

# SECURITIES AND EXCHANGE COMMISSION

## FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2013-01-10** | Period of Report: **2013-01-09**  
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([HTML Version](#) on [secdatabase.com](#))

### REPORTING OWNER

#### **COTTIER GILLES**

CIK: **1210650**

Type: **4** | Act: **34** | File No.: **000-08135** | Film No.: **13523305**

Mailing Address  
*3050 SPRUCE ST  
ST LOUIS MO 63103*

### ISSUER

#### **SIGMA ALDRICH CORP**

CIK: **90185** | IRS No.: **431050617** | State of Incorporation: **DE** | Fiscal Year End: **1231**  
SIC: **5160** Chemicals & allied products

Mailing Address  
*3050 SPRUCE STREET  
ST LOUIS MO 63103*

Business Address  
*3050 SPRUCE ST  
ST LOUIS MO 63103  
3147715765*

# FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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. Name and Address of Reporting Person <b>COTTIER GILLES</b>			2. Issuer Name and Ticker or Trading Symbol <b>SIGMA ALDRICH CORP [SIAL]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>EVP &amp; President SAFC</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>01/09/2013</b>					
C/O SIGMA-ALDRICH CORPORATION, 3050 SPRUCE ST			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
(Street) <b>ST LOUIS, MO 63103</b>								
(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/09/2013		<u>M</u>		15,000	A	\$28.66	35,410	D	
Common Stock	01/09/2013		<u>S</u> <sup>(1)</sup>		15,000	D	\$76.547 <sup>(2)</sup>	20,410	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
NQ Stock Option Right to Buy	\$28.66	01/09/2013		<u>M</u>		15,000		05/04/2005 <sup>(3)</sup>	05/04/2014	Common Stock	15,000	\$ 0	0	D	

**Explanation of Responses:**

- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 22, 2012.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$76.50 to \$76.69, inclusive. The reporting person undertakes to provide to Sigma-Aldrich Corporation, any security holder of Sigma-Aldrich Corporation, or the staff of the

Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnote (2) to this Form 4.

3. The options vested in three equal installments on 5/4/2005, 5/4/2006 and 5/4/2007.

**Signatures**

/s/ Jessica Betts, by Power of Attorney

\*\* Signature of Reporting Person

01/10/2013

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 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).

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.**

