

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104

Estimated average burden

hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

| | | | |
|--|---|---|---|
| 1. Name and Address of Reporting Person* <u>Stanley John D.</u> | 2. Date of Event Requiring Statement (Month/Day/Year) 04/01/2009 | 3. Issuer Name and Ticker or Trading Symbol <u>AIR PRODUCTS & CHEMICALS INC /DE/ [APD]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SR VP and General Counsel</u> | 5. If Amendment, Date of Original Filed (Month/Day/Year) |
| (Last) (First) (Middle) <u>7201 HAMILTON BOULEVARD</u> | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |
| (Street) <u>ALLENTOWN PA 18195</u> | | | |
| (City) (State) (Zip) | | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 8,272 | D | |
| Common Stock | 630.49 | I | By RSP |

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/02/2011 | Common Stock | 9,000 | 38.02 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/02/2012 | Common Stock | 11,000 | 43.09 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/02/2013 | Common Stock | 7,000 | 45.53 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/02/2014 | Common Stock | 8,600 | 54.17 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/04/2015 | Common Stock | 6,100 | 55.33 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/02/2018 | Common Stock | 8,356 | 66.9 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/03/2016 | Common Stock | 5,400 | 67.23 | D | |
| Stock Option (Right to Buy) ⁽¹⁾ | 08/08/1988 ⁽²⁾ | 10/02/2017 | Common Stock | 4,900 | 98.85 | D | |

Explanation of Responses:

- Employee Stock Options granted under the issuer's Long-Term Incentive Plan.
- These options become exercisable in one-third increments on the first three anniversaries of grant.

Remarks:

stanley.TXT

Linda M. Svoboda as Attorney in Fact 04/06/2009

** 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.