

# BioCORTEC®

## NEWSLETTER

May 2020



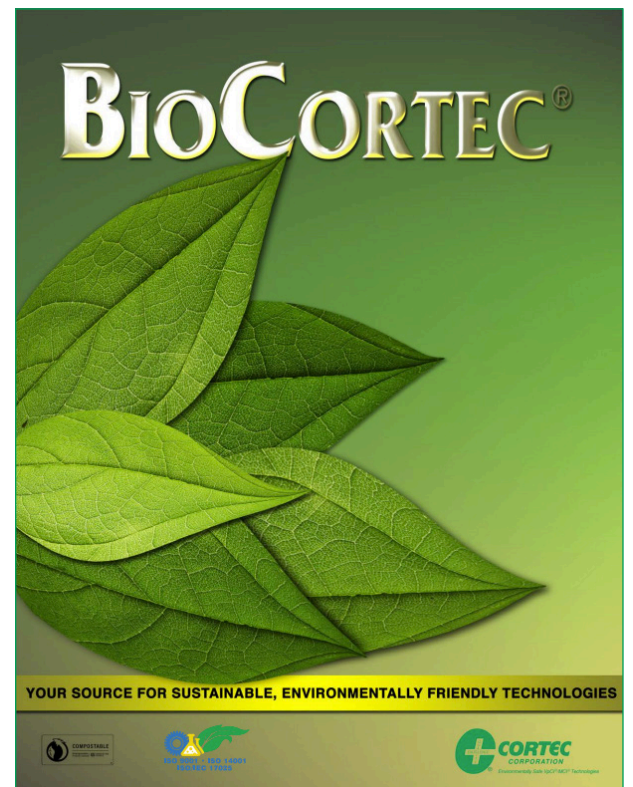
## BioCortec® Brochure Update Reflects Our Expanding BioPreferred® Portfolio

Our biggest “bio” related news is the recent update of our BioCortec® brochure to reflect several additions to our growing portfolio of more than 30 USDA Certified Biobased Products. Among our more recently certified products were several EcoLine® greases and four packaging options. The brochure includes a label beside each certified product to show its percentage of renewable content. New additions to this part of the brochure include:

- EcoLine® 4320 / EcoLine® 4330
- EcoLine® Drill Rod Grease
- EcoLine® ELP (Extreme Lubricant Penetrant)
- EcoLine® Fifth Wheel Grease
- EcoLine® Rail Curve Grease, Winter / EcoLine® Rail Curve Grease, Summer
- EcoLine® Wire Rope Grease
- BioPad®
- CorShield® VpCl®-146
- CorShield® VpCl®-146 Creped Paper
- EcoShield® VpCl®-144

An entirely new section of Bionetix® biologicals and biostimulants was also added during this brochure update. These products fall under the categories of waste treatment, biological cleaners, and oil and gas cleanup solutions. They provide safer, more natural ways to clean up and promote the health of the environment.

Browse the updated brochure to learn more about these and some of our other “greener” options for corrosion control, maintenance, and cleanup: <https://www.cortecvci.com/Publications/Brochures/BioCortec.pdf>



## Cortec® Among ‘Highly-Engaged Participants’ in BioPreferred® Program

As the leader in sustainable corrosion control, we were honored to be held up as an industry example of “highly-engaged” participation in the USDA BioPreferred® Program, according to an article in *ASTM Standardization News*. Our work with the BioPreferred® Program—a federal initiative which encourages manufacturers and end-users to develop and use products made from renewable resources—was noted with the following comments:

### Highly Engaged Participants

*Thousands of companies have participated in the BioPreferred program. Some have been involved for years while others are just getting started. Regardless of tenure, however, there appears to be a strong consensus among participants regarding its benefits both to individual bottom lines and to the overall push toward a more sustainable economy.*

