

September 8, 2008

Mitsui Chemicals, Inc.

Mitsui Chemicals to Acquire the Company's Own Shares Through ToSTNeT-3

Mitsui Chemicals, Inc. ("MCI") hereby announces that the method of acquisition of its own shares in the market pursuant to Article 156 of the Corporation Law of Japan as modified by the provision of 165 (3) of the same law. The details of the resolution are as follows:

1. Method of Acquisition

Shares will be purchased through Off-Auction Own Share Repurchase Trading (ToSTNeT-3) of the Tokyo Stock Exchange at 8:45 am on September 9, 2008 at the closing price of ¥566 on September 8, 2008 at the First Section of the Tokyo Stock Exchange. (The transaction will neither be executed by other trading systems nor at another trading time.) The purchase order will be executed within the trading time concerned.

2. Contents of Acquisition:

1) Class of shares to be acquired: Shares of common stock of MCI

2) Number of shares to be acquired: 17,667,000 shares

***1 Number of shares concerned will not be changed. A part or all of shares may not be purchased due to market conditions.**

***2 The purchase will be executed by the selling order equivalent to the number of shares planned to be acquired.**

***3 Total acquisition cost:**

No greater than 9,999,522,000 Japanese yen

3) Announcement of Acquisition:

Result of acquisition will be announced after the completion of acquisition at 8:45am on September 9, 2008.

(Reference)

Resolution of the Acquisition (announced on August 29, 2008)

- Class of shares to be acquired: Shares of Common stock of MCI

- Number of shares to be acquired: Up to 20,000,000 shares

- Total acquisition cost:

No greater than 10,000,000,000 Japanese yen

- The progress as of September 8, 2008

Total number of shares purchased: 0 shares

Total cost of shares purchased: 0 Japanese yen