# 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):

May 22, 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 na	ame or former address, if changed since las	t report
Check the appropriate box below if the Form 8-K filing is interprovisions:	ended to simultaneously satisfy the filing of	obligation of the registrant under any of the following
Written communications pursuant to Rule 425 under the Soliciting material pursuant to Rule 14a-12 under the Except Pre-commencement communications pursuant to Rule 14 Pre-commencement communications pursuant to Rule 13	change Act (17 CFR 240.14a-12) d-2(b) under the Exchange Act (17 CFR 2	

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#### Item 7.01 Regulation FD Disclosure.

On May 22, 2006, the company published Current Business Information, including consolidated sales and product volumes for April on its website at http://www.airproducts.com/Invest/financialnews/current.htm. A copy of the Current Business Information dated May 22, 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 May 22, 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.

By: W. Douglas Brown

Name: W. Douglas Brown

Title: Vice President, General Counsel and Secretary

May 22, 2006

#### Exhibit Index

Exhibit No.	Description		
99 1	Current Business Information dated May 22, 2006		

Quarter-To-Date

May 22, 2006

	April 2006 % Change	
	vs.	
Consolidated Sales	Prior Year 5	Growth in Gases and Equipment. Chemicals slightly lower due to portfolio restructuring. Sales growth limited by fewer workdays (Easter holidays).
Electronics Sales 3 Mo Rolling Avg**	18	Specialty material volumes continue to increase.
EPI On-site/Pipeline Volume	1	HyCO volumes up 4%. GOX/GAN volumes lower in Europe due to maintenance outage.
Asia Liquid/Bulk Volume	24	Good growth continues, particularly in China and Taiwan.
North America Gases:		
Liquid/Bulk Volume	(1)	LOX/LIN volumes up 3%. LHY volumes still recovering from prior supply disruptions.
LOX/LIN Price	10	Pricing programs and surcharges.
Europe Gases:		
Liquid/Bulk Volume	(5)	Fewer workdays; Easter holiday impacts. New business signings continue to be encouraging.
Cylinder Volume	(7)	Volumes up 3% after adjusting for few workdays this year.
LOX/LIN Price	10	Pricing programs across the region and favorable mix impacts.
Chemical Sales Volume:	(7)	Volumes exclude Tomah acquisition and Geismar divestiture.
Performance Volume	(5)	Growth in Epoxy Additives volumes in Asia was more than offset by lower Polyurethane Chemical volumes due to order pattern/timing.
Amines, PUI & Polymers Volumes	(8)	Emulsions volumes lower partially due to fewer workdays. Polyurethane Intermediates volumes: lower DNT volumes due to customer shutdown partially offset by increased TDA volumes. Methylamines volumes continue to be soft.

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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.

<sup>\*\*</sup> Three month rolling average; excludes Liquid/Bulk revenues and equity affiliate revenues.