

OLIN CORP  
Form 4  
April 30, 2010

**FORM 4**

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

OMB APPROVAL

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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 \*  
**PAIN GEORGE H**

(Last) (First) (Middle)

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

(Street)

**CLAYTON, MO 63105**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**OLIN CORP [OLN]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**04/28/2010**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Ownership (Instr. 4)
Common Stock \$1 par value				(A) or (D)	Amount (D) Price		
					12,453.48 <sup>(1)</sup>	D	
Common Stock \$1 par value					463.4865 <sup>(2)</sup>	I	By ESOP Trustee

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

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SEC 1474  
(9-02)

number.

**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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Phantom Stock Units	(3)	04/28/2010		I	14,146.8158	(3)	(3)	Common Stock	14,146 (4)

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

PAIN GEORGE H  
C/O OLIN CORPORATION  
190 CARONDELET PLAZA SUITE 1530  
CLAYTON, MO 63105

Vice  
President

## Signatures

/s/ B. M. Pantalone,  
Attorney-in-Fact

04/30/2010

\*\*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) Fractional amount represents shares held under the Olin Corporation dividend reinvestment plan.

The figure represents shares of Olin Common Stock held under the Olin Common Stock Fund of the Olin Corporation Contributing

(2) Employee Ownership Plan (CEOP), a tax-conditioned plan reflecting transactions exempt under Rule 16b-3, as reported by the CEOP Plan Administrator as of April 23, 2010.

(3) Each phantom unit is the economic equivalent of one share of Olin Corporation common stock. Shares are payable following termination of employment and may be transferred by the reporting person into an alternative investment account at any time.

(4) Phantom shares transferred to cash account in a multi-fund benefit plan.

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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