*Take Cortec, for example. The St. Paul, Minnesota-based company specializes in corrosion control, helping with everything from concrete infrastructure to preserving equipment during storage and shipping. They have participated in the Biopreferred [sic] program for over a decade using soy- and corn-based materials to make products with biobased content ranging from 55 to 90 percent.*

*More than 30 Cortec products sport the USDA Certified Biobased Product label, allowing consumers to quickly know the percentage of biobased content.*

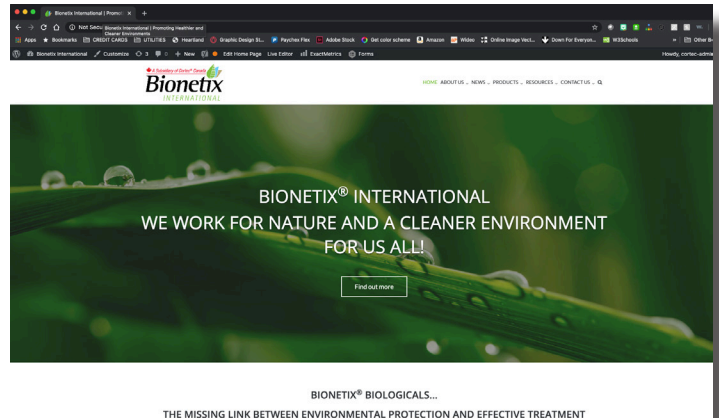
*Ming Shen is director of innovation and new technologies for Cortec. “The USDA Certified BioBased Product provides an authoritative indication of Cortec’s environmental stewardship,” Shen says. She also notes that, thanks to the company’s strong focus on green chemistry, “Everybody on the R&D team tries to develop products that meet the requirements for the biobased label, if feasible.”*

The article goes on to highlight other companies involved in the program and discusses the underlying ASTM D6866 standard used to determine biobased content within the program. Read the full article at <https://www.astm.org/standardization-news/?q=features/driving-biobased-economy-ma19.html>.

To learn more about the BioPreferred® Program, please visit: <https://www.biopreferred.gov/BioPreferred/>.

## A New Gateway to ‘Green’ Solutions for the Environment and Industry Waste

If you have not seen it yet, we invite you to browse the clean look and fresh design of our new Bionetix® International website! Bionetix® International epitomizes Cortec’s quest to find solutions that are friendlier to nature yet effectively meet user needs—in this case for cleaning up oil spills, replacing harsh cleaning chemicals, boosting agricultural health, meeting wastewater discharge limits, solving odor problems, and more! These biological treatments rely on microorganisms and nutrients to perform these countless beneficial tasks. Take a look at the many options for yourself: <http://www.bionetix-international.com/>!



## A New Gateway to ‘Green’ Solutions for the Environment and Industry Waste

Here is a practical way to cut costs and reduce environmental waste on your next order of VpCI®-126 Film or CorShield® VpCI®-146 Paper! Anyone ordering these anti-corrosion packaging products in pallet quantity can save money and reduce packaging waste by ordering cradle packs. This eliminates all the extra cardboard usually required to box each of the 25 to 42 rolls per pallet. You will have less material to clog your recycling bin, and you will also get a cost savings.

Contact us for details: <http://corteccustomerservice.com/meet-our-team/>.

## CASE HISTORIES

*It is fun to look back and see that a number of our recent case histories have featured biobased products. Here are some great examples for you to enjoy and be inspired by!*

### Biobased Admixture for Extending Infrastructure Service Life

Two of our case histories feature the use of MCI®-2005 concrete admixture to mitigate corrosion and extend the service life of various infrastructure components in Israel. One of these structures was the Kidron Valley culvert, built in harsh sulfate-rich ground and extreme weather conditions and designed to carry flood water below the highway. MCI®-2005 admixture was also used in the Park of Peace Amphitheater, which was expected to be at higher risk of corrosion from its vicinity to a major highway that could increase carbonation. Both structures were built with a 100-year design life in mind, and MCI®-2005 provided important advantages in terms of durability and cost.

