



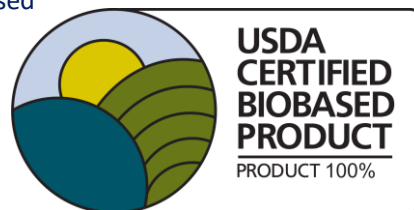
Renewable chemicals naturally designed and engineered to deliver the performance that adds value to everyday products

## Green Biologics Receives USDA Certification

### *Renewable Specialty Chemicals Company Receives Certification Under USDA BioPreferred® Program*

Ashland, Virginia and Abingdon, Oxfordshire U.K. (November 29, 2016) – [Green Biologics, Inc.](#), the U.S. subsidiary of Green Biologics Ltd., a U.K. industrial biotechnology and renewable chemicals company, announced today that its high purity bio-based n-butanol and acetone have received official certification under the [USDA BioPreferred® program](#). The products are now certified as 100 percent bio-based and are marketed under the BioPure™ brand.

“Having our n-butanol and acetone named as USDA Certified BioBased Products is yet another milestone that we can point to when demonstrating the value and differentiation of our products from conventional petrochemical-based commodities,” said David Anderson, Global Vice President of Marketing for Green Biologics.



The BioPreferred program is a USDA-led initiative designed to assist in the development and expansion of markets for bio-based products. Created by the 2002 Farm Bill and expanded as part of the 2014 Farm Bill, BioPreferred is transforming the marketplace for bio-based goods through mandatory purchasing requirements for Federal agencies and contractors, as well as voluntary product certification and labeling.



Products using the USDA Certified Biobased Product label are guaranteed to contain a USDA-verified amount of renewable biological ingredients, enabling consumers to make informed and sustainably-minded purchasing decisions.

“The USDA’s BioPreferred program plays a vital role in the global movement away from petro-based products and toward renewable, naturally sourced materials. We’re proud to have our products verified by such a distinguished organization,” adds Anderson. “Today’s consumers are becoming more conscious of chemicals in their everyday lives, and achieving this certification gives them confidence that our products have met the highest standards of sustainability.”

Green Biologics, a member of the [American Chemistry Council \(ACC\)](#), is in the early start-up of its first commercial production facility for BioPure™ renewable n-butanol and acetone in Little Falls, Minnesota, and aims to be in commercial production by late 2016.

To learn more, please visit [www.greenbiologics.com](http://www.greenbiologics.com).

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### **About Green Biologics**

Green Biologics Ltd (GBL) is a renewable chemicals company based in Abingdon, England with a wholly owned U.S. operating company, Green Biologics Inc., based in Gahanna, Ohio. GBL's *Clostridium* fermentation platform converts a wide range of sustainable feedstocks into high performance green chemicals such as n-butanol, acetone, and through chemical synthesis, derivatives of butanol and acetone used by a growing global consumer and industrial products customer base. The platform combines advanced high productivity fermentation with superior-performing proprietary *Clostridium* microbial biocatalysts and synthetic chemistry to produce a pipeline of high value green chemicals with optimal performance in downstream formulations.

Green Biologics was named to the Global Cleantech 100 list of the top Cleantech companies in the world for 2014 and 2015. The company was also #8 on the Hottest 40 Small Companies in the Bioeconomy and #22 on the Hottest 30 list for Bio-based Chemicals and Materials for 2015.

Green Biologics is transforming the global specialty chemicals market, providing its customers with products and technology that are more sustainable and higher value than petroleum-based alternatives. For more information, visit [www.greenbiologics.com](http://www.greenbiologics.com).

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