

April 10, 2017  
 Mitsui Chemicals, Inc.

## **Mitsui Chemicals; Startup of Electrolyte Solution Production Facilities at Nagoya Works**

- Bolstering mobility business to capture share in Japan's eco-friendly car market -

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: Tsutomu Tannowa; "Mitsui Chemicals") has announced the startup of its electrolyte solution production facilities, which have been built at Nagoya Works to accommodate growing domestic demand for lithium-ion battery-use electrolyte solution.



[Outline of electrolyte solution production facilities]

1. Location	Nagoya Works, Mitsui Chemicals (1, Tangodori 2-chome, Minami-ku, Nagoya, Aichi)
2. Production capacity	5,000 tons/year
3. Startup	April 2017

Demand for lithium-ion batteries has expanded in line with growth of laptop, smartphone, and tablet device markets. In the future, eco-friendly hybrid and electric vehicles are expected to become widespread in East Asia including China, and in Japan as well, growth in the electrolyte solution market is forecasted especially for vehicles.

Mitsui Chemicals owns electrolyte solution production facilities at Formosa Mitsui Advanced Chemicals Co., Ltd. ("FMAC") in China, a joint venture between Mitsui Chemicals and Formosa Plastics Corporation (Taiwan: 1301; Chairman & President: Jason Lin; "Formosa Plastics") to respond to rising domestic demand for lithium-ion battery-use electrolyte solution.

Domestically, it has developed an electrolyte solution business in the form of contract production. With the startup of new facilities at Nagoya Works, Mitsui Chemicals intends to actively promote domestic business expansion and gradually move away from its existing

contract production toward production at the new facilities.

Mitsui Chemicals is also advancing the expansion of its electrolyte solution production facilities at FMAC for startup in November 2017, to enhance the production and supply systems in preparation for further market expansion.

Mitsui Chemicals has positioned the mobility domain as one of its key growth drivers. Among other products, development of the lithium-ion battery-use electrolyte solution is gathering momentum in this domain. Mitsui Chemicals will put in place a system to produce and distribute high quality electrolyte solution, taking advantage of its many years of technical expertise. In doing so, it will continue to strengthen and expand its electrolyte solution business with a focus on the mobility domain.

Reference [Profile of FMAC]

1. Name	Formosa Mitsui Advanced Chemicals Co., Ltd.
2. Establishment	August 2013
3. Capital	US\$ 8.2 million
4. Equity ratio	Mitsui Chemicals 50%, Formosa Plastics 50%
5. Location	FPC industrial complex in Ningbo, China
6. Business	Manufacture, sales and research for electrolyte solution in China
7. Capacity	Current: 1,500 tons/year After expansion: 5,000 tons/year (startup scheduled for November 2017)