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PRESS RELEASE



Bionetix® Biotechnology Helps Formulators Put the Natural Cleaning Power of Microbes to Work

It is easy to think of microbes as harmful organisms that spread disease. However, as in the case of penicillin, there are actually many non-pathogenic microorganisms that can be put to good use. Bionetix® International is an important player in this growing field of biotechnology, which uses



microorganisms for everyday cleaning, waste maintenance, odor control, and a host of other applications that benefit users and the environment.

HYGIEA2400™ is an excellent example of Bionetix's multiple spore blend concentrates for formulating products with exceptional cleaning power and odor control. HYGIEA2400™ contains "good" bacteria that biodegrade specific compounds such as grease, fats, oils, starches, proteins,

and cellulose. Microorganisms in HYGIEA2400™ effectively use these substances for food, leaving behind simple carbon dioxide and water as non-hazardous byproducts.

HYGIEA2400™ can be used to formulate a wide array of products used for

- Carpet and fabric care (e.g., odor and stain removal of milk, vomit, urine, feces, blood, coffee, wine, etc.)
- Trap and drain maintenance for grease deposits and odor control
- Waste degradation in septic tanks, wastewater systems, and composting environments (ponds, lagoons, etc.)
- Bathroom maintenance (surface cleaning and odor control) of fixtures and floor drains
- Odor control in garbage pails, dumpsters, garbage trucks, landfills, and municipal sludge



One distributor of natural cleaning products in Russia used HYGIEA2400™ to formulate a ready to use product that helped reduce sewage contaminant discharge levels at a shopping center in Moscow. The average level of contaminants released in the sewage had exceeded discharge limits for FOG, BOD5, COD, and TSS in 2016. From April to December of 2017, the shopping center applied the product containing HYGIEA2400™ and noticed a two to three times drop in contaminant indicator levels in just the first month. The client was very satisfied with the application and wrote a letter of recommendation as a result.

HYGIEA2400™ has a pleasant fragrance and comes ready-to-dilute in a 10X or 20X format. It can be used undiluted in cases of high organic waste. Rinse-water containing HYGIEA2400™ will also provide residual cleaning downstream.

Learn more about putting microbes to work for you and your clients by contacting Bionetix®:

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

To learn more about HYGIEA2400™, please visit:

http://www.bionetix-international.com/wp-content/uploads/2019/11/HYGIEA2400_PDS_ENG_04-20-2018.pdf.

To learn more about reducing discharge levels in shopping center sewage, please visit:

<http://www.bionetix-international.com/login/>.



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Bionetix® International produces biological waste treatment products that are used in thousands of field applications worldwide. The Biological Series of products—among the earliest products introduced by Bionetix Canada – can be found in countless food preparation and processing locations in the United States, Europe, South America, and Asia. Numerous municipalities around the world have accepted these products. Headquartered in Quebec, Canada; Bionetix International is a subsidiary of Cortec® Corporation. ISO 9001:2000 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, ISO 14001:2004, & ISO 17025 Certified. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122