

October 8, 2013

## **Ashland Specialty Ingredients opens new battery testing laboratory in Delaware to support lithium-ion battery customers**

WILMINGTON, Del. – Ashland Specialty Ingredients, a commercial unit of Ashland Inc. (NYSE: ASH), today announced the opening of a new battery testing laboratory in Wilmington, Delaware. The facility will serve as Ashland's a technology development and support center for lithium-ion battery customers and joins Ashland's worldwide network of research and development (R&D) and technical centers.

The new laboratory is outfitted with state-of-the-art equipment used to conduct standard testing protocols that customers use to test materials. The laboratory is equipped with dry boxes in controlled environments along with battery cycle-life testing and analysis of the impedance spectra. Staffed with industry experts, the laboratory will ensure customers receive testing data relevant to their specific applications.

"Ashland is unique in that we have a wide breadth of molecules," said Alan Goliaszewski, R&D manager, Ashland Specialty Ingredients. "It is the combination of the chemistry, the polymers and our understanding of how they function in battery applications that allows us to offer new value to our customers."

"Ashland is a proven supplier of high-quality, carboxymethylcellulose (CMC) binders to lithium-ion cell manufacturers," said Dr. Robert Gibbison, global marketing director, Performance Specialties, Ashland Specialty Ingredients. "Ashland is committed to providing world-leading technologies and developing new-to-the-world additives that satisfy unmet market needs."

### **About Ashland Specialty Ingredients**

Ashland Specialty Ingredients offers industry-leading products, technologies and resources for solving formulation and product performance challenges in key markets including personal care, pharmaceutical, food and beverage, coatings and energy. Using natural, synthetic and semi-synthetic polymers derived from plant and seed extract, cellulose ethers and vinyl pyrrolidones, Ashland Specialty Ingredients offers comprehensive and innovative solutions for today's demanding consumer and industrial applications.

### **About Ashland Inc.**

In more than 100 countries, the people of Ashland Inc. (NYSE: ASH) provide the specialty chemicals, technologies and insights to help customers create new and improved products for today and sustainable solutions for tomorrow. Our chemistry is at work every day in a wide variety of markets and applications, including architectural coatings, automotive, construction, energy, food and beverage, personal care, pharmaceutical, tissue and towel, and water treatment. Visit [ashland.com](http://ashland.com) to see the innovations we offer through our four commercial units – Ashland Specialty Ingredients, Ashland Water Technologies, Ashland Performance Materials and Ashland Consumer Markets.

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### **FOR FURTHER INFORMATION:**

Media Relations  
Lisa Porter  
+1 (973) 533-5765  
[lporter@ashland.com](mailto:lporter@ashland.com)