

AIR PRODUCTS & CHEMICALS INC /DE/

Form S-8

March 16, 2007

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As filed with the Securities and Exchange Commission on March 16, 2007

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 18195-1501

(Address of Principal Executive Offices) (Zip Code)  
Air Products and Chemicals, Inc. Deferred Compensation Plan

(Full Title of the Plan)  
W. Douglas Brown, 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)  
610-481-7350

(Telephone Number, Including Area Code, of Agent for Service)  
CALCULATION OF REGISTRATION FEE

Titles of securities to be registered	Amount to be Registered	Proposed maximum offering price per share/obligation	Proposed maximum aggregate offering price	Amount of registration fee
Common Stock, par value \$1	700,000 <sup>(1)</sup>	\$74.88	\$52,416,000	\$1,609.17 <sup>(2)</sup>
Deferred Compensation Obligations <sup>(3)</sup>	\$35,757,515 <sup>(4)</sup>	N/A	\$35,757,515 <sup>(4)</sup> \$88,173,515	\$1,097.76 \$2,706.93

<sup>(1)</sup> 656,793 previously registered but unused shares of

Common Stock  
from Form S-8  
(File  
No. 333-31578)  
filed by Air  
Products and  
Chemicals, Inc.  
to register  
shares of the  
same class  
under the  
predecessor  
plans to this  
Plan are carried  
forward under  
this Form S-8.

- (2) 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 March 9, 2007 (i.e., \$74.88 per share).
- (3) The deferred compensation obligations are unsecured obligations of Air Products and Chemicals, Inc. to pay deferred compensation in the future in accordance with the terms of the Air Products

and Chemicals,  
Inc. Deferred  
Compensation  
Plan.

- (4) Estimated solely  
for purposes of  
determining the  
registration fee.
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**PART I**

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

The document(s) containing the information specified in Part I of Form S-8 will be sent or given to participating employees as specified by Rule 428(b)(1) of the Securities Act of 1933, as amended. These document(s) and the documents incorporated by reference herein pursuant to Item 3 of Part II hereof, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act of 1933, as amended.

**PART II**

**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

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

The documents listed in clauses (a), (b) and (c) below are incorporated herein by this reference thereto, and all documents subsequently filed by the registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, 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 this reference in this registration statement and to be a part hereof from the date of filing of such documents.

(a) The registrant's Annual Report on Form 10-K for the year ended September 30, 2006.

(b) All other reports filed by the registrant pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the registrant document referred to in (a) above.

(c) The description of the Common Stock contained in the registration statement filed by the registrant to register such securities under Section 12 of the Securities Exchange Act of 1934, including any amendment or report filed for the purpose of updating such description.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this registration statement shall be deemed to be modified or superseded for purposes of this registration statement to the extent that a statement contained in this registration statement or in any other contemporaneously or subsequently filed document which also is or is deemed to be incorporated by reference in this registration statement modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed,

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except as so modified or superseded, to constitute a part of this registration statement.

**Item 4. Description of Securities.**

The Air Products and Chemicals, Inc. Deferred Compensation Plan (the Plan ) is an unfunded deferred compensation plan intended to comply with the requirements of Section 409A of the Internal Revenue Code of 1986, as amended (the Internal Revenue Code ). Under the Plan, the Registrant provides eligible employees, as defined therein, the opportunity to elect to defer a specified percentage of their cash compensation derived from base salary and incentive compensation or bonus awards. The Plan also provides nonelective deferred compensation intended to supplement the Registrant's tax qualified defined contribution plan with respect to compensation that cannot be included in the qualified plan due to limits imposed by the Internal Revenue Code and certain incentive compensation not covered by the qualified plan. The obligations of the Registrant under the Plan (the Obligations ) are unsecured general obligations of the Registrant to pay the deferred compensation in the future in accordance with the terms of the Plan and will rank *pari passu* with other unsecured and unsubordinated indebtedness of the Registrant from time to time outstanding.

