



Cabot Norit Activated Carbon Solutions Remove Toxic Substances from Potable Water

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HYDRODARCO® 4000 and NORIT® GAC 400 Activated Carbons Enable Water Utilities to Meet U.S. EPA Health Advisory Limits for Removal of Toxic Poly- and Perfluoroalkyl Substances

BOSTON--(BUSINESS WIRE)--Sep. 25, 2017-- [Cabot Corporation](#) (NYSE: CBT) announces the availability of HYDRODARCO® 4000 and NORIT® GAC 400 [granular activated carbons](#) (GAC) for the removal of poly- and perfluoroalkyl substances (PFAs) including perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) in public water systems.

Over the past decade, there has been growing concern over these two environmental contaminants that have been used to manufacture a wide variety of consumer goods such as non-stick cookware, waxy food packaging, and stain resistant carpets and fabrics. While consumer products and food are a large source of exposure, [drinking water](#) is becoming of greater concern as these chemicals can contaminate water supplies. Once in the environment, these chemicals are persistent, toxic and pose risks to human health. As such, the United States Environmental Protection Agency (EPA) recently established a human Health Advisory Limit of 70 ppt for the combined exposure concentration of PFOS and PFOA in drinking water.

Cabot's activated carbon solutions remove natural and synthetic organic pollutants from surface and groundwater sources. Unlike other types of activated carbon, HYDRODARCO 4000 and NORIT GAC 400 activated carbons have optimized pore size distributions that provide a large quantity of adsorption sites for PFOA and PFOS removal. These Cabot activated carbon products resist interference from natural organic matter that can cause partial or complete blockage of the activated carbon pore structure, leading to reduced adsorptive capacity for target contaminants including PFOA and PFOS. Both solutions are certified by NSF International and are used in many drinking water applications globally.

"Our activated carbon products play an important role in helping public water systems provide potable water that is clean and safe to drink. Our research and development studies have shown that HYDRODARCO 4000 activated carbon delivers superior performance compared to other coal-based and coconut-based activated carbons in groundwater and can help public water utilities meet the recommended EPA Health Advisory Limit for PFOA and PFOS," said David Flannery, global market segment manager, Purifications Solutions segment. "In addition, our activated carbon solutions enable plant operators to treat larger quantities of water before change-out, which ultimately lowers operating costs."

To learn more about how Cabot's portfolio of high performance activated carbon products are addressing today's pollution control and recovery needs, please visit WEFTEC 2017 booth 837.

ABOUT CABOT NORIT ACTIVATED CARBON

Cabot is a global leader in the research, development, manufacturing and sale of high-performing activated carbon used in a growing range of environmental, health, safety and industrial applications. Our activated carbon products effectively remove pollutants, contaminants and other impurities from water, air, food and beverages, pharmaceuticals and more. These products are also used as colorants, carriers and catalysts in industrial processes. In addition to our over 150 activated carbon formulations, we also provide activated carbon solutions through on-site equipment and services, including activated carbon injection systems, mobile water filter units and carbon reactivation services.

ABOUT CABOT CORPORATION

Cabot Corporation (NYSE: CBT) is a global specialty chemicals and performance materials company, headquartered in Boston, Massachusetts. The company is a leading provider of [rubber](#) and [specialty carbons](#), [activated carbon](#), [inkjet colorants](#), [cesium formate drilling fluids](#), [masterbatches and conductive compounds](#), [fumed silica](#), and [aerogel](#). For more information on Cabot, please visit the company's [website](#) at: <http://www.cabotcorp.com>.

Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995: Statements in the press release regarding Cabot's business that are not historical facts are forward looking statements that involve risks and uncertainties. For a discussion of such risks and uncertainties, which could cause actual results to differ from those contained in the forward looking statements, see "Risk Factors" in the Company's Annual Report on Form 10-K.

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