

April 10, 2024

MITSUBISHI GAS CHEMICAL COMPANY, INC.

**MGC to Expand Capacity at Electronic Materials & Overseas
Production Subsidiary**

Mitsubishi Gas Chemical Company, Inc. (MGC; Head Office: Chiyoda-ku, Tokyo; President: Masashi Fujii) has decided to expand the Texas Plant of MGC Pure Chemicals America, Inc. (MPCA; headquartered in Arizona, USA), a consolidated subsidiary that manufactures and markets super-pure hydrogen peroxide and super-pure ammonium hydroxide for use during the manufacturing process of semiconductors.

Leveraging its super-pure hydrogen peroxide and super-pure ammonium hydroxide manufacturing bases both in Japan and overseas, as well as a world-class analysis and quality assurance system, the Group has successfully expanded its business and achieved the top global market share. MGC is also branching out into other functional chemicals used in the semiconductor manufacturing process, all of which are in high demand from customers.

Super-pure hydrogen peroxide and super-pure ammonium hydroxide are primarily used as cleaning, etching, and abrading agents in the semiconductor wafer and device manufacturing processes. The increasing miniaturization of semiconductors in recent years has been generating growing demand for a higher-quality chemical solution. The market for semiconductors will likely continue to grow in the long term with advancements in IoT and AI technologies expanding the range of semiconductor applications.

Against this backdrop, MPCA, which boasts the largest supply capacity in North America, is experiencing growing demand from major customers who are building state-of-the-art plants and need solutions to reduce supply risk and ensure a stable supply of high-quality product.

MPCA is currently expanding its Oregon plant in advance of the Texas plant expansion. By increasing production capacity in North America in response to customer and market trends, MPCA will contribute to the further growth of the semiconductor industry and aim for further development as a leading company in electronic industrial chemicals, which are indispensable for semiconductor manufacturing.

(1) MPCA Outline

Year of establishment: 1995
Capital: USD 137 million
Head office and plant location: Mesa, Arizona, USA
Current capacity: 140,000 tons/year of super-pure hydrogen peroxide*¹
8,400 tons/year of super-pure ammonium hydroxide*²
Number of employees: 185 (as of January 1, 2024)

(2) Outline of Expansion Plan

Base name: MPCA Texas Plant (Killeen, Texas, USA)
Production capacity (expanded by): 35,000 tons/year of super-pure hydrogen peroxide*¹
5,000 tons/year of super-pure ammonium hydroxide*²
Schedule: Production is scheduled to start in June 2025

Base name: MPCA Oregon Plant (Forest Grove, Oregon, USA)
Production capacity (expanded by): 35,000 tons/year of super-pure hydrogen peroxide*¹
Schedule: Production to start in September 2024

*1 as 31%

*2 as 29%

END

INQUIRIES

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