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Press Release

MOR Supercritical begins construction on next-generation supercritical fluid extraction plant

Allentown, PA, January 31, 2009: MOR Supercritical, LLC, a technology and services company based in Allentown, Pennsylvania, has commenced construction on a state-of-the-art plant that will showcase the company's breakthrough supercritical fluid extraction technology for low-cost, high-volume commodity products. The 15 tonne-per-day plant will be located in the Lehigh Valley of Pennsylvania, and MOR expects to complete construction in the third quarter of 2009. The plant will also be operated as a toll processing facility for nutraceuticals and other specialty products. MOR is currently contracting for capacity at the plant, which will have the flexibility and advanced capabilities to produce a range of high-concentration extracts.

The plant will provide scale-up data for MOR's first commercial plants, which they plan to offer in initial volumes of up to 300 tonnes per day. The countercurrent, automated feed design will use several proprietary technologies to achieve highly efficient extractions, and is expected to use less energy and require less capital than conventional pre-press/organic solvent extraction for high-oil oilseeds. The process is also capable of producing a new class of solvent-free, human food-grade defatted meals with low residual oils, and the gentle process results in high levels of digestible protein. The system is also capable of fractionating oils, which could replace conventional refining steps. MOR is currently seeking development partners for future projects.

About MOR Supercritical

MOR Supercritical, LLC, a technology and services firm based in Allentown, Pennsylvania, specializes in efficient, low-cost supercritical processing systems for commodity oilseeds and renewable fuels industries. MOR's technology incorporates proprietary designs and state-of-the-art equipment to use supercritical CO₂ as a clean and efficient extraction method for commodities. With

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their design breakthroughs, MOR has opened the door to using CO₂, which is natural, benign and low-cost, as a “green” replacement for hexane.

MOR is also developing supercritical systems for a number of “advanced biofuel” applications, including oil extraction from algae for both biodiesel and nutraceutical production, ethanol dehydration (as a low-energy replacement for steam distillation), and a supercritical transesterification process. MOR works with a number of leading companies on grant and pilot projects for next-generation cellulosic ethanol, algae-to-fuel, and advanced biodiesel, and is currently seeking additional project and technology partners.

MOR team of managers, engineers and scientists have extensive experience in commercial supercritical process development, equipment and plant design, and operations. For the past several decades, members of the MOR technical and marketing staff have worked around the world developing supercritical fluid applications for over 30 multinational companies in a diverse range of fields including food, flavor and fragrance, microelectronics, metal fabrication, automotive, chemical, pharmaceutical, nutraceutical, biotechnology, and environmental. MOR Supercritical is a partner affiliate of MOR Technology, LLC, a provider of advanced, sustainable processing systems for the ethanol industry.

To learn more, call (618) 522-8327 or visit: www.morsupercritical.com. ###