

Editorial Contact:
Cortec® Advertising Agency:

Julie Holmquist
(651) 429-1100 Ext. 1194

jholmquist@cortecvci.com

Company Contact:
Bionetix® International

Tonya Decterov
(514) 235-5202

tdecterov@bionetix.ca



Attention: Editor

August 5, 2024

PRESS RELEASE



Bionetix® Introduces ECL1200™: A Bio-Catalyst for Efficiency and Sustainability

Enzymes are important bio-catalysts for industrial processes, opening doors to greater efficiency and sustainability. Although used for eons, enzymes are part of a growing trend that puts nature's technology to good use for everyday cleaning and manufacturing. [Bionetix®](#) is excited to support this trend with the release of [ECL1200™](#), a lipase enzyme concentrate that targets fats and greases in a variety of industries.



How Lipase Works

ECL1200™ is a high-efficiency lipase enzyme sourced from non-pathogenic fungi. It is used to catalyze the hydrolysis of fatty and oily substances (e.g., long-chain triglycerides) into smaller components such as diglycerides, monoglycerides, glycerol, and free fatty acids. In short, it breaks fat

into smaller parts. Such enzyme action can help remove stains, improve textures, increase manufacturing efficiency, and release important molecular building blocks to create other products. [Microbiologically-sourced lipases](#) like ECL1200™ are especially favored for their stability and economy and can be used in a wide variety of industries, from food to biodiesel production.



Food and Feed Industries

Since lipase acts on fats, oils, and greases, it is naturally at home in the food industry where it is used to improve texture, taste, and quality. One common use is [cheesemaking](#), as well as the processing of butter and other dairy products with a high fat content. When added to animal feed, lipase can help with nutrient absorption.

Laundry Detergent Industry

Because ECL1200™ helps with the digestion of lipids, it is an excellent tool for stain removal in fabrics. By breaking down long fatty acid chains, lipase helps loosen grease and oil deposits so they can form an emulsion with water and be rinsed away. Detergents and stain removal products fortified with lipase are especially helpful for cleaning laundry from the food service or auto repair industries, where linens and uniforms are often stained with grease.



Textile and Leather Industries

Lipase can find a place in the bio-scouring process of textile finishing, [replacing alkali scouring](#), and can potentially [reduce other chemicals and help with wastewater BOD/COD](#) in the leather tanning industry.

Papermaking and Biodiesel Industries

In the pulp and paper industry, lipase has been found to [help with pitch control](#). It is integral to biodiesel production, which requires [lipase as a bio-catalyst for transesterification](#) of triglycerides from waste kitchen oils and other fats. Similar reactions are needed in other chemical industries.



Put Lipase to Work for You

Lipase is an important tool to boost production efficiency, catalyze chemical reactions, enhance quality, and introduce sustainable options. [Take your first step toward adopting ECL1200™ as a lipase bio-catalyst for your processes today!](#)

Keywords: bio-catalyst, enzymes, lipase, lipase for food industry, lipase for biodiesel, how biodiesel is made, how lipase works, stain removal, Bionetix, enzyme suppliers



Need a High-Resolution Photo? Please Visit: www.cortecadvertising.com

Bionetix® International is a Canadian-based company that produces biological products used in thousands of field applications worldwide. We promote a healthy environment by providing superior, environmentally friendly alternatives to current treatment methods. Our customers are able to clean and remediate contaminated systems or boost agricultural productivity in a cost-effective, natural, and non-intrusive way through the application of our biological products. Headquartered in Quebec, Canada; Bionetix® International is a subsidiary of Cortec® Corporation. ISO 9001:2015 Certified.

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001:2015, ISO 14001:2015, & ISO/IEC 17025:2017 certified. Cortec® Website: <http://www.cortecvci.com>. Phone: 1-800-426-7832. FAX: (651) 429-1122.