FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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	or Secti						
1. Name and Address of Reporting Person* <u>Jones Stephen J</u>	2. Date of Event Requiring Statement (Month/Day/Year) 09/30/2007		3. Issuer Name and Ticker or Trading Symbol AIR PRODUCTS & CHEMICALS INC /DE/ [ APD ]				
(Last) (First) (Middle) 7201 HAMILTON BOULEVARD	03/30/2007		Relationship of Reporting Pers Check all applicable)     Director     Officer (give title	10% Owner Other (specify		Individual or Joint/Group Filing (Check  6. Individual or Joint/Group Filing (Check	
(Street) ALLENTOWN PA 18195			below) V.P	below)			y One Reporting Person y More than One erson
(City) (State) (Zip)							
	Table I - Non	-Derivati	ve Securities Beneficial	ly Owned			
1. Title of Security (Instr. 4)			Amount of Securities eneficially Owned (Instr. 4)				Beneficial Ownership
Common Stock			3,764	D			
Common Stock			163.26	I	В	By RSP <sup>(1)</sup>	
Common Stock			168.37	I	By RSP <sup>(1)(2)</sup>		
Common Stock			178.76	I	By Spouse <sup>(2)</sup>		
	Table II - D	)erivative	<b>Securities Beneficially</b>	Owned			
	e.g., puts, cal	ls, warrar	nts, options, convertible	e securities	<u> </u>		
1. Title of Derivative Security (Instr. 4)		ls, warrar isable and te		e securities	4. Convers	ise Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	2. Date Exercing Expiration Da	ls, warrar isable and te	3. Title and Amount of Secul Underlying Derivative Secur	e securities	4. Convers	ion Ownership ise Form: Direct (D) or Indirect	Beneficial Ownership
	2. Date Exerci Expiration Da (Month/Day/Y	Is, warrar isable and te ear)  Expiration	3. Title and Amount of Secu Underlying Derivative Secur	Amount or Number of	4. Convers or Exerc Price of Derivativ	ion Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	Beneficial Ownership
1. Title of Derivative Security (Instr. 4)	2. Date Exerci Expiration Da (Month/Day/Y	Is, warrar isable and te ear)  Expiration Date	ats, options, convertible 3. Title and Amount of Secur Underlying Derivative Secur Title	Amount or Number of Shares	4. Convers or Exerc Price of Derivativ Security	ion Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	Beneficial Ownership (Instr. 5)
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup>	2. Date Exerci Expiration Da (Month/Day/Y)  Date Exercisable  10/01/2002	ls, warrar isable and te ear)  Expiration Date  10/01/2009	3. Title and Amount of Secur Underlying Derivative Secur Title	Amount or Number of Shares	4. Convers or Exerc Price of Derivativ Security	ion ise	Beneficial Ownership (Instr. 5)
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup>	2. Date Exerci Expiration Da (Month/Day/Y)  Date Exercisable  10/01/2002  08/08/1988 <sup>(4)</sup>	Expiration Date  10/01/2009  10/02/2012	3. Title and Amount of Secur Underlying Derivative Secur Title  Common Stock  Common Stock	Amount or Number of Shares  100  4,500	4. Convers or Exerce Price of Derivativ Security	ion ise Direct (D) or Indirect (I) (Instr. 5)  I D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup>	Date Exercisable 10/01/2002 08/08/1988 <sup>(4)</sup>	Expiration Date 10/02/2012 10/02/2012 10/02/2012	Title  Common Stock  Common Stock  Common Stock	Amount or Number of Shares  100  4,500  700	4. Convers or Exerc Price of Derivativ Security	ion ise Direct (D) or Indirect (I) (Instr. 5)  B I  D  I  D  I  D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup> 2003 Stock Options <sup>(5)</sup>	Date Exercisable  10/01/2002  08/08/1988(4)  08/08/1988(6)	Expiration Date 10/02/2012 10/02/2012 10/02/2012	Title  Common Stock  Common Stock  Common Stock  Common Stock	Amount or Number of Shares  100  4,500  4,500	28.78	ion ise Direct (D) or Indirect (I) (Instr. 5)  I D  I D  I D  I D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup>	Date Exercisable  10/01/2002  08/08/1988 <sup>(4)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(6)</sup>	Expiration Date  10/01/2009  10/02/2012  10/02/2012  10/02/2012	Title  Common Stock	Amount or Number of Shares  100  4,500  700  4,500  700	28.78 (4) (4) (4) (4) (4) (4) (4) (4) (4)	ion ise Direct (D) or Indirect (I) (Instr. 5)  I D  I D  I D  I D  I D  D  I D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup> 2003 Stock Options <sup>(5)</sup> 2004 Stock Options <sup>(5)</sup> 2005 Stock Options <sup>(5)</sup>	Date Exercisable  10/01/2002  08/08/1988 <sup>(4)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(7)</sup>	Expiration Date  10/01/2009  10/02/2012  10/02/2012  10/02/2012  10/02/2012  10/02/2013	Title  Common Stock	Amount or Number of Shares   100   4,500   700   5,100	4. Convers or Exerc Price of Derivatin Security  28.78  (4)  43.09  45.53	ion ise Direct (D) or Indirect (I) (Instr. 5)  B I D I I D D I I B D I B D D I B D D I B D D I B D D I B D D I B D D I B D D I B D D I B D D D D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup> 2003 Stock Options <sup>(5)</sup> 2004 Stock Options <sup>(5)</sup> 2005 Stock Options <sup>(5)</sup> 2006 Stock Options <sup>(5)</sup>	2. Date Exercisable	Expiration Date  10/01/2009  10/02/2012  10/02/2012  10/02/2012  10/02/2013  10/02/2014	Title  Common Stock	Amount or Number of Shares  100  4,500  700  4,500  700  5,100  8,000	28.78  (4)  28.78  (4)  43.09  45.53	ion ise Direct (D) or Indirect (I) (Instr. 5)  B I D I I D D I I B D I I D D I I B D D I I B D D D D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup> 2004 Stock Options <sup>(5)</sup> 2005 Stock Options <sup>(5)</sup> 2006 Stock Options <sup>(5)</sup> 2007 Stock Options <sup>(5)</sup>	Date Exercisable  10/01/2002  08/08/1988 <sup>(4)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(7)</sup> 08/08/1988 <sup>(8)</sup> 08/08/1988 <sup>(9)</sup>	Expiration Date  10/01/2009  10/02/2012  10/02/2012  10/02/2012  10/02/2013  10/02/2014  10/04/2015	Title  Common Stock	Amount or Number of Shares  100  4,500  700  4,500  700  5,100  8,000  7,000	28.78 (4) (4) (4) (4) (4) (4) (4) (5) (5) (5) (5) (5) (6)	ion ise Direct (D) or Indirect (I) (Instr. 5)  B I D I I D D I I B D I I D D I I B D D I I B D D D D	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup> 2004 Stock Options <sup>(5)</sup> 2005 Stock Options <sup>(5)</sup> 2006 Stock Options <sup>(5)</sup> 2007 Stock Options <sup>(5)</sup> Rights 2004 <sup>(4)</sup>	Date Exercisable  10/01/2002  08/08/1988 <sup>(4)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(7)</sup> 08/08/1988 <sup>(8)</sup> 08/08/1988 <sup>(9)</sup> 08/08/1988 <sup>(1)</sup> 08/08/1988 <sup>(1)</sup>	Expiration Date  10/01/2009  10/02/2012  10/02/2012  10/02/2012  10/02/2013  10/02/2014  10/02/2014  10/04/2015  10/03/2016	Title  Common Stock	Amount or Number of Shares     100	4. Convers or Exerc Price of Derivatin Security  28.78  (4)  (4)  43.09  45.53  54.17  55.33	ion ise Department of the control of	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>
1. Title of Derivative Security (Instr. 4)  1999 Global Employee Stock Option <sup>(3)</sup> 2003 Rights <sup>(4)</sup> 2003 Rights <sup>(4)</sup> 2003 Stock Options <sup>(5)</sup> 2003 Stock Options <sup>(5)</sup> 2004 Stock Options <sup>(5)</sup>	Date Exercisable  10/01/2002  08/08/1988 <sup>(4)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(6)</sup> 08/08/1988 <sup>(8)</sup> 08/08/1988 <sup>(8)</sup> 08/08/1988 <sup>(9)</sup> 08/08/1988 <sup>(10)</sup> 08/08/1988 <sup>(10)</sup> 08/08/1988 <sup>(10)</sup> 08/08/1988 <sup>(10)</sup>	Expiration Date  10/01/2009  10/02/2012  10/02/2012  10/02/2012  10/02/2013  10/02/2014  10/02/2014  10/03/2016  10/03/2013	Title  Common Stock  Common Stock	Amount or Number of Shares     100	28.78 (4) 43.09 45.53 54.17 55.33 67.23	ion ise Department of the control of	Beneficial Ownership (Instr. 5)  By Spouse <sup>(2)</sup> By Spouse <sup>(2)</sup>

