

NEWS RELEASE

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Millennium Specialty Chemicals to Market 2-PEA

HOUSTON, Dec. 6 2005 — Lyondell Chemical Company (NYSE:LYO) announced that it will shift the sales and marketing for its 2-phenyl ethyl alcohol (2-PEA) to Millennium Specialty Chemicals Inc., its wholly owned subsidiary.

This transfer of marketing operations, effective January 1, 2006, will help Lyondell get closer to its customers by utilizing Millennium's long-term position in the flavors and fragrance market.

"This is another important step in leveraging the synergies between Lyondell and Millennium," said Kevin DeNicola, senior vice president and chief financial officer. "It allows Lyondell to supply 2-PEA directly to the market instead of relying on a third-party."

Lyondell is a leading producer of 2-PEA, a rose-fragranced product, which is widely used as a base fragrance in detergents and deodorizers.

"The addition of 2-PEA fits in nicely with our product line of flavor and fragrance ingredients," said Douglas Rash, director of sales and marketing, Millennium Specialty Chemicals, a Lyondell company. "We welcome the addition of this product to our portfolio."

Millennium Specialty Chemicals has been a premium supplier of ingredients to the flavors and fragrance market for a number of years, and the business reports to DeNicola. It manufactures a variety of products used as industrial odor masks for cleaners, bases for fine perfumes and deodorants, mint flavors for mouthwashes and toothpastes, and citrus oils for

disinfectants.

For more information about 2-PEA or our other flavor and fragrance ingredients, please visit www.millenniumchem.com.

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Lyondell Chemical Company, headquartered in Houston, Texas, is North America's third-largest independent, publicly traded chemical company. Lyondell is a major global manufacturer of basic chemicals and derivatives including ethylene, propylene, titanium dioxide, styrene, polyethylene, propylene oxide and acetyls. It also is a significant producer of gasoline blending components. The company has a 58.75 percent interest in LYONDELL-CITGO Refining LP, a refiner of heavy, high-sulfur crude oil. Lyondell is a global company operating on five continents and employs approximately 10,000 people worldwide. Millennium Specialty Chemicals is a wholly owned subsidiary of Lyondell.