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NEWS RELEASE

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GELEST OFFERS TECHNICAL GUIDE FOR BIOSAFE® ORGANOSILANE ANTIMICROBIAL TECHNOLOGY

MORRISVILLE, Pa. (July 31, 2014) - Gelest, Inc. announces the release of its “Technical Guide for Performance and Regulatory Compliance of BIOSAFE® Organosilane Antimicrobials.” The Technical Guide addresses the comparative efficacy of BIOSAFE antimicrobials vs. other antimicrobial technologies, applications, US EPA/FIFRA compliance, and additional information supporting BIOSAFE antimicrobial as a safe and effective mode of controlling microorganisms.

Microbes are problematic in many industries including textiles for activewear, products for sports and leisure, architectural paints and coatings, and HVAC systems for IAQ (indoor environmental quality). Silicon-based antimicrobials perform differently than traditional antimicrobials. Most antimicrobials poison cells by being metabolized by the cell. Silicon-based, BIOSAFE antimicrobial imparts bacteriostatic, fungistatic and algistatic properties and binds to substrates with silanol reactivity, assembling on surfaces into a layer of densely packed molecules with a strong positive charge. This positive charge, along with its C₁₈ chains, physically ruptures the cell wall, causing cell lysis, and nothing is transferred or absorbed.

To obtain a copy of Gelest's technical guide, "Biosafe® Organosilane Antimicrobials," or to engage in discussions to explore solutions for your new product development initiatives using the BIOSAFE technology, please contact: Donald Wagner, Technical Marketing Manager, dwagner@biosafe.com or by phone at 215-547-1015 x 506.

About Gelest

Gelest, Inc., headquartered in Morrisville, Pennsylvania, is recognized worldwide as an innovator, manufacturer and supplier of commercial and research quantities of 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."

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Gelest, Inc.
Enabling your Technology

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