

ALBEMARLE[®] **Press Release**

Albemarle Certifies TRICAT to Offer REACT[™] Products and Services

Baton Rouge, LA, October 2, 2008 - Albemarle Corporation (NYSE: ALB), a leading global supplier of catalysts and additives for petroleum refining and alternative fuel production, has certified TRICAT Industries, Inc., as a supplier of catalyst regeneration services, for commercial application of REACT[™] technology for the rejuvenation of STARS[®] hydroprocessing catalysts. Effective immediately, TRICAT will be able to offer REACT products and services to refiners worldwide.

With this certification, Albemarle is responding to market demands for expanded availability of REACT catalyst products and services to better serve STARS catalysts customers worldwide. The certification allows TRICAT to better serve its customers with an enhanced portfolio of services and products.

Albemarle and its JV partner, Nippon Ketjen Co. Ltd., developed REACT technology so that refineries can maximize value from STARS hydroprocessing catalysts. The REACT process restores the performance of used STARS catalysts, allowing refineries to maximize the economic lifecycle of their hydroprocessing catalysts. The technology has been demonstrated successfully with several STARS catalysts, including KF 757, KF 760, KF 767, KF 848 and KF 905.

About TRICAT Industries, Inc.

TRICAT Industries, Inc. is a leading provider of catalyst services and supplier of catalytic products to the petroleum refining and allied petrochemical processing industries. TRICAT's patented ebullated bed design is the newest and most efficient off-site regeneration technology available. Through its operations in North America and Europe, TRICAT services the global needs of their customers with: regeneration services, rejuvenation services, pre-activation services, supply of 'guard bed' materials, resale of regenerated and rejuvenated catalysts for reuse, catalyst warehousing and management, and bed support materials. The addition of

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Albemarle's REACT technology to the existing TRICAT portfolio significantly enhances TRICAT's ability to provide maximum service to the petroleum industry.

About Albemarle Corporation

Albemarle's HPC business is part of the company's Catalysts business segment. Albemarle is a leader in hydroprocessing, fluidized catalytic cracking (FCC) and alternative fuel technologies and products, and is the world leader in performance and environmental additives technology for FCC refineries.

Albemarle Corporation, headquartered in Baton Rouge, Louisiana, is a leading global developer, manufacturer and marketer of highly engineered specialty chemicals for consumer electronics; petroleum and petrochemical processing; transportation and industrial products; pharmaceuticals; agricultural products; and construction and packaging materials. The Company operates in three business segments -- Polymer Additives, Catalysts and Fine Chemicals, and serves customers in approximately 100 countries. Learn more about Albemarle at <http://www.albemarle.com>.

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"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements in this press release regarding Albemarle Corporation's business which 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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