

DOW CHEMICAL CO /DE/  
Form POS EX  
October 29, 2008

As filed with the Securities and Exchange Commission on October 29, 2008

Registration Statement No. 333-140859

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**Post-Effective Amendment No. 2**

to

**FORM S-3**

**REGISTRATION STATEMENT**

UNDER

**THE SECURITIES ACT OF 1933**

**The Dow Chemical Company**

(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation or organization)

The Dow Chemical Company

2030 Dow Center

38-1285128  
(I.R.S. Employer  
Identification Number)

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**Midland, Michigan 48674**

**(989) 636-1000**

(Address, including zip code, and telephone number, including  
area code, of registrant's principal executive offices)

**Charles J. Kalil**

**Executive Vice President, Law and Governmental Affairs, General Counsel and Corporate Secretary**

**The Dow Chemical Company**

**2030 Dow Center**

**Midland, Michigan 48674**

**(989) 636-1000**

(Name, address, including zip code, and telephone number, including  
area code, of agent for service)

*Copies to:*

**Edward S. Best, Esq.**

**Mayer Brown LLP**

**71 South Wacker Drive**

**Chicago, Illinois 60606**

**(312) 782-0600**

**Approximate date of commencement of proposed sale of the securities to the public:** From time to time after the effective date of this Registration Statement, as determined by market conditions and other factors.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. "

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If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

**EXPLANATORY NOTE**

This Post-Effective Amendment to Form S-3 is being filed to file certain exhibits relating to the registrant's \$500,000,000 aggregate principal amount of Dow InterNotes®.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized in the County of Midland, State of Michigan, on October 29, 2008.

THE DOW CHEMICAL COMPANY

By: /s/ Geoffery E. Merszei  
Geoffery E. Merszei  
Executive Vice President and Chief Financial Officer

EXHIBIT INDEX

**Exhibit**

**Number Description**

- 1.1 Selling Agent Agreement, dated October 29, 2008, among The Dow Chemical Company and Banc of America Securities LLC, Incapital LLC, Charles Schwab & Co., Inc., Citigroup Global Markets Inc., Merrill Lynch, Pierce, Fenner & Smith Incorporated, Morgan Stanley & Co. Incorporated, UBS Securities LLC and Wachovia Securities, LLC
- 4.1 Form of Dow InterNotes®
- 5.1 Opinion of Kenneth D. Isley, Assistant General Counsel Corporate and Financial Law of The Dow Chemical Company
- 12.1 Computation of Ratio of Earnings to Fixed Charges
- 23.2 Consent of Kenneth D. Isley (included in Exhibit 5.1)