DuPont Industrial Biosciences Granted U.S. Patent for Prevention of Bacterial Growth in Fermentation Processes

*Patent Covers Application of Stabilized Chlorine Dioxide, the Active Ingredient in DuPont™ FERMASURE®*

WILMINGTON, Del. (PRWEB) April 03, 2018 -- DuPont Industrial Biosciences Granted U.S. Patent for Prevention of Bacterial Growth in Fermentation Processes

DuPont Industrial Biosciences announced today that it has been granted U.S. Patent 9,926,576 entitled “Prevention of Bacterial Growth in Fermentation Processes.” This patent issued by the U.S. Patent and Trademark Office covers the application of stabilized chlorine dioxide, the active ingredient in DuPont™ FERMASURE®, to reduce microbial contaminations in ethanol fermentations.

Acid producing bacteria are a constant challenge during the ethanol fermentation process, with the potential to reduce yield, consistency and profitability for biofuels producers. When used during fermentation, FERMASURE® controls bacterial growth without the need for antibiotics. DuPont scientists and technical service personnel have worked with the U.S. ethanol producers to validate the benefits of FERMASURE® brand stabilized chlorine dioxide in both batch and continuous fermentation conditions.

“FERMASUER® is an innovative technology, representing not just the best work of our scientists and researchers, but also the real-world value DuPont technologies deliver for our customers each day,” said Judy Underwood, global marketing director for Grain Processing at DuPont. “As a company committed to cutting-edge solutions, we’re thrilled to see this work recognized by the U.S. Patent and Trademark Office. DuPont will continue commercializing this effective, antibiotic-free microbial control solution with the additional intellectual property protection that this granted patent affords.”

Microbial control is a crucial part of ethanol production worldwide particularly as the demand for biofuels continues to grow. FERMASURE® is just one of the innovative offerings, including enzymes and engineered yeast solutions, that DuPont offers to help ethanol producers improve their yield and profitability.

About DuPont Industrial Biosciences
DuPont Industrial Biosciences works with customers across a wide range of industries to make products and industrial processes more efficient and sustainable. Through a unique combination of agriculture, biotechnology, chemistry and material science capabilities, we advance market-driven, biobased solutions to meet the needs of a growing population, while protecting our environment for future generations. For updates about how DuPont Industrial Biosciences is helping customers deliver cost-effective products with superior performance and sustainability, follow @DuPontBiobased on Twitter or visit our website at http://biosciences.dupont.com.

About DowDuPont Specialty Products Division
DowDuPont Specialty Products, a division of DowDuPont (NYSE: DWDP), is a global innovation leader with highly differentiated materials, ingredients and capabilities that help transform industries and everyday life. DowDuPont Specialty Products includes five technology-driven businesses: Electronic Technologies, Industrial Biosciences, Nutrition & Health, Protective Solutions and Sustainable Solutions. Our employees apply diverse science and expertise to help customers advance their best ideas and deliver real-world products and smart
solutions across multiple high-value markets. DowDuPont intends to separate the Specialty Products division into an independent, publicly traded company. More information can be found www.dow-dupont.com.

# # #

4/3/18

Contact:
Wendy Rosen
650-284-6429
wendy.rosen(at)dupont(dot)com
Contact Information
Wendy Rosen
DuPont
http://biosciences.dupont.com/
+1-650-284-6429

Online Web 2.0 Version
You can read the online version of this press release here.