
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):

February 21, 2006

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 February 21, 2006, the company published Current Business Information, including consolidated sales and product volumes for January 2006 on its website at <http://www.airproducts.com/Invest/financialnews/current.htm>. A copy of the Current Business Information dated February 21, 2006, 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 February 21, 2006.

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.

February 21, 2006

By: *W. Douglas Brown*

Name: W. Douglas Brown

Title: Vice President, General Counsel and Secretary

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Current Business Information dated February 21, 2006.

**January 2006
 % Change
 vs.
 Prior Year**

Commentary

Consolidated Sales	17	Growth across all three business segments.
Electronics Sales	3	Specialty material volumes continue to increase. On-site/pipeline business higher as well. Electronic sales were up 15% excluding equipment.
3 Mo Rolling Avg**		
EPI On-site/Pipeline Volume	7	HyCO volumes up 12%.
Asia Liquid/Bulk Volume	13	Good growth, albeit a bit below recent trend due to the Lunar New Year holidays.
North America Gases:		
Liquid/Bulk Volume	1	LOX/LIN, LAR and LHe volumes all up 6-7%. LHY volumes improved sequentially, but we were still limited by Katrina and the delayed restart of feedstock supply in Samia.
LOX/LIN Price	10	Pricing programs and surcharges.
Europe Gases:		
Liquid/Bulk Volume	6	Good growth driven by Isle of Grain, UK and strength on the northern continent.
Cylinder Volume	2	One additional workday this year.
LOX/LIN Price	1	
Chemical Sales Volume:	(3)	
Performance Volume	3	Surfactants and Polyurethane Chemical volumes strong. Emulsions volumes up modestly. Continued weakness in Asia epoxy additives.
Intermediates Volume	(11)	Polyurethane Intermediates volumes flat YOY as lower DNT demand is being offset by increased TDA activity. Methyls and Higher Amines both lower versus prior year.

** 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.