



## PRESS RELEASE

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### **E-FUEL INTRODUCES MICROFUSION™ REACTOR**

*Disruptive technology makes possible to process all organic biomass into ethanol fuel*

**Los Gatos, CA, September 14, 2010** – In 2009 E-Fuel unveiled the production MicroFueller™ on the steps of the California State Capitol in Sacramento, California. On hand was Governor Arnold Schwarzenegger to usher in the organic fuel era. Today, E-Fuel is pleased to announce its latest innovation, the E-Fuel MicroFusion Reactor, a disruptive technology which empowers users to process all forms of cellulosic waste into sugar water, the key ingredient for ethanol fuel. The E-Fuel MicroFusion Reactor makes available the virtually limitless supply of cellulosic waste materials as a suitable, renewable candidate for ethanol fuel production. Annually in the United States alone almost 1 billion tons of organic waste material is available for processing by the MicroFusion Reactor into 100 billion gallons of fuel at little or no cost. Converting this waste into fuel reduces the burden on landfills where most waste is currently destined and the detrimental effects on the environment.

The MicroFusion Reactor operates as a continuous process. Every 2 minutes the cellulosic material in the reactor chamber is completely processed and ready for fuel processing. The method of wood hydrolysis dissolves any wood or other cellulosic agricultural material in a manner that is residue free. Waste output is completely eliminated. The waste output is comprised of: (1) sugar water and (2) lignin powder. The sugar water is fermented by the MicroFueller into ethanol. The lignin is a valuable substance used in the pharmaceutical industry as an ingredient in various cancer fighting drugs among other things. The reactor eliminates the costs and complexities associated with commercial gasification, aerobic digester, enzyme and acid pre-processing of cellulosic material typically used in traditional

ethanol fermentation processes. According to Tom Quinn (E-Fuel CEO), "The MicroFusion Reactor is a major breakthrough in the world's quest to rid itself from fossil fuels. What used to take the commercial industry days to accomplish can now be safely done in minutes by typical consumers".

With the E-Fuel MicroFusion Reactor, ethanol production costs can be as low as \$0.56/gallon when combined with the energy saving effects of the MicroFueeler and GridBuster™, the world's first wet ethanol powered generator developed by E-Fuel with a revolutionary heat recovery feature.

Markets for the E-Fuel MicroFusion Reactor include home users, commercial garbage disposal sites, country clubs, educational institutions, correctional facilities, and wherever significant cellulosic waste accumulates. Public demonstration of the MicroFusion Reactor is planned for 90-days after closing of E-Fuel's Series A financing round currently in the final stages.

E-Fuel products may be purchased from E-Fuel's network of authorized distributors worldwide or by contacting E-Fuel directly at [sales@efuel100.com](mailto:sales@efuel100.com). The MicroFusion Reactor will also be marketed through waste disposal companies.

### **About E-Fuel**

The E-Fuel Corporation was founded in March 2007 by Tom Quinn and ethanol scientist Floyd Butterfield to create efficient micro ethanol refinery products for people who want to break their dependency on oil. As chairman of E-Fuel, a privately held company, Quinn has solely funded the company and is instrumental in both corporate leadership and product development.

With more than 30 people employed in Los Gatos and Paso Robles, California and China, the employees of E-Fuel represent some of the top United States ethanol researchers and proven Silicon Valley professionals who draw upon diverse expertise in the ethanol, electronics, automotive and software industries.

E-Fuel creates ethanol micro refinery products that conform to U.S. safety and durability standards and include modern safety features. E-Fuel products are available for purchase online and through a network of worldwide resellers. For more information, visit [www.microfueeler.com](http://www.microfueeler.com)

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