



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

## Green Biologics Partners with Acme Hardesty

### *Focus on High Value Bio-Based Markets*

**Ashland, Virginia and Abingdon, Oxfordshire U.K. (March 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 [Acme-Hardesty](#), a division of Jacob Stern & Sons, Inc. and a leading U.S. supplier of bio-based chemicals. Acme Hardesty will focus their efforts on marketing Green Biologics' for high value applications in food ingredients, cleaning products and bio-lubricants.

"We're pleased to announce this partnership with Acme-Hardesty," said Timothy G. Staub, Global Vice President of Business Development for Green Biologics, said. "Their history in sustainable chemistry reaches back to the 1880's with Jacob Stern & Sons and we're delighted to align Green Biologics with this outstanding industry leader."

Green Biologics' is currently constructing its first commercial production facility for renewable n-butanol and acetone in Little Falls, Minnesota, and aims to start up the plant in late 2016 with shipments to customers by Q4. Green Biologics is a member of the American Chemistry Council (ACC).

"We're focused on identifying and securing opportunities in markets that can leverage the value of our sustainable products, and Acme-Hardesty's focus on providing sustainable technology solutions is a perfect fit for these high value markets," Staub said.

"We believe in the power of bio-based ingredients and are pleased to be a channel partner with Green Biologics", said Karen Graziano, Director of Advanced Renewables Development for Acme-Hardesty, adding, "It is an exciting opportunity to work with Green Biologics and together advance the commercial viability of these unique renewable materials".

#### **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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## Press Release

### About Acme-Hardesty

Since 1942 Acme-Hardesty has been a leader in the oleo chemical industry. A division of Jacob Stern & Sons, Inc., Acme-Hardesty has a global reach and is one of the largest distributors of castor oils and derivatives, palm derivatives, preservative, and surfactants.

Established as a manufacturer of tallow-based glycerine, Acme-Hardesty transitioned to distributing a full range of renewable palm-based glycerine, fatty acids, and fatty alcohols. A member of the Roundtable of Sustainable Palm Oil, Acme is committed to the principles of sustainability.

Today, the company is further expanding its core oleo chemical product line to focus on serving the industry's interest in renewable, bio-based chemical solutions. Acme-Hardesty is a leader in providing innovative science and services from a diverse and sustainable feedstock and is dedicated to the expansion of the bio-based chemical industry with innovative products and solutions. For more information, visit <http://www.acme-hardesty.com/>.

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