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## News Release

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*For Immediate Release*

### **UOP TO DEVELOP SECOND-GENERATION BIOFEEDSTOCK TECHNOLOGY UNDER U.S. DEPARTMENT OF ENERGY AWARD**

*UOP and partners will develop technology to improve the stability of pyrolysis oil to ensure its viability as a source for power and transportation fuels*

DES PLAINES, Ill., Oct. 28, 2008 -- UOP LLC, a Honeywell (**NYSE: HON**) company, announced today that it was awarded a \$1.5 million grant from the U.S. Department of Energy (DOE) to develop economically viable technology to stabilize pyrolysis oil from second generation biomass feedstocks for use as a renewable fuel source.

Biomass pyrolysis oil is made from second-generation feedstocks like the residuals from agricultural and forestry industries or wood-based construction and demolition materials. The oil can be combusted in industrial burners and furnaces for power and heating or further refined into transportation fuels such as gasoline, diesel and jet fuel. However, the oil is corrosive and unstable, making it difficult to store and transport.

UOP and its partners, using funding from the DOE's National Biofuels Action Plan, will work to modify the composition of biomass pyrolysis oil to solve those issues.

"The development of second-generation biofeedstock conversion technology is critical for biofuels to support our growing energy needs," said Jennifer Holmgren, general manager for UOP's Renewable Energy and Chemicals business. "Finding a cost-effective solution will ensure that pyrolysis oil is a viable renewable source for power and transportation fuels."

UOP will work with Ensyn Corp., the National Renewable Energy Laboratory (NREL), the Pacific Northwest National Laboratory (PNNL), Pall Corp. and the Crop Conversion Science and Technology Research Unit of the U.S. Department of Agriculture's Agriculture Research Service on the project. It is expected to be completed by the end of 2010.

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Biomass pyrolysis oil is a greenhouse-gas-neutral, renewable resource that is produced when biomass is rapidly heated in the absence of oxygen. The oil is acidic and its viscosity increases over time making the substance unstable, which limits storage and transportation options, as well as its compatibility with some industrial equipment.

UOP has formed a joint venture with Ensyn to offer technology and equipment to convert second generation biomass like residuals from the agricultural and forestry sector as well as woody-based construction and demolition materials into pyrolysis oil for power generation and heating fuel. The joint venture will also accelerate research and development efforts to commercialize next-generation technology to refine the bio-oil into transport fuels such as green gasoline, green diesel and green jet fuel.

UOP, a recognized leader in refining process technologies, launched its Renewable Energy & Chemicals business in late 2006. Since then, UOP has commercialized the UOP/Eni Ecofining™ process to produce green diesel fuel from biological feedstocks and has also developed process technology to produce renewable jet fuel. UOP has ongoing research efforts in biofuels, with specific focus on second generation feedstocks working with organizations like the US Department of Energy (DOE) and DOE's National Renewable Energy Lab and Pacific Northwest National Lab.

UOP LLC, headquartered in Des Plaines, Illinois, USA, is a leading international supplier and licensor of process technology, catalysts, adsorbents, process plants, and consulting services to the petroleum refining, petrochemical, and gas processing industries. UOP is a wholly-owned subsidiary of Honeywell International, Inc. and is part of Honeywell's Specialty Materials strategic business group. For more information, go to [www.uop.com](http://www.uop.com).

Honeywell International is a \$38 billion diversified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; automotive products; turbochargers; and specialty materials. Based in Morris Township, N.J., Honeywell's shares are traded on the New York, London and Chicago Stock Exchanges. For additional information, please visit [www.honeywell.com](http://www.honeywell.com).

This release contains "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of fact, that address activities, events or developments that we or our management intend, expect, project, believe or anticipate will or may occur in the future are forward-looking statements. Forward-looking statements are based on management's assumptions and assessments in light of past experience and trends, current conditions, expected future developments and other relevant factors. They are not guarantees of future performance, and actual results, developments and business decisions may differ from those envisaged by our forward-looking statements. Our forward-looking statements are also subject to risks and uncertainties, which can affect our performance in both the near- and long-term. We identify the principal risks and uncertainties that affect our performance in our Form 10-K and other filings with the Securities and Exchange Commission.

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