

DOW CHEMICAL CO /DE/
Form 424B3
May 01, 2008
Table of Contents

The information in this preliminary prospectus supplement and the accompanying prospectus is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and are not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

**Filed Pursuant to Rule 424(b)(3)
Registration No. 333-140859**

SUBJECT TO COMPLETION, DATED MAY 1, 2008

PRELIMINARY PROSPECTUS SUPPLEMENT

(To Prospectus dated February 23, 2007)

\$

The Dow Chemical Company

% Notes due

The notes will bear interest at the rate of % per year. Interest on the notes is payable on and of each year, beginning , 2008. The notes will mature on , . We may redeem the notes in whole or in part at any time at the applicable redemption prices set forth under Description of the Notes Optional Redemption. If we experience a change of control repurchase event, we may be required to offer to purchase the notes from holders as described under Description of the Notes Repurchase at the Option of Holders Upon a Change of Control Repurchase Event.

The notes will be our senior unsecured obligations and will rank equally in right of payment with all of our other senior unsecured indebtedness from time to time outstanding. The notes will be issued only in registered form in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

Investing in the notes involves risks that are described under Risk Factors beginning on page S-9.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the notes or passed upon the adequacy or accuracy of this prospectus supplement or the accompanying prospectus. Any representation to the contrary is a criminal offense.

	Per Note	Total
Public offering price	%	\$
Underwriting discount	%	\$
Proceeds, before expenses, to us	%	\$
Interest on the notes will accrue from _____, 2008 to date of delivery.		

The underwriters expect to deliver the notes to purchasers in book-entry form only through The Depository Trust Company for the accounts of its participants, including Clearstream and Euroclear, on or about _____, 2008.

Joint Book-Running Managers

Merrill Lynch & Co.
_____, 2008.

HSBC

RBS Greenwich Capital

Table of Contents

You should rely only on the information contained in or incorporated by reference in this prospectus supplement and the accompanying prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained or incorporated by reference in this prospectus supplement or the accompanying prospectus is accurate as of any date after the dates on the front of this prospectus supplement or the accompanying prospectus, as applicable, or for information incorporated by reference, as of the dates of that information.

TABLE OF CONTENTS

Prospectus Supplement

	Page
<u>About This Prospectus Supplement</u>	S-1
<u>Cautionary Statements Relating to Forward-Looking Information</u>	S-1
<u>Prospectus Supplement Summary</u>	S-2
<u>Risk Factors</u>	S-9
<u>Use of Proceeds</u>	S-11
<u>Capitalization</u>	S-11
<u>Description of the Notes</u>	S-12
<u>Material United States Federal Income Tax Consequences</u>	S-21
<u>Underwriting</u>	S-26
<u>Legal Matters</u>	S-28

Prospectus

<u>About This Prospectus</u>	3
<u>The Dow Chemical Company</u>	3
<u>Use of Proceeds</u>	3
<u>Ratios of Earnings to Fixed Charges</u>	3
<u>Description of Capital Stock</u>	4
<u>Description of Depositary Shares</u>	11
<u>Description of Debt Securities</u>	14
<u>Description of Warrants</u>	24
<u>Description Of Stock Purchase Contracts and Stock Purchase Units</u>	26
<u>Plan of Distribution</u>	27
<u>Validity Of Securities</u>	28
<u>Experts</u>	28
<u>Where You Can Find More Information</u>	28

Table of Contents

ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is this prospectus supplement, which contains the terms of this offering of notes. The second part is the prospectus dated February 23, 2007, which is part of our Registration Statement on Form S-3 (No. 333-140859).

This prospectus supplement may add to, update or change the information in the accompanying prospectus. If information in this prospectus supplement is inconsistent with information in the accompanying prospectus, this prospectus supplement will apply and will supersede that information in the accompanying prospectus.

It is important for you to read and consider all information contained or incorporated by reference in this prospectus supplement and the accompanying prospectus in making your investment decision. You should also read and consider the information in the documents to which we have referred you in [Where You Can Find More Information](#) in the accompanying prospectus.

No person is authorized to give any information or to make any representations other than those contained or incorporated by reference in this prospectus supplement or the accompanying prospectus and, if given or made, such information or representations must not be relied upon as having been authorized. This prospectus supplement and the accompanying prospectus do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the securities described in this prospectus supplement or an offer to sell or the solicitation of an offer to buy such securities in any circumstances in which such offer or solicitation is unlawful. Neither the delivery of this prospectus supplement and the accompanying prospectus, nor any sale made hereunder, shall under any circumstances create any implication that there has been no change in our affairs since the date of this prospectus supplement, or that the information contained or incorporated by reference in this prospectus supplement or the accompanying prospectus is correct as of any time subsequent to the date of such information.

