

## PRESS RELEASE

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## DuPont Tate & Lyle Bio Products, Corbion, INOLEX, and ACT Solutions Collaborate to Create a Range of Personal Care Product Formulations Delivering High Performance and up to 100% Bio-based Content

*Achieving High Performance and High Bio-based Content Formulations is Now a Reality*

**New York, New York, May 6, 2019 – A key challenge for personal care formulators is to create natural and sustainable products that deliver targeted marketing claims yet do not compromise performance and safety demanded by consumers today. Many natural claims are not supported by certified content. Now, through an innovative collaboration project, we are bringing the ability to create certified, high performing, high bio-based content formulations to the personal care market.**

During the Suppliers' Day exhibition on May 7th and 8th at the Javits Center in New York City, DuPont Tate & Lyle Bio Products (booth #742), Corbion (booth # 203) and Inolex (booth #1025) will have fifteen (15) new certified high bio-based content leave-on and rinse-off finished product formulas, available to experience first-hand. The formulations were developed and packaged by personal care industry recognized experts, ACT Solutions Corp.

"These newly formulated personal care products developed through our technical collaboration are proof the formulator no longer needs to trade-off between performance and sustainability when selecting ingredients", explained Steve Hurff, vice president of marketing & sales at DuPont Tate & Lyle Bio Products.

"Collaboration is in our DNA at Corbion and we are excited to a partner with other world-class bio-based ingredient suppliers to bring these innovative formulas to personal care companies and consumers." adds Lisa Swain, Global Market Director Biochemicals at Corbion.

"Consumer demand for natural products is continuously growing and they expect products that perform. The market-ready bio-based formulations developed in this collaboration are a significant step forward in delivering consumer-desired products that are certified for bio-based content." adds Lisa Gandolfi, Director of Marketing at INOLEX.

A critical requirement of this collaboration was to have each formula receive USDA BioPreferred® product certification which relies on a quantitative ASTM test method performed by an outside laboratory to determine bio-based content. This certification has the potential to serve as a new way to quantify the definition of natural ingredients. "With innovative formulation design and an excellent availability of bio-based ingredients today, we show that it is possible to build a range

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of USDA Certified Biobased Products at or near 100% 'natural' content that rival or surpass the best in terms of aesthetics, stability, and performance.”

These ready-made formulations have been tested across a wide range of industry accepted criteria, including stability testing, to ensure they meet the demanding requirements for personal care products. Based on global consumer trends, the increasing need for both high performance and truly natural ingredients is now a reality for the formulator. We invite you to learn more about these high performing, high bio-based content personal care product formulations by visiting any of our booths during Suppliers' Day or by contacting any one of the companies named in this press release.

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### Background information:

#### About Corbion

Corbion is the global market leader in lactic acid and lactic acid derivatives, and a leading company in emulsifiers, functional enzyme blends, minerals, vitamins and algae ingredients. We develop sustainable ingredient solutions to improve the quality of life for people today and for future generations. For over 100 years, we have been uncompromising in our commitment to safety, quality, innovation and performance. Drawing on our deep application and product knowledge, we work side-by-side with customers to make our cutting edge technologies work for them. Our solutions help differentiate products in markets such as food, home & personal care, animal nutrition, pharmaceuticals, medical devices and bioplastics. For more information on our personal care offerings, visit [corbion.com/personalcare](http://corbion.com/personalcare).

#### About DuPont Tate & Lyle Bio Products

DuPont Tate & Lyle Bio Products is a joint venture between DuPont, a global science company, and Tate & Lyle, a world-leading renewable food and industrial ingredients company. DuPont Tate & Lyle Bio Products provides natural and renewably sourced ingredients that enhance product performance. For more information on Zemea® propanediol, visit [www.Zemea-performs.com](http://www.Zemea-performs.com) to see the solutions we offer across a wide variety of markets and applications.

#### About INOLEX

INOLEX is an independent, global specialty ingredients company that provides safe and effective beauty care options for brands around the world. With a deep understanding of lifestyle trends and expertise in green chemistry, INOLEX balances lab and nature to create sustainable, life ingredients. Core technologies include Alternative Preservation; High-performance Polymers for sun care; Alternatives for Silicones; Natural and Quat-free Cationic Conditioning Agents, and Palm Alternatives, with a focus on plant-based, certified natural options in all categories. Visit [www.inolex.com](http://www.inolex.com) for more information on our beauty care portfolio.

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### About ACT Solutions

Founded by Mark Chandler in 2012, ACT Solutions Corp [www.ACTSolutionsCorp.com](http://www.ACTSolutionsCorp.com) is a formulation design consulting firm with laboratories in Newark, Delaware and Toledo, Ohio. We serve the cosmetic and pharmaceutical industries with the fundamental technologies of ADAPTIVE AESTHETIC DESIGN, ADVANCED EMULSION SOLUTIONS, and FORMULATING FOR EFFICACY.