
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):

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

September 25, 2006

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 September 22, 2006.

Current Business Information

Quarter-To-Date

September 22, 2006

July & August 2006
% Change
vs.
Prior Year

Commentary

Consolidated Sales	18	Strong growth in Gases and Equipment, and Performance Materials.
Electronics Sales 3 Mo Rolling Avg**	17	Tonnage revenues and specialty material volumes continue to increase.
EPI On-site/Pipeline Volume	25	Volumes strong across most franchises.
Asia Liquid/Bulk Volume	21	Strong growth in China continues.
North America Gases:		
Liquid/Bulk Volume	3	Growth across all major products. Tight operating conditions.
LOX/LIN Price	11	Pricing programs and surcharges continue to recover higher energy costs.
Europe Gases:		
Liquid/Bulk Volume	9	Good growth including some spot activity.
Cylinder Volume	1	
LOX/LIN Price	1	Pricing programs across the region.
Chemical Sales Volume:		
Performance Volume	15	Growth across Epoxy Additives, Surfactants and Polyurethane Additives.
Amines, PUI & Polymers Volumes	(20)	Good growth in Emulsions was more than offset by weakness in Polyurethane Intermediates (customer shutdowns). Amines volumes mixed.

** 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.