

AIR PRODUCTS & CHEMICALS INC /DE/  
Form S-8  
March 19, 2009

As filed with the Securities and Exchange Commission on March 19, 2009

Registration No. \_\_\_\_\_

**SECURITIES AND EXCHANGE COMMISSION**

**WASHINGTON, DC 20549**

**FORM S-8**

**REGISTRATION STATEMENT**

*UNDER*

*THE SECURITIES ACT OF 1933*

**AIR PRODUCTS AND CHEMICALS, INC.**

(Exact Name of Registrant as Specified in Its Charter)

**Delaware**

(State or Other Jurisdiction 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)

**Air Products and Chemicals, Inc. Retirement Savings Plan**

(Full Title of the Plan)

**Stephen J. Jones, Senior Vice President, General Counsel and Secretary**

**Air Products and Chemicals, Inc., 7201 Hamilton Boulevard, Allentown, PA 18195-1501**

(Name and Address of Agent for Service)

**610-481-4911**

(Telephone Number, Including Area Code, of Agent for Service)

**CALCULATION OF REGISTRATION FEE**

	<b>Amount</b>	<b>Proposed</b>	<b>Proposed</b>	
	<b>to be</b>	<b>maximum</b>	<b>maximum</b>	
	<b>registered</b>	<b>offering price</b>	<b>aggregate</b>	<b>Amount of</b>
<b>Titles of securities to be registered</b>	<b>registered</b>	<b>per share</b>	<b>offering price</b>	<b>registration fee<sup>(1)</sup></b>
Common Stock, par value \$1	4,000,000	\$50.06	\$200,240,000.00	\$11,173.39

In addition, pursuant to Rule 416(c) under the Securities Act of 1933, this registration statement also covers an indeterminate amount of interests to be offered or sold pursuant to the employee benefit plan described herein.

- (1) The registration fee with respect to these shares has been computed in accordance with paragraphs (c) and (h) of Rule 457, based upon the average of the reported high and low sales prices of shares of Common Stock on 12 March 2009 (i.e., \$50.06 per share).

**EXPLANATORY NOTE**

This updated registration Statement is being filed to reflect the Company's amendment and restatement of the Air Products and Chemicals, Inc. Retirement Savings and Stock Ownership Plan including to rename it the Air Products and Chemicals, Inc. Retirement Savings Plan (the Plan) and to register additional shares of common stock of the Company for distribution under the Plan.

**PART I**

**INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS**

The information specified in Item 1 and Item 2 of Part I of the Registration Statement is omitted from this filing in accordance with the provisions of Rule 428 under the Securities Act and the introductory note to Part I of the Registration Statement. The documents containing the information specified in Part I will be delivered to the participants in the Plan covered by this Registration Statement as required by Rule 428(b)(1).

**PART II**

**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

The Company incorporates by reference in this Registration Statement the following documents and information previously filed with the Securities and Exchange Commission (the Commission):

The Company's Annual Report on Form 10-K for the year ended September 30, 2008.

The Company's Quarterly Report on Form 10-Q for the fiscal quarter ended December 31, 2008.

The Company's Current Reports on Form 8-K to the extent filed with the Commission after September 30, 2008.

The Plan's Annual Report on Form 11-K for the year ended September 30, 2007.

The description of the Common Stock contained in the Company's registration statement on Form S-8 (File No. 033-31195) including any amendment or report subsequently filed for the purpose of updating that description.

All documents filed with the Commission by the Company pursuant to Sections 13(a), 13(c), 14, or 15(d) of the Exchange Act, subsequent to the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents.

Any statement contained herein or in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is, or is deemed to be, incorporated by reference herein modified or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 4. Description of Securities.**

Note applicable.

**Item 5. Interests of Named Experts and Counsel.**

Note applicable.

**Item 6. Indemnification of Directors and Officers.**

Section 145 of the Delaware Corporation Law gives corporations the power to indemnify officers and directors under certain circumstances.

Article Ninth of the registrant's Restated Certificate of Incorporation, as amended, contains provisions which provide for indemnification of certain persons (including officers and directors). The Restated Certificate of Incorporation, and its amendment, are filed as an exhibit to the registrant's Annual Report on Form 10-K for the fiscal years ended September 30, 1987 and September 30, 1996, respectively.