## **Explanation of Responses:**

- 1. Shares represented by units of interest in the Company Stock Fund held under the issuer's Retirement Savings Plan.
- 2. Shares owned by spouse as to which the reporting person disclaims beneficial ownership,
- 3. Granted under the Global Employee Stock Option Awards
- 4. The Options include contractual rights (Rights) similar to employee restricted appreciation rights with exercise dates only during a 30 day period following a change in control of the Company (as defined in the LTIP). Exercise of Rights cancels the related Options on a one-for-one basis and entitles the reporting person to receive a cash payment equal to the fair market value of a share of Common Stock on the date of exercise (as defined int he LTIP) minus the option exercise price.
- 5. Employee Stock Options (Options) granted under the issuer's Long-Term Incentive Plan (LTIP). Exercise of these Options cancels the related Rights described herein on a one-for-one basis.
- $6.\ One-third\ became\ exercisable\ 10/1/03;\ one-third\ became\ exercisable\ 10/1/04;\ and\ one-third\ became\ exercisable\ 10/1/05.$
- $7.\ One-third\ became\ exercisable\ 10/1/04;\ one-third\ became\ exercisable\ 10/1/05;\ and\ one-third\ became\ exercisable\ 10/1/06.$
- $8. \ One-third\ became\ exercisable\ 10/1/05;\ one-third\ became\ exercisable\ 10/1/06;\ and\ one-third\ become\ exercisable\ 10/1/07.$
- 9. One-third became exercisable 10/3/06; one-third become exercisable 10/3/07; and one-third become exercisable 10/3/08.
- 10. One-third become exercisable on 10/2/07; one-third become exercisable on 10/2/08; and one-third become exercisable on 10/2/09.

Remarks:

By: Linda M. Svoboda as Attorney in Fact

10/01/2007

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.