

AIR PRODUCTS & CHEMICALS INC /DE/  
Form 8-A12B  
August 07, 2013

# SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

## FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES

PURSUANT TO SECTION 12(b) OR 12(g) OF

THE SECURITIES EXCHANGE ACT OF 1934

### **Air Products and Chemicals, Inc.**

(Exact Name of Registrant as Specified in Its Charter)

**Delaware**  
(State of Incorporation or Organization)

**23-1274455**  
(I.R.S. Employer Identification No.)

**7201 Hamilton Boulevard**

**Allentown, Pennsylvania**  
(Address of Principal Executive Offices)

**18195-1501**  
(Zip Code)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box:  x

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If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box: "

**Securities Act registration statement file number to which this form relates:**

**333-178120**

**Securities to be registered pursuant to Section 12(b) of the Act:**

<b>Title of Each Class</b>	<b>Name of Each Exchange on Which</b>
<b>to be so Registered 2.000% Notes due 2020</b>	<b>Each Class is to be Registered New York Stock Exchange</b>

**Securities to be registered pursuant to Section 12(g) of the Act:**

**None**

**(Title of Class)**

**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

**Item 1. Description of Registrant's Securities to be Registered.**

Air Products and Chemicals, Inc. (the Company) hereby incorporates by reference the description of its securities to be registered hereunder contained in the Prospectus dated November 22, 2011 under Description of Securities and in the Prospectus Supplement dated July 31, 2013, under Description of Notes, filed with the Securities and Exchange Commission (the Commission) on August 2, 2013 under Rule 424(b)(5) under the Securities Act of 1933, as amended (the Act), pursuant to a Registration Statement on Form S-3 (No. 333-178120) previously filed with the Commission under the Act.

**Item 2. Exhibits.**

1. Indenture dated as of January 10, 1995, between the Company and The Bank of New York Mellon Trust Company, N.A., as successor to U.S. Bank National Association (formerly Wachovia Bank, National Association and initially First Fidelity Bank, National Association), as Trustee. (Incorporated by reference to Exhibit 4(a) to the Company's Registration Statement No. 33-57357.)
2. Form of 2.000% Notes due 2020.

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, thereto duly authorized.

Air Products and Chemicals, Inc.

Date: August 7, 2013

By: /s/ John D. Stanley  
Name: John D. Stanley  
Title: Senior Vice President, General Counsel

and Chief Administrative Officer

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