The distribution of this prospectus supplement and the accompanying prospectus and the offering of the notes in certain jurisdictions may be restricted by law. This prospectus supplement and the accompanying prospectus do not constitute an offer, or an invitation on our behalf or the underwriters or any of them, to subscribe to or purchase any of the notes, and may not be used for or in connection with an offer or solicitation by anyone, in any jurisdiction in which such an offer or solicitation is not authorized or to any person to whom it is unlawful to make such an offer or solicitation. See [Underwriting](#).

In this prospectus supplement, unless otherwise stated or the context otherwise requires, references to [we](#), [us](#), [our](#), [Dow](#) and [Company](#) refer to The Dow Chemical Company and its consolidated subsidiaries. If we use a capitalized term in this prospectus supplement and do not define the term in this document, it is defined in the accompanying prospectus.

CAUTIONARY STATEMENTS RELATING TO FORWARD-LOOKING INFORMATION

This prospectus supplement and the accompanying prospectus, and the documents incorporated herein by reference, may contain forward looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Additionally, we or our representatives may, from time to time, make other written or verbal forward-looking statements. Those statements relate to developments, results, conditions or other events we expect or anticipate will occur in the future. We intend words such as [believes](#), [anticipates](#), [may](#), [should](#), [could](#), [plans](#), [expects](#) and similar expressions to identify forward-looking statements. The forward looking statements involve risks and uncertainties that may affect the Company's operations, markets, products, services, prices and other factors as more fully discussed elsewhere and in the documents incorporated herein by reference. These risks and uncertainties include, but are not limited to, economic, competitive, legal, governmental and technological factors. Accordingly, there is no assurance that the Company's expectations will be realized. The Company assumes no obligation to provide revisions to any forward-looking statements should circumstances change, except as otherwise required by securities and other applicable laws.

Table of Contents

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information about us and this offering. It may not contain all of the information that is important to you in deciding whether to purchase notes. We encourage you to read the entire prospectus supplement, the accompanying prospectus and the documents that we have filed with the SEC that are incorporated by reference prior to deciding whether to purchase notes.

The Dow Chemical Company

Dow is a diversified chemical company that combines the power of science and technology with the Human Element to constantly improve what is essential to human progress. The Company delivers a broad range of products and services to customers in approximately 160 countries, connecting chemistry and innovation with the principles of sustainability to help provide everything from fresh water, food and pharmaceuticals to paints, packaging and personal care products. In 2007, Dow had annual sales of \$53.5 billion and employed approximately 45,900 people worldwide. The Company has 150 manufacturing sites in 35 countries and produces approximately 3,100 products. Below are descriptions of the Company's operating segments.

Performance Plastics

Dow Automotive serves the global automotive market and is a leading supplier of plastics, adhesives, sealants and other plastics-enhanced products for interior, exterior, under-the-hood, vehicle body structure and acoustical management technology solutions. With offices and application development centers around the world, Dow Automotive provides materials science expertise and comprehensive technical capabilities to its customers worldwide.

Dow Building Solutions manufactures and markets an extensive line of insulation, weather barrier, and oriented composite building solutions and adhesives. The business is the recognized leader in extruded polystyrene (XPS) insulation, known industry-wide by its distinctive blue color and the Dow STYROFOAM brand for more than 50 years.

Dow Epoxy is a leading global producer of epoxy resins, intermediates and specialty resins for a wide range of industries and applications such as coatings, electrical laminates, civil engineering, adhesives and composites. With plants strategically located across four continents, the business is focused on providing customers around the world with differentiated solution-based epoxy products and innovative technologies and services.

The **Polyurethanes and Polyurethane Systems** business is a leading global producer of polyurethane raw materials and polyurethane systems. Differentiated by its ability to globally supply a high-quality, consistent and complete product range, this business emphasizes both existing and new business developments while facilitating customer success with a global market and technology network.

Specialty Plastics and Elastomers is a business portfolio of specialty products including a broad range of engineering plastics and compounds, performance elastomers and plastomers, specialty copolymers, synthetic rubber, polyvinylidene chloride resins and films (PVDC), and specialty film substrates. The business serves such industries as automotive, civil construction, wire and cable, building and construction, consumer electronics and appliances, food and specialty packaging, and footwear.

