



## Construction of Two New Plants for Super-pure Hydrogen Peroxide in North America

 **MITSUBISHI GAS CHEMICAL COMPANY, INC.**

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Mitsubishi Gas Chemical Company, Inc. (MGC; Head Office: Chiyoda-ku, Tokyo; President: Toshikiyo Kurai) has decided to build two new plants for MGC Pure Chemicals America, Inc. (MPCA), a consolidated subsidiary producing and distributing super-pure hydrogen peroxide. In the future, the new production sites for this chemical compound used in semiconductor manufacturing processes will also operate in the U.S. States of Oregon and Texas.

Operating three production sites in Japan (Mie, Kanagawa and Saga) and four overseas (South Korea, the USA, Singapore and Taiwan) for super-pure hydrogen peroxide today, the MGC Group is a global leader featuring the highest quality standards and underlying analysis and quality assurance capabilities. As such, MGC has successfully been expanding its customer base.

Super-pure hydrogen peroxide is used primarily as a cleaning, etching and abrading agent in 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.

This explains why customers, especially in North America, generate increasing demand for the quality super-pure hydrogen peroxide from the MGC Group. Even more than ever, we are expected to operate multiple production sites to reduce supply risk and ensure a stable supply of high-quality products.

With the construction of the new plants, the MGC Group will have three production sites for the chemical compound in North America in the future, doubling our production capacity in the region. We will thus contribute to the further growth of the semiconductor market and strive to grow even further as a global leader in the super-pure hydrogen peroxide industry.

### 1. Overview of MPCA

Established: 1995

Capital: \$US 5 million

Head office and plant location: Arizona, the USA

Current production capacity: 70,000 t of super-pure hydrogen peroxide per year

Number of employees: 96 (as of June 15, 2017)

## 2. Overview of the Construction Plans for New Plants

Total investment: more than \$US 60 million

- New Plant in Oregon

Production capacity: 35,000 t/year

Production start: 2019

- New Plant in Texas

Production capacity: 35,000 t/year

Production start: 2019

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