UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 15, 2006

Chemical Financial Corporation

(Exact Name of Registrant as Specified in its Charter)

Michigan	000-08185	38-2022454
(State or Other Jurisdiction	(Commission	(IRS Employer
of Incorporation)	File Number)	Identification No.)

333 E. Main Street Midland, Michigan

48640

(Address of Principal Executive Offices)

(Zip Code)

Registrant's telephone number, including area code: (989) 839-5350

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 7.01 Regulation FD Disclosure

On May 15, 2006, Chemical Financial Corporation issued the press release attached as Exhibit 99.1 to this Form 8-K, which is here incorporated by reference. This Report and the Exhibit are furnished to, and not filed with, the Commission.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits:

99.1

Press Release dated May 15, 2006. This Exhibit is furnished to, and not filed with, the Commission.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: May 15, 2006

CHEMICAL FINANCIAL CORPORATION (Registrant)

/s/ Lori A. Gwizdala

Lori A. Gwizdala Executive Vice President, Chief Financial Officer and Treasurer

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EXHIBIT INDEX

Exhibit Number	<u>Document</u>
99.1	Chemical Financial Corporation Press Release dated May 15, 2006. This Exhibit is furnished to, and not filed with, the Commission.