AIR PRODUCTS & CHEMICALS INC /DE/ Form 8-K April 21, 2011

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) April 21, 2011

Air Products and Chemicals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction

1-4534 (Commission 23-1274455 (IRS Employer

of Incorporation) File Number) Identification No.)

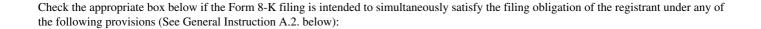
7201 Hamilton Boulevard, Allentown, Pennsylvania (Address of Principal Executive Offices) (610) 481-4911

18195-1501 (Zip Code)

Registrant s telephone number, including area code

not applicable

(Former Name or Former Address, if Changed Since Last Report)



- 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))

Item 2.02. Results of Operations and Financial Condition.

On April 21, 2011, the company issued a press release announcing its earnings for the second quarter of fiscal year 2011. A copy of the press release is attached as Exhibit 99.1 to this Form 8-K. The press release, including all financial statements, is furnished and is not deemed to be filed.

Item 9.01. Financial Statements and Exhibits.

- (d) Exhibits
- 99.1 Press Release dated April 21, 2011.

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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.

<u>Air Products and Chemicals, Inc.</u> (Registrant)

Dated: April 21, 2011 By: /s/ Paul E. Huck Paul E. Huck

Senior Vice President and Chief Financial Officer

Exhibit Index

Exhibit

No. Description

99.1 Press Release dated April 21, 2011.

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