

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) November 22, 2005

Air Products and Chemicals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware

1-4534

23-1274455

(State or Other Jurisdiction of Incorporation)

(Commission File Number)

(IRS Employer Identification No.)

7201 Hamilton Boulevard, Allentown, Pennsylvania

18195-1501

(Address of Principal Executive Offices)

(Zip Code)

(610) 481-4911

Registrant's telephone number, including area code

not applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (See General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01. Regulation FD Disclosure.

On November 22, 2005, the company published Current Business Information, including consolidated sales and product volumes for October 2005, on its website at <http://www.airproducts.com/Invest/financialnews/current.htm>. A copy of the Current Business Information dated November 22, 2005 is attached as Exhibit 99.1 to this Form 8-K. This Current Business Information is being furnished; it is not deemed to be filed.

Item 9.01 Financial Statements and Exhibits.

(c) Exhibits

99.1 Current Business Information dated November 22, 2005.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Air Products and Chemicals, Inc.
(Registrant)

Dated: November 23, 2005

By: /s/ Paul E. Huck
Paul E. Huck
Vice President and Chief Financial Office

Current Business Information

Quarter-to-Date
November 22, 2005

| | October 2005 % Change vs. Prior Year | Commentary |
|--------------------------------------|--|--|
| Consolidated Sales | 6 | Gases and Chemicals both higher versus prior year. |
| Electronics Sales 3 month average** | 5 | Specialty material volumes continue to increase. On-site/pipeline business higher as well. Strong prior year equipment sales. |
| EPI On-site/Pipeline Volume | (20) | HyCO volumes impacted by the after effects of Hurricanes Katrina and Rita. |
| Asia Liquid/Bulk Volume | 16 | Strong liquid demand across the region, particularly Taiwan and Korea. |
| <u>North America Gases:</u> | | |
| Liquid/Bulk Volume | (8) | LOX/LIN up 4%, LHY volumes impacted by hurricane and supplier outage in Sarnia. |
| LOX/LIN Price | 4 | Pricing programs and surcharges. |
| <u>Europe Gases:</u> | | |
| Liquid/Bulk Volume | 3 | LOX & LIN volumes generally stronger across the continent and weaker in the UK. |
| Cylinder Volume | 0 | |
| LOX/LIN Price | 2 | Pricing programs and favorable mix. |
| <u>Chemical Sales Volume:</u> | | |
| Performance Volume | (3) | Surfactants volumes higher but offset by lower volumes in Epoxies and Emulsions. Continuing to raise prices to offset higher raw material costs. |
| Intermediates Volume | 6 | Polyurethane Intermediates volumes higher (customer outage in PY), Amines soft. |

** Three month rolling average; excludes Liquid/Bulk revenues and equity affiliate revenues.

Note: We are providing this information at the request of financial analysts and investors who have indicated that it would assist them in understanding recent business trends at Air Products. This information is based on current estimates and data that we believe in our judgment to be reliable. Please keep in mind that sales volumes and prices are not the only factors that determine future financial performance. Many other factors including raw material, energy, distribution and overhead costs and other price changes also influence earnings.