Benoist Gray G Form 4 March 14, 2011

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL OMB

Washington, D.C. 20549

3235-0287 Number: January 31,

2005

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Expires:

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Benoist Gray G

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

03/10/2011

(Middle)

(Zip)

OLIN CORP [OLN]

(Check all applicable)

(Last) (First) 3. Date of Earliest Transaction (Month/Day/Year)

X_ Director 10% Owner Other (specify Officer (give title

C/O OLIN CORPORATION, 190 CARONDELET PLAZA, SUITE 1530

(Street)

(State)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

CLAYTON, MO 63105

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially (D) or Owned **Following** Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A)

Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

Common

(City)

Stock \$1 par value 0 D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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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 orDerivative 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)	
				Code V	(A) ((D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock Units (1)	\$ 0 (2)	03/10/2011		A	138.997		<u>(1)</u>	<u>(1)</u>	Common Stock	138.997

Relationshine

Reporting Owners

Reporting Owner Name / Address	Keiteionisiips					
	Director	10% Owner	Officer	Other		

Benoist Gray G
C/O OLIN CORPORATION
190 CARONDELET PLAZA, SUITE 1530
CLAYTON, MO 63105

Signatures

/s /B. M. Pantalone, Attorney-in-Fact 03/14/2011

**Signature of Reporting Person 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) Dividend equivalents credited to the reporting person's account under the Amended and Restated 1997 Stock Plan for Non-employee Directors at \$19.43 per share as of 3/10/2011 in exempt transactions.
- (2) Security converts to common stock on a one-for-one basis.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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