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NEWS RELEASE

Client: Gelest
For Immediate Release

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Gelest, Inc. Increases Germane (GeH₄) Capacity To Meet Global Demand

MORRISVILLE, Pa. (May 16, 2016) – Gelest, Inc. announced today it has expanded its Germane (GeH₄) manufacturing capacity to meet the increased global demand of the semiconductor industry. Gelest expanded its Germane (GeH₄) plant in Morrisville, Pa., in an effort to increase capacity by more than 500%. The new capacity is expected to be fully operational by the third quarter of 2016.

Gelest sees increase in demand for Germane (GeH₄) as a result of continued growth of mobile devices (heterojunction bipolar transistors) and high speed logic (strained silicon), along with expected modest growth in high performance photovoltaics (tandem junction). There is significant growing interest in current and proposed technologies associated with epitaxy, CVD, ALD and GLAD processes.

Gelest recently received a process patent approval in the United States and other parts of the world, “Method for Producing High Purity Germane by a Continuous or Semi-Continuous Process.” The process enables more efficient and cost-effective Germane (GeH₄) manufacture to reduce the overall production cost by as much as 20% to 25%. In addition to boosting production capacity in its U.S. facility, Gelest is engaged in

discussions with licensing partners to embark on the installation of multiple Germane (GeH₄) production plants throughout Asia.

About Gelest – www.gelest.com

Gelest, Inc., headquartered in Morrisville, Pennsylvania, a leading manufacturer and independent producer of specialty materials for the semiconductor industry for over 25 years, 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, medical 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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