

**Lubrizol**

Carbosperse™ K-700

Water Treatment Polymer News

Since 1994, the “*Carbosperse™ K-700 Water Treatment Polymer News*” has served as a means to provide timely information to Lubrizol’s water treatment chemical (WTC) customers. You may view this newsletter and several previous issues at the web site noted below:

www.carbosperse.com see “Newsletters”

SAP Implementation.

As reported in Dec-07, Lubrizol has continued implementing SAP as our enterprise resource planning system as well as a set of standardized business processes. The Lubrizol Advanced Materials (LZAM) North America SAP go-live date was 2-Jun-08. While we have more work to do, the SAP capability will enable Lubrizol to improve planning, scheduling, tracking production and distribution of our products, thereby streamlining our supply chain (e.g., material requisitions) and integrating activities with customer orders. LZAM implementation process is moving forward in Europe to be followed by Asia and Latin America. Our number one priority is continuing to make it easy to do business with Lubrizol.

Technical Papers and Articles.

The “Carbosperse K-700 Polymers: Intermediate Water Treatment Chemicals” section of the www.carbosperse.com web site has several additions and/or modifications including those highlighted below:

- ❖ The text and graphics in the paper entitled “**The Proper Use of Modern Polymer Technology in Cooling Water Programs**” (AWT-F-90) have been updated.
- ❖ NACE International’s *Materials Performance* Feb & Mar-2008 issues published Parts I & II of an article entitled “**Heat Treatment on Synthetic Polymers as Calcium Carbonate Inhibitors**” (MP-V47-02 & MP-V47-03, respectively) as a condensed version of LZAM’ NACE Corrosion/2007 paper (NACE-07056). The data in this article (and paper) show that heat treatment of polymers has varying effects on the inhibitory power of polymers.
- ❖ “**An Evaluation of Silica Scale Control Additives for Industrial Water Systems**” (NACE-08368) was presented at NACE International’s Corrosion/2008 in New Orleans, LA. The data in this paper show that effective polymer dosage requirements are significantly impacted by silica supersaturation levels.
- ❖ A paper entitled “**Laboratory Evaluation of Process Variables Impacting the Performance of Silica Control Agents in Industrial Water Treatment Programs**” (AWT-2008) was presented at AWT’s Annual Convention in Austin, TX. The paper presents performance data for a new developmental copolymer that exhibits significant improvement over existing inhibitor technology especially at low dosages.

Electronic copies of the technical papers and articles noted above as well as many others may be viewed at www.carbosperse.com.

New and/or Updated Product Literature.

- ❖ Concurrent with SAP implementation, LZAM is using a new system for preparing product **MSDSs*** resulting in some format and information difference from the past. Customer feedback (preferably via E-mail) would be appreciated in the way of letting us know of any issues.
- ❖ LZAM commissioned a contract laboratory to conducted testing of a representative Carbosperse K-700 polymer supplied as powdered sodium salt to determine the explosion severity for a potentially combustible dust. The test results and conclusions are contained in product bulletin entitled **“Carbosperse K-700 Polymers Supplied as Powdered Sodium Salts.”***
- ❖ A new product bulletin entitled **“Carbosperse™ K-700 Polymer Complexation Values & Acid Numbers”*** contains these data as well as several other key properties for select Carbosperse K-700 polymers.

* Available upon request.

Seasons Greetings and Best Wishes for the New Year!

Please contact your local Lubrizol sales representative or office with any questions or comments. You can obtain the name of the Carbosperse K-700 polymer sales representative, distributor, or agent for your area by contacting LZAM' regional office (see below) for your location.

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USA East Coast & Midwest Sales Agent	USA West Coast Sales Agent
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