

# News Release

# Ashland solvers win 2017 Ringier Technology Innovation Award for personal care

Shanghai, June 23, 2017 -- Ashland's Harmoniance™ multifunctional active and invitro sun protection factor (SPF) test method have been named winner of the 2017 Ringier Technology Innovation Awards for personal care in China. Ashland was selected by industry experts and the general public after two-months of online voting. Ashland was chosen from among more than 100 entries submitted by 63 companies.

The Ringier Technology Innovation Awards recognize those who have made significant contributions to the advancement of the personal care industry through technical innovation, improved productivity, economic efficiency and market opportunity creation. The awards are among the most prestigious in China's personal care industry.

### Harmoniance™ multifunctional active with Zeta Fraction™ technology

Harmoniance<sup>™</sup> won the Ringier Technology Innovation Award for "Best Functional Ingredient" for skin care. Harmoniance<sup>™</sup> is a multi-functional extract of the Sacred Lotus, sustainably harvested with no added chemicals or solvents. It is used for face and body applications to deliver age-defying benefits. Ashland's Zeta Fraction<sup>™</sup> technology captures the metabolic activity of living plants, such as the Sacred Lotus, and consumes minimal energy and creates no waste. Using this proprietary technology, Ashland captures and refines the usability of the Sacred Lotus plant, which has been cultivated in Asia for more than 4,000 years, in a serum fraction. Scientific evaluations of Harmoniance<sup>™</sup> indicate its applicability for age-defying facial care creams.

## New in-vitro SPF test method improves the efficacy of sun care products

Ashland's new in-vitro SPF test method is the exclusive winner of "Best Testing Technology." Evaluation of the efficiency of sun care products has been assessed through clinical study based on cumulative UV dosage response of skin erythema/sunburn, while current in-vitro SPF test method is instant measurement based on UV spectral transmittance. Ashland's unique in-vitro SPF test offers customers another choice to measure the efficacy of sun care products. This new test method using Ashland's proprietary Gafchromic<sup>TM</sup> EBT3 film is cost efficient, faster, accurate and based on cumulative UV dosage response of film color change, which is similar to clinical study.

"We are very proud that our efforts to deliver market-leading innovation to our customers have been recognized for the seventh time through these awards," said William Zhao, general manager, Ashland Greater China. "Ashland is always solving and as a premier specialty chemicals company, we are passionate about helping our customers solve their most complex problems in personal care and cosmetics to amplify the efficacy, refine the usability, add to allure, ensure the integrity and improve the profitability of their products and applications."

#### **About Ashland**

Ashland Global Holdings Inc. (NYSE: ASH) is a premier global specialty chemicals company serving customers in a wide range of consumer and industrial markets, including adhesives, architectural coatings, automotive, construction, energy, food and beverage, personal care and pharmaceutical. At Ashland, we are nearly 7,000 passionate, tenacious solvers – from renowned scientists and research chemists to talented engineers and plant operators – who thrive on developing practical, innovative and elegant solutions to complex problems for customers in more than 100 countries. Visit ashland.com to learn more.

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