The registrant maintains insurance that generally insures the officers and directors of the registrant and its subsidiaries (as defined in said policy) against liabilities incurred in such capacities and insures the registrant with respect to amounts to which officers and directors become entitled as indemnification payments from the registrant, subject to certain specified exclusions and deductible and maximum amounts. The registrant also maintains a policy of insurance that insures, among others, certain officers and directors of the registrant and certain of

its subsidiaries against liabilities incurred for Breach of Fiduciary Duty (as defined in said policy) with respect to their performance of their duties and responsibilities in connection with certain pension and retirement plans of the registrant and certain of its subsidiaries, subject to certain specified exclusions and deductible and maximum amounts.

**Item 7. Exemption from Registration Claimed.**

Not applicable.

**Item 8. Exhibits**

4. Air Products and Chemicals, Inc. Retirement Savings Plan (incorporated by reference to Exhibit 10.27 to the Company's Form 10-K Report for the fiscal year ended September 30, 2007)

23. Consents of KPMG LLP

24. Power of Attorney

**Item 9. Undertakings.**

*(a) Rule 415 offering.*

The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

Provided, however, that paragraphs (1)(i) and 1(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

*(b) Filings incorporating subsequent Exchange Act Documents by Reference.*

The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

*(h) Filing of Registration Statement on Form S-8.*

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers, and controlling persons of the registrant pursuant to the provisions described under Item 6 above, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liability (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer, or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

**SIGNATURES**

*The Registrant.* Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Allentown, Commonwealth of Pennsylvania, on this 19<sup>th</sup> day of March 2009.

AIR PRODUCTS AND CHEMICALS, INC.  
(Registrant)

By /s/ Stephen J. Jones  
Stephen J. Jones\*  
Senior Vice President, General Counsel and  
Secretary

(\*) Stephen J. Jones, Senior Vice President, General Counsel and Secretary, by signing his name hereto, signs this registration statement on behalf of the registrant and, for each of the persons indicated by asterisk on pages 6 and 7 hereof, pursuant to a power of attorney duly executed by such persons, which is filed with the Securities Exchange Commission herewith.

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Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
/s/ John E. McGlade	Director, Chairman of the Board, President and Chief Executive Officer	19 March 2009
John E. McGlade	(Principal Executive Officer)	
/s/ Paul E. Huck	Senior Vice President and Chief Financial Officer	19 March 2009
Paul E. Huck	(Principal Financial Officer)	
/s/ M. Scott Crocco	Vice President and Corporate Controller	19 March 2009
M. Scott Crocco	(Principal Accounting Officer)	
* Mario L. Baeza	Director	19 March 2009
* William L. Davis, III	Director	19 March 2009
* Michael J. Donahue	Director	19 March 2009
* Ursula O. Fairbairn	Director	19 March 2009
* W. Douglas Ford	Director	19 March 2009
* Edward E. Hagenlocker	Director	19 March 2009



<b>Signature</b>	<b>Title</b>	<b>Date</b>
* Evert Henkes	Director	19 March 2009
* Margaret G. McGlynn	Director	19 March 2009
* Charles H. Noski	Director	19 March 2009
* Lawrence S. Smith	Director	19 March 2009

EXHIBIT INDEX

<b>Exhibit</b>		<b>Page</b>
4.	Air Products and Chemicals, Inc. Retirement Savings Plan (incorporated by reference to Exhibit 10.27 to the Company's Form 10-K Report for the fiscal year ended September 30, 2007)	N/A
23.1	Consent of Independent Registered Public Accounting Firm	
23.2	Consent of Independent Registered Public Accounting Firm	
24.	Power of Attorney	

No opinion of counsel is being filed because the Common Stock to be distributed in connection with the Plan will consist exclusively of previously issued shares that are presently held by the registrant as treasury shares and will not constitute original issuance shares; further, no opinion is being furnished with respect to ERISA compliance because the Plan covered by the registration statement is not subject to the requirements of ERISA.