

DOW CHEMICAL CO /DE/  
Form S-8  
October 30, 2013

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

**Form S-8**  
**REGISTRATION STATEMENT**  
*under*  
***THE SECURITIES ACT OF 1933***

**THE DOW CHEMICAL COMPANY**  
**(a Delaware corporation)**  
**Executive Offices 2030 Dow Center**  
**Midland, Michigan 48674**

**(Name, state of incorporation and address of principal executive office of issuer)**

**I.R.S. Employer Identification No. 38-1285128**

**The Dow Chemical Company**  
**2012 Employee Stock Purchase Plan**  
**(Full title of the plan)**

**CHARLES J. KALIL**

**Executive Vice President, General Counsel**

**and Corporate Secretary**

**THE DOW CHEMICAL COMPANY**

**2030 Dow Center**

**Midland, Michigan 48674**

**(Name and address of agent for service)**

**Telephone: (989) 636-1000**

**CALCULATION OF REGISTRATION FEE**

<b>Title of securities</b>	<b>Amount</b>	<b>Proposed</b>	<b>Proposed</b>	
	<b>to be</b>	<b>maximum</b>	<b>maximum</b>	
<b>to be registered</b>	<b>registered</b>	<b>per share</b>	<b>offering price</b>	<b>Amount of</b>
Common Stock, par value \$2.50 per share, of The Dow Chemical Company	10,000,000 shares	\$39.88(a)	\$398,800,000	\$51,365.44

(a) The price per share and the aggregate offering price, calculated pursuant to Rule 457(c) and provided herein for the sole purpose of determining the registration fee, are based on the average of the high and low prices of the Common Stock of The Dow Chemical Company on the New York Stock Exchange for October 25, 2013.

PART II

**Item 3. INCORPORATION OF DOCUMENTS BY REFERENCE.**

The following documents heretofore filed by The Dow Chemical Company ( Dow ) with the Securities and Exchange Commission ( the Commission ) are incorporated herein by this reference:

- (a) Dow s Annual Report on Form 10-K for the year ended December 31, 2012.
- (b) Dow s Quarterly Reports on Form 10-Q for the quarters ended March 31, 2013, June 30, 2013 and September 30, 2013.
- (c) Dow s Current Reports on Form 8-K and 8-K/A filed on February 14, 2013, February 14, 2013, February 19, 2013, February 19, 2013, February 20, 2013, February 22, 2013, May 6, 2013, May 7, 2013, May 14, 2013, May 14, 2013, June 17, 2013, and August 7, 2013.
- (d) The description of Dow s Common Stock, par value \$2.50 per share, contained in a registration statement filed pursuant to Section 12 of the Securities Exchange Act of 1934 ( the Act ) and any amendments or reports filed for the purpose of updating that description.

All documents subsequently filed by Dow pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Act prior to the filing of a post-effective amendment which indicates that all the securities offered hereby have been sold or which deregisters all such securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be a part hereof from the date of filing of such documents.

**Item 5. INTERESTS OF NAMED EXPERTS AND COUNSEL.**

The validity of the issuance of Dow s Common Stock offered hereby has been passed on by Duncan A. Stuart, Associate General Counsel - Corporate Transactions for Dow. As of October 28, 2013, Mr. Stuart beneficially owned 7,100 deferred stock units and 3,882 shares of Dow common stock pursuant to various employee stock plans; and held options to purchase 94,730 shares of Dow common stock, of which options to purchase 62,222 shares of Dow common stock were exercisable.

**Item 6. INDEMNIFICATION OF DIRECTORS AND OFFICERS.**

Under Article VI of the Restated Certificate of Incorporation, as amended, Dow may indemnify its Directors, officers, employees and agents to such extent as is permitted by the laws of the State of Delaware and as Dow's Bylaws may from time to time provide. Section 145 of the General Corporation Law of the State of Delaware empowers Dow to indemnify, subject to the standards and limitations therein prescribed, any person in connection with any action, suit or proceeding brought or threatened by reason of the fact that such person is or was a Director, officer, employee or agent of Dow or is or was serving as such with respect to another corporation or other enterprise at the request of Dow. Under Section VI of the Bylaws of Dow, Dow is required to indemnify its Directors, officers and employees to the fullest extent permitted by Delaware law whenever such a person is a defendant in any legal proceeding. Section VI also gives the Company discretion to indemnify Directors, officers, employees and agents in other legal proceedings to which they are made a party. Any indemnification of a Director, officer, employee or agent of the Company must be approved by the Board of Directors. Dow maintains a Directors' and officers' liability insurance policy that indemnifies Dow's Directors and officers against certain losses in connection with claims made against them for certain wrongful acts.

**Item 8. EXHIBITS.**

Exhibit No.	Description of Exhibit
4(a)	Restated Certificate of Incorporation of The Dow Chemical Company, filed as Exhibit 3(i) to Dow's Quarterly Report on Form 10-Q for the quarter ended September 30, 2010, incorporated herein by this reference.
4(a)(i)	Certificate of Designations for the Cumulative Convertible Perpetual Preferred Stock, Series A, as originally filed with the Secretary of State, State of Delaware on March 31, 2009, and re-filed on May 17, 2010, incorporated by reference to Exhibit 3.1 to The Dow Chemical Company Current Report on Form 8-K filed on April 1, 2009.
4(b)	Bylaws of The Dow Chemical Company, filed as Exhibit 99.1 to a Form 8-K filed on October 13, 2011, incorporated herein by this reference.
5	Opinion of Counsel
23(a)	Consent of Independent Registered Public Accounting Firm.
23(b)	ARPC's Consent.
23(c)	Consent of Duncan A. Stuart, included in the opinion filed as Exhibit 5.
24	Power of Attorney.

**Item 9. UNDERTAKINGS.**

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

- (i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement; and
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

Provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Securities and Exchange Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to Directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a Director, officer or controlling person of the registrant in

the successful defense of any action, suit or proceeding) is asserted by such Director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

The Registrant. 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-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Midland, State of Michigan, on October 30, 2013.

THE DOW CHEMICAL COMPANY  
(Registrant)

By: /S/ RONALD C. EDMONDS  
Ronald C. Edmonds  
Vice President and Controller

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the date indicated.

A. A. ALLEMANG*	Director
A. A. Allemang	
	Director
A. Banga	
J. K. BARTON*	Director
J. K. Barton	
J. A BELL*	Director
J. A. Bell	
J. M. FETTIG*	Lead Director
J. M. Fettig	
A. N. LIVERIS*	Director, Chairman, President and Chief Executive Officer
A. N. Liveris	
P. POLMAN*	Director
P. Polman	
D. H. REILLEY*	Director



D. H. Reilly

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J. M. RINGLER\*

Director

J. M. Ringler

R. G. SHAW\*

Director

R. G. Shaw

/S/ R. C. EDMONDS

Vice President and

R. C. Edmonds

Controller (Principal Accounting Officer)

W. H. WEIDEMAN\*

Executive Vice President and Chief Financial Officer

W. H. Weideman

\*By: /S/ RONALD C. EDMONDS

Ronald C. Edmonds

Attorney-in-Fact

October 30, 2013

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