



## **Albemarle and CB&I win EPA green chemistry award for AlkyClean® process technology**

June 14, 2016

CHARLOTTE, N.C., June 14, 2016 /PRNewswire/ -- [Albemarle Corporation](#) (NYSE: ALB) announced today that it and technology partner CB&I are recipients of the 2016 Presidential Green Chemistry Challenge Award by the U.S. Environmental Protection Agency (EPA) in cooperation with the American Chemical Society.

### **Albemarle Corp. Logo**

The award, which recognizes innovators on a national level for successfully researching, developing and implementing outstanding green chemical technologies, is in recognition of the breakthrough AlkyClean® process technology, jointly developed by Albemarle, CB&I and Neste Oil for exclusive use with Albemarle's zeolite-based AlkyStar™ catalyst. The world's first solid acid catalyst alkylation unit to use the catalyst was successfully [started up in in Shandong, China](#), in August 2015.

"Albemarle has been working side-by-side with our technology partners for several years to develop a commercially viable and safe option to produce high-quality alkylate without the use of liquid acid catalysts," said Silvio Ghyoot, president of Albemarle's Refining Solutions global business unit. "We are honored by this prestigious award and recognition of the unique AlkyClean technology for its potential as a game-changing technology for our refining customers."

Albemarle's AlkyStar catalyst, together with CB&I's novel reactor scheme, produces high-quality alkylates, a clean fuels blending component, without the use of liquid acid catalysts in the alkylate manufacturing process. Not only is AlkyClean technology inherently safer when compared to technologies employing liquid acids, there are also environmental benefits due to the reduction of waste streams such as spent acids and acid-soluble oils.

Albemarle and CB&I, along with all other award recipients, were formally recognized on June 13 at the 2016 Presidential Green Chemistry Challenge Awards Ceremony at the Hilton Portland and Executive Tower in Portland, Or.

### **About Albemarle**

Albemarle Corporation, headquartered in Charlotte, North Carolina, is a premier specialty chemicals company with leading positions in attractive end markets around the world. With a broad customer reach and diverse end markets, Albemarle develops, manufactures and markets technologically advanced and high value added products, including lithium and lithium compounds, bromine and bromine derivatives, catalysts and surface treatment chemistries used in a wide range of applications including consumer electronics, flame retardants, metal processing, plastics, contemporary and alternative transportation vehicles, refining, pharmaceuticals, agriculture, construction and custom chemistry services. Albemarle is focused on delivering differentiated, performance-based technologies that deliver innovative and sustainable solutions to its customers. The Company employs approximately 6,900 people and serves customers in approximately 100 countries.

AlkyStar™ is a trademark of Albemarle Corporation. AlkyClean® is a registered trademark of CB&I.

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements in this press release regarding Albemarle Corporation'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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To view the original version on PR Newswire, visit:<http://www.prnewswire.com/news-releases/albemarle-and-cbi-win-epa-green-chemistry-award-for-alkyclean-process-technology-300283747.html>

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