
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):

December 20, 2005

Air Products and Chemicals, Inc.

(Exact name of registrant as specified in its charter)

Delaware

1-4534

23-1274455

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(I.R.S. Employer
Identification No.)

7201 Hamilton Boulevard, Allentown, Pennsylvania

18195-1501

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

610 481-4911

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:

- 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 December 20, 2005, the company published Current Business Information, including consolidated sales and product volumes for October and November 2005, on its website at <http://www.airproducts.com/Invest/financialnews/current.htm>. A copy of the Current Business Information dated December 20, 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 December 20, 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.

December 21, 2005

By: *Paul E. Huck*

Name: Paul E. Huck

Title: Vice President and Chief Financial Officer

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Current Business Information dated December 20, 2005.

	October and November (% change) vs. PY	Commentary
Consolidated Sales	7	Gases segment higher versus prior year.
Electronics Sales 3-month rolling average**	(1)	Specialty material volumes continue to increase. On-site/pipeline business higher as well. Electronic sales were up 14% excluding equipment.
EPI On-site/Pipeline Volume	(11)	HyCO volumes improved sequentially; comparison vs. PY still being impacted by the aftereffects of hurricanes Katrina and Rita.
Asia Liquid/Bulk Volume	23	Strong liquid demand across the region, particularly Taiwan and Korea.
North America Gases		
Liquid/Bulk Volume	(6)	LOX/LIN up 9%, LHY volumes impacted by hurricane and supplier outage in Sarnia.
LOX/LIN Price	5	Pricing programs and surcharges
Europe Gases		
Liquid/Bulk Volume	2	LOX and LIN volumes generally stronger across the continent and weaker in the UK.
Cylinder Volume	1	Additional workday.
LOX/LIN Price	2	Pricing programs and favorable mix.
Chemical Sales Volume	(3)	
Performance Volume	(5)	Lower volumes in Emulsions as a result of price increases to offset higher raw material costs.
Intermediates Volume	1	Polyurethane Intermediates volumes higher due to customer outage in PY.

**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.