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**Attention: Editor**  
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**PRODUCT RELEASE**



## **Bionetix® Announces New Synergistic Five-Enzyme Concentrate for Detergent and Industrial Cleaning Power**

Canadian-based biosolutions provider [Bionetix® International](#) is excited to release [ENVIA CORE™](#), the first in a new line of enzyme concentrates. This platform of five “core” enzymes promises to bring enhanced cleaning and waste treatment power to laundry and automatic dishwashing detergent formulators, industrial cleaning professionals, and environmental remediation teams seeking more sustainable solutions.



David S. Llano, Product Manager at Bionetix®, noted, “ENVIA CORE™ is significant because it brings together five complementary enzymes into a single high-performance platform capable of addressing today’s growing demand for more efficient and environmentally conscious cleaning technologies. Its ability to enhance stain removal, reduce soil redeposition, and support multiple industrial applications makes it a versatile solution for formulators seeking higher performance with more sustainable and efficient chemistry.”



## How Enzymatic Cleaning Works

ENVIA CORE™ acts as a synergistic multi-enzyme hydrolysis platform, accelerating the breakdown of proteins, starches, fats, and complex polysaccharides into smaller, more manageable compounds thanks to the synergistic activity of five targeted enzymes:

- Protease for protein-based stains (e.g., blood, grass, sweat, food)
- Amylase for starch-based soils (e.g., sauces, gravies)
- Lipase for fat-based residues (e.g., oil, sebum, grease)
- Mannanase for mannan-based compounds (e.g., gums and thickeners)
- Cellulase for cellulosic materials (e.g., cotton microfibrils/pilling)

## Stain Removal Enzyme Performance

Under standardized laboratory testing,\* the addition of ENVIA CORE™ to a commercial laundry detergent showed measurable improvements in stain removal compared to the reference detergent formulation:

- Up to 70% improvement on protein-based stains
- Up to 27% improvement on starch-based soils
- Up to 33% improvement on polysaccharide and gum-based residues
- Up to 33% reduction in soil redeposition



## Where to Use Enzyme Concentrates

Complementary enzymatic cleaning action makes ENVIA CORE™ a powerful addition to liquid laundry detergents, automatic dishwashing tablets and liquids, stain removers and presoaks, and



clean-in-place (CIP) treatments—while helping reduce reliance on harsher chemical cleaning agents. This five-enzyme blend can also be used to support grease trap and drain management in commercial kitchens or remove hydrocarbon residues on offshore equipment and surfaces.

For formulators seeking next-generation cleaning and environmental technologies, ENVIA CORE™ is an excellent platform from which to launch. Contact Bionetix® International to learn more and request samples: <https://www.bionetix-international.com/contact-us/>

\* Testing performed according to ASTM D4265 under standardized washing conditions at 40 °C.

**ENVIA CORE™**  
Multi-Enzyme Hydrolysis Accelerator

**Product Description:** ENVIA CORE™ is a multi-enzyme blend that is designed to break down and remove grease, oil, and other hydrocarbon residues from surfaces. It is a non-toxic, biodegradable, and non-corrosive cleaning agent that is safe for use in commercial kitchens, food processing facilities, and other industrial settings. ENVIA CORE™ is a five-enzyme blend that is designed to break down and remove grease, oil, and other hydrocarbon residues from surfaces. It is a non-toxic, biodegradable, and non-corrosive cleaning agent that is safe for use in commercial kitchens, food processing facilities, and other industrial settings.

**Features & Benefits:**

- Non-toxic, biodegradable, and non-corrosive
- Safe for use in commercial kitchens, food processing facilities, and other industrial settings
- Breaks down and removes grease, oil, and other hydrocarbon residues from surfaces
- Non-corrosive to stainless steel, aluminum, and other metal surfaces
- Non-toxic to humans and animals
- Non-flammable and non-volatile
- Easy to use and apply
- Long shelf life

**Specifications:**

Property	Value
Appearance	White powder
Odor	Neutral
Color	White
Particle Size	100-200 µm
Moisture Content	≤ 5%
pH	7-9
Density	1.2 g/cm³
Storage	Store in a cool, dry place
Shelf Life	24 months

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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 and ISO 14001:2015 certified. Cortec® Website: <http://www.cortecvci.com>. Phone: 1-800-426-7832. FAX: (651) 429-1122.