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NEWS RELEASE

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Gelest Publishes New Cross-Coupling Reagents Brochure Data Draws Interest of Chemists

MORRISVILLE, PA (December , 2008) Gelest Inc. announces the publication of a new 36-page brochure, "Silicon-Based Cross-Coupling Reagents." The brochure provides a discussion of cross-coupling reactions, a recently introduced synthetic method for carbon-carbon bond formation. Over 100 references are cited, including key reviews on the formation of styrene, diene and enyne derivatives and Heck coupling/cross-coupling cascade reaction sequences.

The formation of carbon-carbon bonds through the cross-coupling of an organic halide or pseudohalide with an organometallic reagent has drawn the attention of synthetic organic chemists, according to Gerald L. Larson, Gelest's Vice President for Research and Development. "These reactions represent enhanced flexibility for the formation of the carbon-carbon bond along with good functional group tolerance," said Dr. Larson. "Among these cross-coupling reactions is the Hiyama reaction, which employs an organosilane as the organometallic partner in the cross-coupling reaction."

The brochure describes the use of organosilanes as reactants in these cross-coupling reactions and provides a list of over 100 products available from Gelest with information on their use for this application. Many of these compounds are new additions to their product line. The silicon-based products provide a non-toxic, easily handled, economic alternative to the commonly employed tin and boron cross-coupling derivatives.

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For more information about Gelest's silicon-based cross-coupling agent offerings or to receive a copy of their new brochure, please call 215-547-1015, or send an email to info@gelest.com. To download a digital copy of the brochure, please visit the Gelest website at www.gelest.com

Company Information

Gelest, Inc., headquartered in Morrisville, PA, is recognized worldwide as an innovator, manufacturer and supplier of commercial and research quantities of over 2,800 organosilicon compounds, metal-organic compounds and silicones. Gelest serves advanced technology markets through a materials science driven approach. The company provides focused technical development and application support for semiconductors, optical materials, pharmaceutical synthesis, diagnostics and separation science, and specialty polymeric materials.

Gelest – “Enabling Your Technology”