

AIR PRODUCTS & CHEMICALS INC /DE/
 Form 4
 August 09, 2007

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
BROWN W DOUGLAS

2. Issuer Name and Ticker or Trading Symbol
AIR PRODUCTS & CHEMICALS INC /DE/ [APD]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
7201 HAMILTON BOULEVARD
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
08/07/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
V.P., General Counsel & Sec.

ALLENTOWN, PA 18195

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	08/07/2007		M		54,000	A	\$ 38.02
Common Stock	08/07/2007		S		54,000	D	\$ 88.54
Common Stock	08/07/2007		M		5,000	A	\$ 43.09
Common Stock	08/07/2007		S		5,000	D	\$ 88.27
Common Stock	08/08/2007		M		20,700	A	\$ 38.02

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Common Stock	08/08/2007	S	20,700	D	\$ 90.71	36,957	D	
Common Stock						24	I	By Custodian For Child
Common Stock						181.4	I	By RSP
Common Stock						636	I	By Spouse

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
2002 Rights ⁽¹⁾	<u>1</u>	08/07/2007		J	54,000	08/08/1988 ⁽²⁾	10/02/2011	Common Stock	54,000
2002 Rights ⁽¹⁾	<u>1</u>	08/08/2007		J	20,700	08/08/1988 ⁽²⁾	10/02/2011	Common Stock	20,700
2002 Stock Options ⁽³⁾	\$ 38.02	08/07/2007		M	54,000	08/08/1988 ⁽⁴⁾	10/02/2011	Common Stock	54,000
2002 Stock Options	\$ 38.02	08/08/2007		M	20,700	08/08/1988	10/02/2011	Common Stock	20,700
2003 Rights ⁽¹⁾	<u>1</u>	08/07/2007		J	5,000	08/08/1988 ⁽²⁾	10/02/2012	Common Stock	5,000
2003 Stock Options	\$ 43.09	08/07/2007		M	5,000	08/08/1988 ⁽⁵⁾	10/02/2012	Common Stock	5,000

