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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):

June 16, 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 June 16, 2006, the company published Current Business Information, including consolidated sales and product volumes for April and May on its website at <http://www.airproducts.com/Invest/financialnews/current.htm>. A copy of the Current Business Information dated June 16, 2006, is attached as Exhibit 99.1 to this Form 8-K. The 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 June 16, 2006.

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**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.

June 19, 2006

By: *Paul E. Huck*

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*Name: Paul E. Huck*

*Title: Vice President and Chief Financial Officer*

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Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Current Business Information dated June 16, 2006.

## Current Business Information

Quarter-To-Date

June 16, 2006

**April and May 2006**  
**% Change**  
**vs.**  
**Prior Year**

	<b>April and May 2006 % Change vs. Prior Year</b>	<b>Commentary</b>
<b>Consolidated Sales</b>	11	Growth in Gases and Equipment. Chemicals flat due to portfolio restructuring.
<b>Electronics Sales 3 Mo Rolling Avg**</b>	9	Specialty material volumes continue to increase while equipment revenues were lower due to project timing.
<b>EPI On-site/Pipeline Volume</b>	7	HyCO volumes up 15%. GOX/GAN volumes lower due to maintenance outages.
<b>Asia Liquid/Bulk Volume</b>	27	Strong growth continues across the region.
<b>North America Gases:</b>		
Liquid/Bulk Volume	1	LOX/LIN volumes up 3%. LHY volumes still recovering from prior supply disruptions.
LOX/LIN Price	12	Pricing programs and surcharges continue.
<b>Europe Gases:</b>		
Liquid/Bulk Volume	5	Good growth including some spot activity. New business signings continue to be encouraging.
Cylinder Volume	1	Volumes up 6% after adjusting for fewer workdays this year.
LOX/LIN Price	5	Pricing programs across the region.
<b>Chemical Sales Volume:</b>		
Performance Volume	4	Strong rebound in May volumes. Growth across Epoxy Additives, Surfactants and Polyurethane Additives.
Amines, PUI & Polymers Volumes	(14)	Emulsions volumes slightly higher. Polyurethane Intermediates volumes: lower DNT volumes due to customer shutdown partially offset by increased TDA volumes. Methylamines volumes continue to be 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.