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



## **Bionetix® Launches ENVIA ESSENTIAL™ Enzyme Concentrate for Hard-Water Drain Maintenance**

[Bionetix®](#) has introduced [ENVIA ESSENTIAL™](#), a ready-to-use enzymatic concentrate designed to help food service, food processing, and waste processing facilities manage organic buildup in hard-water drain and disposal systems. The three-enzyme formula targets the breakdown of fats, proteins, and starch residues—which contribute to the formation and stabilization of



hard-water deposits—helping loosen accumulated buildup during routine drain or grease trap maintenance.

David S. Llano, Product Manager at Bionetix® International, explained, “ENVIA ESSENTIAL™ was developed to address one of the most persistent maintenance challenges in commercial drainage systems: the interaction between organic residues and hard-water minerals. By targeting the organic fraction of these deposits, facilities can maintain cleaner drainage infrastructure and reduce the frequency of corrective interventions.”



### **Why Are Drain Clogs Worse in Hard Water?**

Restaurants and commercial kitchens are already familiar with the ongoing battle to maintain good flow and avoid bad odors in drains, pipes, and grease traps overloaded by food waste. When hard water is present, high volumes of organic residues bind together with minerals such as

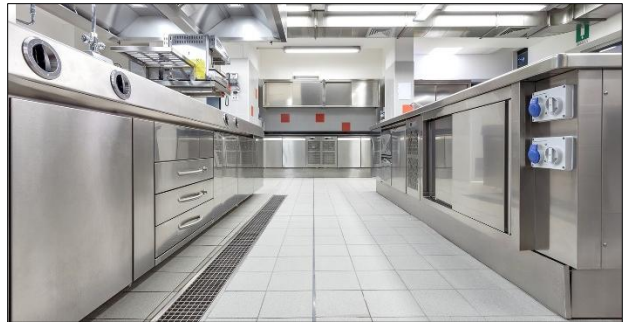
calcium and magnesium, forming a tough complex of solids that block the system.

### **Are There Safe Alternatives to Acid Cleaners?**

Enzymes present a preferable alternative to harsh acid cleaners or cumbersome, expensive mechanical methods of scale removal. The three enzymes of ENVIA ESSENTIAL™—protease, amylase, and lipase—target three types of food waste deposits commonly found in grease traps and restaurant drains, working synergistically to degrade organic residues that bind together with minerals and create large blockages. This breakdown loosens the scale structure, making it easier to remove buildup via the normal drainage flow.

### **What Can Be Done to Prevent Scale Buildup?**

Scale is inevitable in systems with hard water, but it does not have to be debilitating. With routine application of ENVIA ESSENTIAL™ to grease traps, industrial floor drains, lift stations, and sewer pipes, restaurants and commercial kitchens



can clear out the organic waste that aggravates scale buildup—keeping an annoying problem from becoming serious. Bionetix® is pleased to address this frustrating issue with a simple answer from nature's own biological mechanisms. Contact Bionetix® to learn more about this ready-to-use enzymatic maintenance solution or to explore other options based on the ENVIA CORE™ platform:

<https://www.bionetix-international.com/contact-us/>.

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