



# GOOD-RITE® K-700

## WATER TREATMENT POLYMER NEWS

The BFGoodrich Company's "GOOD-RITE® K-700 Water Treatment Polymer News" serves as a forum for providing information to our water treatment chemical (WTC) customers.

### New Technical Papers

BFG previously reported that the performance of deposit control polymers (DCPs) as components of water treatment formulations is affected by various factors including pH, temperature, metal ions, suspended solids, and flocculating agents. As a continuation of this research, we recently investigated the influence of various commonly used biocides on DCP efficacy under cooling water conditions. Our findings are documented in a paper entitled "The Effect of Biocides on Deposit Control Polymer Performance" (**AWT-F-00**) that was presented at the Association of Water Technologies' 2000 Conference in Honolulu, HI (Oct 31 to Nov 4). Salient points from this paper that quantifies the effect of biocides on DPC performance and provides guidance for optimizing water treatment programs include:

- The performance of a DCP as a calcium phosphate (Ca/P) inhibitor is strongly dependent upon the polymer architecture. A high performance terpolymer (i.e., GOOD-RITE K-798) outperforms the other DCPs tested.
- Oxidizing biocides (i.e., chlorine and bromochlorine) and the non-oxidizing biocides without a charge group had minimal effect on the performance of Ca/P inhibiting DCPs.
- Among the non-oxidizing biocides with a positive ionic charge, the quaternary ammonium-chloride biocides (Quats) caused significant decrease in DCP performance (both Ca/P inhibition and iron oxide dispersion).

Other BFG technical papers recently published in *UltraPure Water* magazine include:

- "Factors to Consider in Selecting a Dispersant for Treating Industrial Water Systems" (**UPW-Sep-99**)
- "Controlling Metal Ion Fouling in Industrial Water Systems" (**UPW-Apr-00**)
- "Controlling of Calcium Fluoride Scaling in Industrial Water Systems" (**UPW-Nov-00**)

Contact BFG via E-mail (see below) to obtain copies of the papers noted above.

### BFG's Specialty Chemicals Business Will Have a New Owner and a New Name

In Apr-00, The BFGoodrich Company announced that it would divest its \$1.2 billion Performance Materials (PM) or global specialty chemicals segment and focus on aerospace and engineered industrial products. On 29-Nov-00, BFG announced a definitive agreement with an investment group led by AEA Investors, Inc. to acquire (by the end of Feb-01) the PM businesses. The investors intend to utilize PM as a platform for future investment in the chemicals industry. The current management team will remain in place and PM will operate autonomously. This new relationship brings a new focus and confidence in PM's capabilities to serve our customers. In the coming months, PM will be transitioning towards a new image and a new name.

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# BFGoodrich

**Packaging Change for GOOD-RITE K-700 Polymers Supplied as Powders**

During 2000, BFG decreased the number of bags per pallet from 50 to 40 (thus, a full pallet is now 40 bags or 2,000 lb) and we are transitioning from a pillow style bag to a dimensional bag. Both these changes improve product handling.

**Water Treatment Industry Loses Veteran**

Irwin Treibitz (the founder and president of Creative Performance Chemicals – manufacturer's representative for BFG) died of a heart attack at age 65 on Oct. 5, 2000 in southern California. Treibitz' experience and personality will be missed. However, CPChem will continue operation under the leadership of Miles Martin.

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

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Please contact your local BFGoodrich sales office or sales representative with any questions or comments:

**BFGoodrich Performance Materials**

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U.S.A. Customer Service	Cleveland, OH	1-800-380-5397	216-447-6315
International Customer Service	Cleveland, OH	216-447-6248	216-447-6144
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U.S.A. Sales / East Coast & Midwest *	Atlanta, GA	770-417-1426	770-417-1429
U.S.A. Sales / West Coast **	Los Angeles, CA	909-869-1186	909-869-1190

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\*\* Creative Performance Chemicals (Manufacturer's Representative), 378 Paseo Sonrisa, Walnut, CA 91789

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Contact your local BFGoodrich sales office with any questions. The BFGoodrich 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 BFGoodrich regional office: **Cleveland, OH, USA for the Americas; Barcelona, Spain for Europe and the Middle East; or Hong Kong for the Asia-Pacific region.**

Help us stay in touch with you.

Please notify BFGoodrich ([zuhlr@brk.bfg.com](mailto:zuhlr@brk.bfg.com)) of any changes in your address, telephone No., or FAX No.

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