AIR PRODUCTS & CHEMICALS INC /DE/ Form 8-K June 19, 2012

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) 19 June 2012

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)

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 (See General Instruction A.2. below):

- 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 7.01. Regulation FD Disclosure.

The attached exhibit contains a presentation made by John E. McGlade, Chairman, President and Chief Executive Officer and Paul E. Huck, Senior Vice President and Chief Financial Officer, which is being furnished in accordance with Rule 101(e)(1) under Regulation FD and shall not be deemed to be filed for purposes of Section 18 of the Securities Act of 1934, as amended, and will not be incorporated by reference into any registration statement filed under the Securities Act of 1933, as amended, unless specifically identified therein as being incorporated by reference.

Item 9.01. Financial Statements and Exhibits.

- (d) Exhibits
- 99.1 Slides

2

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: 19 June 2012 By: /s/ Paul E. Huck Paul E. Huck

Senior Vice President and Chief Financial Officer

3

Exhibit Index

Exhibit

No. Description 99.1 Slides

4