

AIR PRODUCTS & CHEMICALS INC /DE/  
 Form 4  
 November 13, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
**JONES JOHN P III**

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)

3. Date of Earliest Transaction (Month/Day/Year)  
**11/08/2007**

Director  10% Owner  
 Officer (give title below)  Other (specify below)

**7201 HAMILTON BOULEVARD**

(Street)

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

**ALLENTOWN, PA 18195**

(City) (State) (Zip)

**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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  | Code                           | V   | Amount or Price   |  |                                   |
| Common Stock                    | 11/08/2007                           |  | S                              |   | 10,000  | D  | \$ 98.29 178,651.89 D             |
| Common Stock                    | 11/08/2007                           |  | S                              |   | 15,000  | D  | \$ 98.31 163,651.89 D             |
| Common Stock                    | 11/08/2007                           |  | S                              |   | 10,000  | D  | \$ 100 153,651.89 D               |
| Common Stock                    | 11/08/2007                           |  | S                              |   | 5,000   | D  | \$ 100.3 148,651.89 D             |
| Common Stock                    | 11/08/2007                           |  | S                              |   | 5,000   | D  | \$ 100.51 143,651.89 D            |

|              |                           |   |                      |   |          |            |   |        |
|--------------|---------------------------|---|----------------------|---|----------|------------|---|--------|
| Common Stock | 11/09/2007                | S | 5,000                | D | \$ 99.31 | 138,651.89 | D |        |
| Common Stock | 11/09/2007 <sup>(1)</sup> | J | 61.16 <sub>(2)</sub> | A | \$ 0     | 6,572.15   | I | By RSP |

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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Reporting Date (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address                                     | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| JONES JOHN P III<br>7201 HAMILTON BOULEVARD<br>ALLENTOWN, PA 18195 |               |           | X       |       |

## Signatures

By: Linda M. Svoboda as Attorney in Fact  
11/12/2007  
Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(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).
- (1) Transactions not required to be reported since last filing.
- (2) Shares represented by units of interest in the Company Stock Fund held under the issuer's Retirement Savings Plan.

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