#### VAGNINI MICHAEL F

Form 5

January 27, 2006

## FORM 5

#### **OMB APPROVAL**

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

**OMB** 3235-0362 Number: January 31,

2005

1.0

no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box if

Expires: ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per

response...

may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported

Form 4

30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Address of Reporting Person \* 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer VAGNINI MICHAEL F Symbol Chemtura CORP [CEM] (Check all applicable) (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) Director 10% Owner \_X\_\_ Officer (give title Other (specify 12/31/2005 below) below) 199 BENSON ROAD Sr. VP and Controller (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

### MIDDLEBURY, Â CTÂ 06749

\_X\_ Form Filed by One Reporting Person Form Filed by More than One Reporting Person

(City)	(State)	(Zip) Tab	le I - Non-Dei	rivative Secu	ırities	Acquir	ed, Disposed o	f, or Beneficia	ally 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. Securitie (A) or Disp (Instr. 3, 4)	osed o	of (D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	Â	Â	Â	Â	Â	Â	47,792	D	Â
Common Stock	01/27/2006	Â	<u>J(1)</u>	38.8605	A	\$ 0	206.5289	I	DRIP
Common Stock	01/27/2006	Â	J(2)	202	A	\$0	4,770	I	ESOP TRUST
Common Stock	01/27/2006	Â	J <u>(3)</u>	4,770	D	\$0	0	I	ESOP TRUST

Common Stock	01/27/2006	Â	J <u>(4)</u>	98	A	\$0	7,805	I	Restricted Stock Account
Common Stock	Â	Â	Â	Â	Â	Â	6,500	I	Restricted Stock Account II
Common Stock	01/27/2006	Â	J <u>(5)</u>	89	A	\$0	7,089	I	Restricted Stock Account III
Common Stock	01/27/2006	Â	J <u>(6)</u>	4,770	A	\$ 0	4,770	I	Savings Plan (401k) Trust

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

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 control number.

SEC 2270 (9-02)

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)	Number		Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		6. Date Exerci Expiration Dat (Month/Day/Y	te	7. Title and 2 Underlying S (Instr. 3 and	Securities
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
ISO Stock Option (Right to Buy)	\$ 5.85	Â	Â	Â	Â	Â	10/20/2004	10/19/2013	Common Stock	6,188				
ISO Stock Option (Right to Buy)	\$ 6.38	Â	Â	Â	Â	Â	01/21/2004	01/21/2013	Common Stock	24,310				
ISO Stock Option (Right to Buy)	\$ 7.25	Â	Â	Â	Â	Â	10/22/2003	10/22/2012	Common Stock	12,868				

ISO Stock Option (Right to Buy)	\$ 7.92	Â	Â	Â	Â	Â	10/23/2003	10/23/2011	Common Stock	10,000
ISO Stock Option (Right to Buy)	\$ 8.343	Â	Â	Â	Â	Â	10/19/2001	10/19/2009	Common Stock	9,527
ISO Stock Option (Right to Buy)	\$ 14.3438	Â	Â	Â	Â	Â	08/04/1999	10/14/2008	Common Stock	7,273
ISO Stock Option (Right to Buy)	\$ 16.875	Â	Â	Â	Â	Â	08/04/1999	11/16/2006	Common Stock	5,000
ISO Stock Option (Right to Buy)	\$ 26.4063	Â	Â	Â	Â	Â	08/04/1999	11/07/2007	Common Stock	5,000
NQ Stock Option (Right to Buy)	\$ 5.85	Â	Â	Â	Â	Â	10/20/2004	11/19/2013	Common Stock	13,812
NQ Stock Option (Right to Buy)	\$ 6.38	Â	Â	Â	Â	Â	01/21/2004	02/20/2013	Common Stock	5,690
NQ Stock Option (Right to Buy)	\$ 7.25	Â	Â	Â	Â	Â	10/22/2003	10/22/2012	Common Stock	7,132
NQ Stock Option (Right to Buy)	\$ 7.92	Â	Â	Â	Â	Â	10/23/2002	11/22/2011	Common Stock	10,000
	\$ 8.1562	Â	Â	Â	Â	Â	10/31/2001	11/30/2010		20,000

NQ Stock Option (Right to Buy)									Common Stock	
NQ Stock Option (Right to Buy)	\$ 8.343	Â	Â	Â	Â	Â	10/19/2000	11/19/2009	Common Stock	40,473
NQ Stock Option (Right to Buy)	\$ 11.24	Â	Â	Â	Â	Â	11/23/2005	12/22/2014	Common Stock	25,000
NQ Stock Option (Right to Buy)	\$ 12.92	Â	Â	Â	Â	Â	02/23/2006	03/22/2015	Common Stock	21,000
NQ Stock Option (Right to Buy)	\$ 14.3438	Â	Â	Â	Â	Â	08/04/1999	11/14/2008	Common Stock	727

# **Reporting Owners**

Reporting Owner Name / Address	Relationships							
•	Director	10% Owner	Officer	Other				
VAGNINI MICHAEL F 199 BENSON ROAD MIDDLEBURY, CT 06749	Â	Â	Sr. VP and Controller	Â				

# **Signatures**

Michael F.
Vagnini

\*\*Signature of Reporting Person

O1/27/2006

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).
- (5) These shares were acquired during the fiscal year through the reinvestment of dividends paid on the shares in this fund.
- (6) Opening balance in the Registrant's Savings Plan (401k) Trust.

(1)

Reporting Owners 4

These shares were acquired during the fiscal year pursuant to the Registrant's Dividend Reinvestment Plan and through reinvestment of dividends paid on the shares in this fund.

- (3) The ESOP Trust was terminated as of 12/31/05 and the shares transferred to a Registrant's Savings Plan (401k) Trust.
- These shares were acquired during the fiscal year pursuant to the Registrant's Restricted Stock Account and through the reinvestment of dividends paid on shres in this fund.
- (2) These shares were acquired during the fiscal year pursuant to the Registrant's Employee Stock Ownership Plan and through reinvestment of dividends paid on the shares in this fund (ESOP Trust).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.