FORM	4
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

OMB APPROVAL				
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					or Sec	tion 30(h) of th	iè Ín	vestment	Con	npany Act o	of 194	0						
1. Name and Address of Reporting Person* CARTER SUSAN K			2. Issuer Name and Ticker or Trading Symbol AIR PRODUCTS & CHEMICALS INC									(Ch	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
			<u>/DE/</u> [APD]									X Directo			10% O	-			
(Last) (First) (Middle)				2 Data of Earliest Transportion (Manth/Day/Marx)								_	Officer below)	(give title		Other (below)	specify		
7201 HAMILTON BOULEVARD				3. Date of Earliest Transaction (Month/Day/Year) 01/24/2013															
(Street)					4. If Am	nendment	, Date	e of (Original F	iled	(Month/Day	y/Year)	6. Ir Line	dividual or J	Joint/Group	o Filing	(Check Ap	plicable
l` í	FOWN I	PA	18195												,	iled by On	e Repo	orting Perso	on
															Form f Persor		re than	One Repo	orting
(City)	(State)	(Zip)													·			
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transa Date (Month/L			action 2A. Deemed Execution Da Day/Year) if any (Month/Day/Y			Date, Transaction Code (Instr.							Securitie Benefici Owned F	5. Amount of Securities Beneficially Owned Following		Indirect str. 4)	7. Nature of Indirect Beneficial Ownership		
						Code V Amount (A) or (D)				Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)						
	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		3A. Deemed Execution D if any (Month/Day	Date, Ti C	ansactior	ction of			Expiration Date Amount (Month/Day/Year) Securitie Underlyi Derivati				7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	derivative Securitie Beneficia Owned Following Reported	Securities Seneficially Dwned Following Reported Fransaction(s)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4	Beneficial Ownership (Instr. 4)
														Amount or Number					

Explanation of Responses:

Phantom Stock

1. Not applicable to this security

\$0.0000⁽¹⁾

2. These units are payable in the form of shares of common Stock equal in number to the units, at the time elected by the reporting person, which is generally after service on the issuer's Board of Directors ends. Units may be paid in a lump sum or up to ten installments as elected by the reporting person in advance.

Exercisable

08/08/1988

Date

08/08/1988⁽²⁾

Linda M. Svoboda as Attorney	01/25/2013
<u>in Fact</u>	01/25/2015

\$88.23

3,857.9125

D

** Signature of Reporting Person Date

Shares

1,361

Title

Commo

Stock

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 4 (b)(v).

01/24/2013

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Code ν

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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.

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.

(A)

1,361

(D)