



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.noveoncoatings.com/products/americas/documents/watertreatment/waterTreatmentNews.asp>

New Technical Paper and Additional Technical Papers Now Available on Website

During 2003, Noveon prepared and presented (at the Association of Water Technologies 2003 Annual Convention in Phoenix, AZ) a technical paper entitled "**Factors Influencing the Precipitation of Calcium-Inhibitor Salts in Industrial Water Systems**" (AWT-F-03). This paper examines the effects of inhibitor type and water chemistry parameters (e.g., pH, total dissolved solids, metal ion type and concentration, temperature, etc.) on the precipitation of calcium-inhibitor salts. Several analytical techniques were used to characterize and evaluate calcium-inhibitor salts. The AWT-F-03 technical paper as well as Noveon's growing electronic library of our historical water treatment chemical technical papers are available for viewing via the following web link below (check it out!). We welcome your feedback.

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

New and/or Updated Product Literature Available

During 2003, Noveon created and/or updated many product data sheets and technical bulletins pertaining to the Good-Rite K-700 polymers including:

- Updated product family technical data sheets for "**GRK7028 and GRK7058 series water polymerized polyacrylates**" (GRK700-Water-Polymerized-PAAAs), "**GRK732 and GRK752 series solvent polymerized polyacrylates**" (GRK700-Solvent-Polymerized-PAAAs), "**GRK765 and GRK766 sodium polymethacrylates**" (GRK700-NaPMAAs), "**GRK775 and GRK776 acrylate copolymers**" (GRK700-AASA-Copolymers), and "**GRK781, GRK797, and GRK798 acrylate terpolymers**" (GRK700-AASASS-Terpolymers).
- Expanded product bulletin for "**Good-Rite K-XP212 acrylate copolymer**" (patented copolymer blend that was developed specifically as a scale and deposit control agent for use in the treatment of industrial water systems [e.g., cooling, boiler, reverse osmosis, geothermal] where silica and/or silicate fouling is a primary concern) [GRKXP212-WT(9-03)].
- "**Packaging, Handling, and Storage of GOOD-RITE[®] K-700 Polyacrylates**" [GRK700-PAAPHS (8-03)].
- Created a new technical data sheet addressing "**Good-Rite K-700 Polymers - Shelf Life, Lot Numbering System, and Certificates of Analysis**" [GRK700-PSI (8-03)]
- Created electronic (pdf file versions) of technical data sheets addressing "**product use considerations**" for GRK775, GRK781, GRK797, GRK797D, and GRK798.

(Continued on next page)

noveon

Good-Rite K-781 Acrylate Terpolymer Specification Change

Noveon periodically reviews and compares our product specifications and manufacturing process capabilities for our products. In Aug-03, Noveon modified and narrowed the viscosity and acid number specifications for Good-Rite K-781 acrylate terpolymer.

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

Seasons Greetings and Best Wishes for the New Year!

Noveon, Inc., 9911 Brecksville Road, **Cleveland, Ohio** 44141-3247 **USA**.

<http://www.noveoncoatings.com/products/americas/specialtyMarkets.asp>

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

Responsibility	Location	E-mail Address	Phone No.	FAX No.
USA. Customer Service	Cleveland, OH	--	800-380-5397	216-447-6315
International Customer Service	Cleveland, OH	kris.willings@noveoninc.com	216-447-6248	216-447-6144
Marketing & Technical Service	Cleveland, OH	bob.zuhl@noveoninc.com	216-447-7584	216-447-5770
USA Sales & Tech. Service / East Coast & Midwest #,*	Atlanta, GA	zibexinc@cs.com or jfzibrida@cs.com	770-417-1426	770-417-1429
USA Sales & Tech. Service / West Coast #,**	Los Angeles, CA	cpchem@aol.com	909-869-1186	909-869-5840

USA manufacturer's representative for Noveon's GOOD-RITE K-700 Polymers

* ZIBEX, Inc., P.O. Box 3009, Duluth, GA 30096

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

Noveon Locations Outside the United States

Noveon Europe B.V.B.A. (Europe, Middle East, Africa) Camino de Can Caldes, 13/17 P.O. Box 104, 08190 Sant Cugat del Valles Barcelona, Spain P/34-93-590-2929, F/34-93-590-2900 Ester Salvador < ester.salvador@noveon.com >	Noveon Asia Pacific Ltd. (Asia Pacific) 1107-1110 Shui On Centre 6-8 Harbour Road, Wan Chai Sheung Wan, Hong Kong P/852-2508-1021, F/852-2512-2241 Laura Wong < laura.wong@noveoninc.com >
Noveon Canada Inc. 100 Regina Street S., Suite 360 Waterloo, Ontario, Canada N2J 4P9 P/519-888-3330, F/519-888-3337 Carol Meagher < carol.meagher@noveoninc.com >	Noveon de Mexico, S.A. de C.V. Av. Interceptor Pte. #69. Parque Industrial 'La Joya' Cuautitlán Izcalli 54730 Edo, de México P/525-55-3067-0886, F/525-55-5870-8957 Elias Reyes < elias.reyes@noveoninc.com >

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@noveoninc.com> of any changes in your address, telephone No., or FAX No.

noveon