

OConnor John MB
 Form 4
 May 14, 2012

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 *
 OConnor John MB

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 05/10/2012

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

C/O OLIN CORPORATION, 190
 CARONDELET PLAZA SUITE
 1530

(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

CLAYTON, MO 63105

(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 (A) or (D) Price | | |
| Common Stock \$1 par value | 05/10/2012 | | A | 1,236 (1) | \$ 20.23 | 1,236 | D |
| Common Stock \$1 par value | | | | | | 9,892 | I Family Trust |

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

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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 (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. 3) |
|--|--|--------------------------------------|--|--------------------------------|--|--|---|--|
| Phantom Stock Units ⁽²⁾ | \$ 0 ⁽³⁾ | 05/10/2012 | | A | 3,200 | ⁽²⁾ ⁽²⁾ | Common Stock | 3,200 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

OConnor John MB
C/O OLIN CORPORATION
190 CARONDELET PLAZA SUITE 1530
CLAYTON, MO 63105

X

Signatures

/s/ T. E. Murphy,
Attorney-in-Fact

05/14/2012

__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) Shares of common stock granted under the Amended and Restated 1997 Stock Plan for Non-employee Directors, the Company's formula director compensation plan.
- (2) Phantom shares of common stock are also credited periodically to a deferred stock account under the Amended and Restated 1997 Stock Plan for Non-employee directors and are settled in common stock or cash following the date the reporting person ceases to be a director.
- (3) 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.

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