

Press Release

Media Contact: James Bruno
Eastar Chemical Corporation
Phone : 800-898-2436
e-mail: info@eastarchem.com

Eastar Creates Excitement at Semicon West 2007

August 17, 2007



(L to R: George Chu, CFO; Dan Reichman, Commodity Sales; Bob Small, Technical Advisor)

At the recent Semicon West 2007 trade show held in July in San Francisco, Eastar Chemical Corporation contributed to the buzz of excitement at the show with its line of electronic grade chemicals designed and produced for the semiconductor industry.

Eastar provides the industry with a variety of specialty, high purity chemicals including Tetramethylammonium Hydroxide (TMAH), Benzocyclobutene (BCB), 4-

Bromobenzocyclobutene (BBCB) and many others. TMAH was the product of note at Semicon West.

The TMAH manufacturing facility was established in 2001, and, since becoming ISO9001:2000 certified in 2004, has produced over 18,000 metric tons of TMAH for the electronics industry. It is also ISO14000 certified and its environmental performance is regularly audited by Eastar. A current capacity expansion will enable the company to supply 20,000 metric tons per year by 2008. Leading firms in the U.S. and Asia look to Eastar as a key supplier of this necessary material. Interest is growing in the European market as well.

The production route involves synthesis of Tetramethylammonium Carbonate from Trimethylamine and Dimethyl Carbonate followed by electrolysis. The impure TMAH produced from this reaction is filtered using Mykrolis technology. A world class electrolysis process, ultra-pure water system, automated filling equipment and specially designed and imported drums, combined with extensive auditing and quality control



Press Release

measures ensure that the TMAH produced consistently and reliably meets the strict quality and purity criteria required for semiconductor applications.

In the near future, Eastar plans to introduce several additional products as part of its electronic chemicals line. Scientists in China and the US are working closely together to develop processes for the production of Benzyltrimethylammonium Hydroxide (BTMAH) and CMP slurries based on Tungsten, Copper and Colloidal Silica.

For more information about TMAH and other electronic grade products from Eastar Chemical Corporation, please visit the company website at www.eastarchem.com.

About Eastar Chemical Corporation: A California based company, Eastar Chemical Corporation is a custom / toll manufacturer offering both process development and chemical manufacturing services to the pharmaceutical, electronic, veterinary, agrochemical, specialty polymers, and other specialty chemical industries. With over 20 years of manufacturing experience in China, Eastar has fine tuned its own and partner production capabilities to provide a wide range of high quality, reliable, manufacturing and development services with an awareness of and focus on the maintenance of confidentiality and intellectual property rights. Eastar is committed to the principles of Product Stewardship and is a long standing member of SOCMA and DCAT.