



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

Green Biologics Selects Caldic as its EU Distribution Partner

Logistics and Distribution Key Focus of Renewable Chemicals Collaboration

Ashland, Virginia and Abingdon, Oxfordshire U.K. (October 3, 2016) – [Green Biologics, Inc.](#), the U.S. subsidiary of Green Biologics Ltd., a U.K. industrial biotechnology and renewable chemicals company, announced today a distribution agreement with [Caldic B.V.](#), a global distributor headquartered in Rotterdam, the Netherlands. Caldic will distribute Green Biologics' bio-based, high purity chemicals, including n-butanol, acetone and other associated product to customers in Europe, Africa and the Middle East for a variety of key markets, including CASE (coatings, adhesives, sealants and elastomers), HI&I (household, industrial & institutional cleaners), PCI (personal care intermediates), food ingredients and energy chemicals.

"Caldic is an outstanding partner for Green Biologics," said Timothy G. Staub, Global Vice President of Business Development for Green Biologics. "Its customer focus and value-added services, such as logistics capabilities, bulk storage facilities, and deep knowledge of high-value markets and customers, along with a critical presence both in key markets and geographies, makes Caldic critical to our EU launch."

Green Biologics is in the process of starting up its first commercial production facility for renewable n-butanol and acetone in Little Falls, Minn., and aims to begin commercial shipments to customers by late 2016. The company is a member of the [American Chemistry Council \(ACC\)](#) and is building its new green solvents facility to meet [Responsible Care™](#) standards. In addition, Green Biologics is pursuing REACH certification on its products, and has received USDA BioPreferred® status, 100% bio-based, for its n-butanol and acetone.

"Our goal is to selectively move our renewable n-butanol and acetone into high value markets, and Caldic is well qualified and positioned to help us reach key European customers who are interested in sustainability, performance and value," added Staub.

"Sustainability is an important metric for the industrial, health and personal care markets," said Floris van Eijndhoven, Director of Industrial and Health and Personal Care at Caldic BV. "We believe that renewable ingredients are essential for the future success of our customers in these evolving sectors and are pleased to welcome Green Biologics into the Caldic network of suppliers."

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 Ashland, Virginia. 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.

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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.

About Caldic BV

Caldic is a provider of Industrial, Health and Personal Care and Food solutions, with entities in Europe, North America and Asia-Pacific. Caldic acts as full service distributor. Its' strengths lie in its global network combined with local expertise, giving the flexibility to answer local needs and build domestic partnerships. Operating with in-house warehouses, production facilities, test centers, and technical expertise, the company provides tailored solutions that add value to customers' business success.

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