Read more about the Kidron Valley culvert here: [https://www.corteccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch659.pdf](https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch659.pdf)

Read more about the Park of Peace Amphitheater here: [https://www.corteccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch650.pdf](https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch650.pdf)



Image courtesy: COGAT Israel.

### Adoption of Biobased EcoLine® 3690 for Auto Build-Ahead Program

Automakers tend to stick with the same specifications for many years, but that does not mean you cannot convince them to change to more sustainable options. This is what happened with one automaker who had used a solvent-based rust preventative for decades. Its third-party packager went in search of something that would be better for employees to use and, through testing of the auto parts with EcoLine® 3690 in Cortec® Laboratories, found they were able to meet requirements with a high biobased content rust preventative. This led them to adopt EcoLine® 3690 for protection of all-time-buys that will be stored for up to 10 years.

Read the case history to glean ideas that may be helpful for your own clients: [https://www.corteccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch652.pdf](https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch652.pdf)

### An Excellent Biological Cleaning Companion for MCI® Users

An excellent companion for concrete projects, MCI®-2061 relies on microorganisms to help biodegrade hydrocarbons on concrete and other hard surfaces. It was recently used in a trial by a homeowner who had an oil stain on his driveway. The biological cleaner worked well to clean up the paving stones and also the concrete curb and asphalt road nearby.

Read more of the story here: [https://www.corteccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch654.pdf](https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch654.pdf)



## IN THE PRESS

Our eco-friendly efforts are making the news in a variety of key industrial publications. Here are overviews of some recently-published articles.

### ‘Biobased temporary coatings to replace traditional rust preventatives’

April 2020  
World of Chemicals

We are pleased to have been able to take *World of Chemicals* up on an opportunity to provide an article on our corrosion inhibiting technology in the form of biobased rust preventatives. The article focuses on EcoLine® 3220 and Ecoline® 3690, two of our USDA Certified Biobased Products that serve as temporary rust preventatives (RPs). These biobased RPs include our corrosion inhibitor package in a canola-oil-base. One of these was used for an auto build-ahead program as well as for end protection of tubes for fire protection systems.

Learn more about the benefits of these two products in this informative article: <https://www.worldofchemicals.com/media/biobased-temporary-coatings-to-replace-traditional-rust-preventatives/3899.html?fbclid=IwAR3XfiBz893Qm5TCXSp97JToJhRKGUKfmOxGJFkrPPCQHcwnsJtKc17AlnA>



### ‘Companies to Watch’

April 2020  
Paper, Film & Foil Converter (PFFC)

The April 2020 issue of *PFFC* took a closer look at several companies and what makes them stand out in the converting industry. Cortec® Corporation was noted for its biofilms and recycling, as well as its production and conversion of anti-corrosion packaging materials in the form of film, bags, and papers. Click here and flip to page 10 to learn more about how Cortec® is shaping this market: <https://cloud.3dissue.com/180292/180783/223356/pffc0420/index.html>



### Aerosol Fillers Update

March 2020  
SPRAY

Each year in March, *SPRAY* magazine publishes an editorial feature on developments at various spray can fillers in the U.S. This year, the magazine featured Cortec® once again, prominently highlighting its revamped line of EcoAir® cleaning, rust prevention, and rust removal products packaged in convenient bag-on-valve spray cans for maintenance jobs. New labeling makes the products’ purpose and application straightforward and easy to follow in order to “Clean,” “Protect,” and/or “Preserve” metals around the shop, production floor, or remote worksite. The line includes several biobased and water-based options. The article also shares some of Cortec® Spray Technologies’ milestones with the Wisconsin Green Tier program. Read more here: [https://www.cortecvci.com/whats\\_new/announcements/st20-21-2020.pdf](https://www.cortecvci.com/whats_new/announcements/st20-21-2020.pdf)



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