayle Gutierrez and Joan Foster!

### myNoveon.com – 24/7 Access

Noveon customers can establish an electronic account to enter orders, track order status, and print documents (e.g., MSDSs, COAs). Please visit [www.myNoveon.com](http://www.myNoveon.com) to register. Contact your Noveon customer service or sales representative (noted below) with any questions.

## Updated Product Literature Available – Silica Control Technology

During the last year, Noveon updated several product data sheets and technical bulletins pertaining to the Good-Rite K-700 polymers and their use. The most notable of these is an expanded “*Good-Rite K-XP212 Copolymer*” bulletin (GRKXP212-WT) that is available via either of the links below. The GRKXP212-WT bulletin now contains comparative performance data for more products as well as thermal stability data.

<http://www.noveon.com/TechnicalDataSheets/GRKXP212-wt.pdf>

<http://www.noveonsolutions.com> (see “... On-Line Product Literature”)

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

Please contact your local Noveon sales office or sales representative with any questions or comments.



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[http://www.noveon.com/products/dispersants\\_waterreatment/](http://www.noveon.com/products/dispersants_waterreatment/)

or <http://www.noveonsolutions.com>

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# USA manufacturer's representative for Noveon's Good-Rite K-700 Polymers

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\*\* **Creative Performance Chemicals, Inc.**, 18760 East Amar Road, Suite 170, Walnut, CA 91789

### Noveon Locations and Distributors Outside the United States

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Contact your local Noveon sales representative or office with any questions. You can obtain the name of the Good-Rite K-700 polymer sales representative, distributor, or agent for your area by contacting Noveon's regional office (**Cleveland, OH, USA for the Americas; Barcelona, Spain for Europe, the Middle East, and Africa; or Hong Kong for the Asia-Pacific region**) for your location.

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