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For Immediate Release

Gelest Launches Unique Hybrid Fluid Based on Cannabidiol (CBD)

Vertasil[®] TM-CBD1 improves solubility with CBD in cosmetic ingredients, including silicones.

Gelest, Inc.

MORRISVILLE, Pa., Feb. 24, 2021 – Gelest, Inc. introduces Vertasil[®] TM-CBD1, a novel CBD hybrid fluid that that will increase formulation opportunities for personal care.

“We specifically designed this patented molecule to extend solubility parameters and improve the compatibility of CBD with a wider range of materials without compromising CBD activity or benefits,” said Daria Long, Gelest Vice President and General Manager, Personal Care. “The emollience of this modified CBD combined with the ability to form thin films enables distribution over skin and hair, providing effective treatments at extremely low concentrations.”

“Vertasil[®] TM-CBD1 - the trisiloxane functionalized cannabidiol isolate – can be easily incorporated into silicone gel matrices such as polydimethylsiloxane (PDMS) and other primarily silicone-based formulations,” Long added. “In fact, Vertasil[®] TM-CBD1 is the only ingredient that enables the delivery of Canabidiol from PDMS gels.” As an added benefit, it offers the potential for controlled release of CBD.

The newest product in Gelest’s Vertasil[®] line of siloxane “tipped” natural products, Vertasil[®] TM-CBD1 provides the lubricity and softness of a silicone oil without the greasiness of natural oils. Uniquely compatible with silicones in addition to natural oils, hydrocarbons, esters, glycols and silicone derivatives, Vertasil[®] TM-CBD1 is targeted for use in silicone serums and oils; silicone, scar treatment and stretchmark patches; and face and eye treatment masks. The ability of this hybrid fluid to generate effect at low concentrations offers economic advantages compared to pure CBD.

For more information or to obtain a Vertasil[®] TM-CBD1 sample, contact Daria Long or Brett Ferguson at 215-547-1015.

About Gelest:

Gelest, headquartered in Morrisville, Pennsylvania, is an innovator, manufacturer, and supplier of silicones, organosilanes, metal-organics, and specialty monomers for advanced technology end markets including medical devices, life sciences, microelectronics, and personal care. As a subsidiary of Mitsubishi Chemical Corporation, Gelest has access to the expertise, research and development

support, and resources of one of the world's largest and most successful chemical companies. Gelest, Inc. helps customers succeed by assisting them to develop and supply the chemistry to solve their most challenging materials science problems and to enable their new product technology. For more information, please visit www.gelest.com.

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