The amount of compensation to be deferred with respect to each participating eligible employee (individually, a Participant and collectively, the Participants ) is determined in accordance with the Plan based on elections by each Participant or Internal Revenue Code and coverage limits imposed on such Participant's qualified plan participation. Each Obligation is payable on a date or dates selected by each Participant at the time of enrollment. The Obligations are credited to a deferred cash account which accrues interest at an industrial bond rate. All deferred compensation under the Plan is initially credited to the deferred cash account option, and Participant's are periodically permitted to elect to transfer such amounts to a deferred Company Stock account option which replicates investment in the Registrant's Common Stock.

Except as required by law, a Participant's right or the right of any other person to the Obligations is not assignable by voluntary or involuntary assignment, including, without limitation, bankruptcy, garnishment, attachment, or other creditor's process. The Obligations are not subject to redemption, in whole or in part, prior to the distribution dates specified by each Participant, except in the event of a Participant's death or upon change in control of the Registrant. The Registrant reserves the right to amend or terminate the Plan at any time; provided, however, that no such action shall reduce a Participant's account under the Plan without the Participant's written consent.

No amounts are set aside or assets pledged for the payment of the Obligations, which will normally be satisfied from the general assets of the

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Registrant. However, the Registrant has entered into a trust agreement with a trustee under a grantor trust pursuant to which the trust will pay the Obligations from its assets, if any, in the event the Company fails or is unable to pay the Obligations, including upon a change in control of the Registrant. Currently, the trust's only asset is an agreement by the Registrant to transfer treasury shares of the Registrant's Common Stock upon the occurrence of certain events. The assets of the trust are subject to the claims of the Registrant's creditors.

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

Not applicable.

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

Section 145 of the Delaware General 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, also eliminate, to the maximum extent permitted by the Delaware General Corporation Law, the personal liability of directors for monetary damages for breach of fiduciary liability. Article V of the Registrant's bylaws also provides for mandatory indemnification of directors and officers in accordance with and to the full extent permitted by Delaware General Corporation Law and for mandatory advancement of expenses upon receipt of the required undertaking.

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.



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**Item 8. Exhibits.**

4. Rights Agreement, dated as of 19 March 1998, between the Company and First Chicago Trust Company of New York. (Filed as Exhibit 1 to the Company's Form 8-A Registration Statement dated 19 March 1998, as amended by Form 8-A/A dated 16 July 1998.)
5. Opinion on legality.
23. Consent 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

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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.

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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 Township of Upper Macungie, Commonwealth of Pennsylvania, on this 16th day of March 2007.

AIR PRODUCTS AND CHEMICALS, INC.  
(Registrant)

By /s/ W. Douglas Brown

W. Douglas Brown\*  
Vice President, General Counsel  
and Secretary

\* W. Douglas Brown, 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 and 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.

<b>Signature</b>	<b>Title</b>	<b>Date</b>
/s/ John P. Jones III	Director, Chairman of the Board and Chief Executive Officer (Principal Executive Officer)	16 March 2007
John P. Jones III		
/s/ Paul E. Huck	Vice President and Chief Financial Officer (Principal Financial Officer and Accounting Officer)	16 March 2007
Paul E. Huck		
*	Director	16 March 2007
Mario L. Baeza		
*	Director	16 March 2007
William L. Davis, III		
*	Director	16 March 2007
Michael J. Donahue		
*	Director	16 March 2007
Ursula O. Fairbairn		
*	Director	16 March 2007
W. Douglas Ford		
*	Director	16 March 2007
Edward E. Hagenlocker		
*	Director	16 March 2007
Evert Henkes		

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<b>Signature</b>	<b>Title</b>	<b>Date</b>
* Margaret G. McGlynn	Director	16 March 2007
* Charles H. Noski	Director	16 March 2007
* Lawrence S. Smith	Director	16 March 2007

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4.	Rights Agreement, dated as of 19 March 1998, between the Company and First Chicago Trust Company of New York. (Filed as Exhibit I to the Company's Form 8-A Registration Statement dated 19 March 1998, as amended by Form 8-A/A dated 16 July 1998.)	
5.	Opinion on legality	10
23.	Consent of KPMG LLP	11
24.	Power of Attorney	12

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 purchased by the Plan Trustee in the open market 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.

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