



Contact: Rose Durham Albert
302-999-2390
Rose.F.Durham@dupont.com

DuPont Tate & Lyle Bio Products Announces Winners of Zemea® Innovation Awards
Ingredients and Consumer Products Selected for Innovative Excellence

WILMINGTON, Del., April 15, 2015 – DuPont Tate & Lyle Bio Products Company LLC today announces the winners of the third annual Zemea® Innovation Award program. The program has been expanded to include distinct awards for companies who launch new personal care ingredients and companies who launch new consumer products made with Zemea® propanediol, a preservative-boosting humectant and solvent.

Zemea® Innovation award for consumer products:

- The MARBERT® line of eight different cosmetics and personal care products developed by Straub GmbH, Wertheim, Germany, was selected as the winner of the Zemea® Innovation award for consumer products. The extensive product line includes body lotions, deodorants, anti-aging eye serums and creams, and cleansing gels. Their reason for using Zemea® in this product line includes its excellent hydration and sensorial properties, preservative-boosting efficacy, and lack of skin irritation or sensitization.

Two winning entries were selected for the Zemea® Innovation award for personal care ingredients:

- Bio-Botanica®, Inc., Hauppauge, N.Y., developed ZeaBotanicals™, a collection of over 140 different botanical extracts based on Zemea®. The company utilizes its proprietary Bio-Chelation® process to manufacture the botanical extracts and combines them with Zemea® for natural personal care and cosmetic applications.
- CAM-D Technologies, Essen, Germany, launched a line of solid CAMDsorb® Odor and Pollutant Absorbers that are used in personal care and home care applications. This patented technology uses Zemea® as an innovative reaction medium in the preparation of the active ingredient zinc ricinoleate. Zemea® also is used as an additive to stabilize the final product.

Zemea® propanediol is a natural, 100 percent biobased ingredient made from fermentation of corn glucose and developed for use in the cosmetics and personal care market. It is a high-performance, environmentally sustainable alternative to petroleum-based glycols and glycerin, where the product's antimicrobial properties, lack of skin irritation, improved moisturization and excellent sensory properties are benefits. Zemea® is approved as a natural ingredient by Ecocert and the Natural Products Association; is certified 100 percent biobased by the U.S. Department of Agriculture and has both Kosher and Halal certifications.

The Zemea® Innovation Award program is designed to recognize companies who have commercialized innovative cosmetics and personal care ingredients and consumer products that contain Zemea® propanediol. An expert panel of judges reviewed and evaluated nominations from around the globe. This year's experienced panel of judges included:

Irwin Palefsky, president and CEO of Cosmetech Laboratories. Irwin has been in the cosmetic industry for over 40 years, of which 25 years have been in R&D. Palefsky has been an active member of the Society of Cosmetic Chemists where he served as New York Chapter Chair and a director on the Board of the National Society. He has taught courses on Cosmetic Formulations at the university level and for the Society of Cosmetic Chemists Education program.

“By understanding the practical and innovative applications of ingredients, the formulation chemist can develop new products with unique performance properties. The Zemea® Innovation Award program provides a venue for sharing formulation success stories, whether for a very practical application or an unanticipated innovative use,” commented Palefsky.

Mark Chandler also served on the judging panel. Chandler is president of ACT Solutions Corp., a formulation consulting firm focusing on Adaptive Aesthetic Design™, Advanced Emulsion Solutions™, and Formulating for Efficacy™. Chandler also is a prestige clinical instructor at the University of Toledo – College of Pharmacy and Pharmaceutical Sciences. Steve Hurff, vice president of Marketing & Sales, DuPont Tate & Lyle Bio Products, served as the internal judge for the award program.

“It was exciting to be a part of the judging panel, seeing an innovative material like Zemea® propanediol being used in such creative ways,” said Chandler. “Currently there is great interest in the use of naturally derived materials, but, in the end, a successful personal care product must have appealing aesthetics and performance to go along with the appeal of being more natural. We saw a great variety of uses for the product, for its own direct performance and aesthetic benefits, and for its utility in making other materials work more efficiently.”

Straub GmbH is a family-run cosmetics company based in Wertheim, Germany. Since its foundation in 1949, the company has become one of the leading manufacturers of high-quality personal care products. For more information visit <http://www.straub-gruppe.com/>

Bio-Botanica® Inc. is a family-owned and operated company specializing in high quality botanicals extracts for the Supplement, Food/Beverage and Cosmetics and Personal Care industries for over 40 years. For more information on the company, visit www.bio-botanica.com.

CAM-D Technologies was founded in 2002 as a spin-off of the University of Essen as a limited liability company. The company is engaged in contract research for the chemical industry. CAM-D has contributed as joint inventor to numerous patents and owns property rights concerning new formulations of the odor absorber, zinc ricinoleate. For more information on the company, visit www.cam-d.de.

DuPont Tate & Lyle Bio Products is a joint venture between DuPont, a global science company, and Tate & Lyle, a global provider of ingredients and solutions to the food, beverage and other industries. DuPont Tate & Lyle Bio Products provides natural and renewably sourced ingredients that enhance product performance. For more information on the company's products, visit www.duponttateandlyle.com.

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