The **Technology Licensing and Catalyst** business includes licensing and supply of related catalysts, process control software and services for the UNIPOL polypropylene process, the METEOR process for ethylene oxide (EO) and ethylene glycol (EG), the LP OXO process for oxo alcohols, the QBIS bisphenol A

Table of Contents

process, and Dow's proprietary technology for production of purified terephthalic acid (PTA). Licensing of the UNIPOL polyethylene process and sale of related catalysts, including metallocene catalysts, are handled through Univation Technologies, LLC, a 50:50 joint venture of Union Carbide Corporation.

Performance Chemicals

Designed Polymers is a business portfolio of products and systems characterized by unique chemistry, specialty functionalities, and people with deep expertise in regulated industries. Within Designed Polymers, Dow Water Solutions offers world-class brands and enabling component technologies designed to advance the science of desalination, water purification, trace contaminant removal and water recycling. Also in Designed Polymers, businesses such as Dow Wolff Cellulosics, Dow Biocides and ANGUS Chemical Company (a wholly owned subsidiary of Dow), develop and market a range of products that enhance or enable key physical and sensory properties of end-use products in applications such as food, pharmaceuticals, oil and gas, paints and coatings, personal care, and building and construction.

The **Dow Latex** business is a major global supplier of latexes, for a wide range of industries and applications. It provides the broadest line of styrene/butadiene (S/B) products supporting customers in paper and paperboard (for magazines, catalogues and food packaging) applications, and the carpet and floor covering industry. UCAR Emulsion Systems (UES) manufactures and sells acrylic, vinyl acrylic, vinyl acetate ethylene (VAE), and S/B and styrene acrylic latexes and NEOCAR branched vinyl ester latexes for use in the architectural and industrial coatings, adhesives, construction products such as caulks and sealants, textile, and traffic paint. It also offers the broadest product range in the dispersion area and produces and markets UCAR POLYPHOBE rheology modifiers.

The **Specialty Chemicals** business provides products and services used as functional ingredients or processing aids in the manufacture of a diverse range of products. Applications include agricultural and pharmaceutical products and processing, building and construction, chemical processing and intermediates, electronics, food processing and ingredients, gas treating solvents, fuels and lubricants, oil and gas, household and institutional cleaners, coatings and paints, pulp and paper manufacturing, metal degreasing and dry cleaning, and transportation. Dow Haltermann Custom Processing provides contract and custom manufacturing services to other specialty chemical, agricultural chemical and biodiesel producers.

The Performance Chemicals segment also includes the results of Dow Corning Corporation, and a portion of the results of the OPTIMAL Group of Companies and the SCG-Dow Group, all joint ventures of the Company.

Agricultural Sciences

Dow AgroSciences is a global leader in providing pest management, agricultural and crop biotechnology products and solutions. The business develops, manufactures and markets products for crop production; weed, insect and plant disease management; and industrial and commercial pest management. Dow AgroSciences is building a leading plant genetics and biotechnology business in agricultural seeds, traits, healthy oils, and animal health.

Basic Plastics

The **Polyethylene** business is the world's leading supplier of polyethylene-based solutions through sustainable product differentiation. Through the use of multiple catalyst and process technologies, the business offers customers one of the industry's broadest ranges of polyethylene resins via a strong global network of local experts focused on partnering for long-term success.

Table of Contents

The **Polypropylene** business, a major global polypropylene supplier, provides a broad range of products and solutions tailored to customer needs by leveraging Dow's leading manufacturing and application technology, research and product development expertise, extensive market knowledge and strong customer relationships.

The **Polystyrene** business, the global leader in the production of polystyrene resins, is uniquely positioned with geographic breadth and participation in a diversified portfolio of applications. Through market and technical leadership and low cost capability, the business continues to improve product performance and meet customer needs.

The Basic Plastics segment also includes the results of Equipolymers and a portion of the results of EQUATE Petrochemical Company K.S.C. and the SCG-Dow Group, all joint ventures of the Company.

Basic Chemicals

The **Core Chemicals** business is a leading global producer of each of its basic chemical products, which are sold to many industries worldwide, and also serve as key raw materials in the production of a variety of Dow's performance and plastics products.

The **Ethylene Oxide/Ethylene Glycol** business is a key supplier of ethylene glycol to MEGlobal, a 50:50 joint venture and a world leader in the manufacture and marketing of merchant monoethylene glycol and diethylene glycol. Dow also supplies ethylene oxide to internal derivatives businesses. Ethylene glycol is used in polyester fiber, polyethylene terephthalate (PET) for food and beverage container applications, polyester film and antifreeze.

The Basic Chemicals segment also includes the results of MEGlobal and a portion of the results of EQUATE Petrochemical Company K.S.C. and the OPTIMAL Group of Companies, all joint ventures of the Company.

Hydrocarbons and Energy

The **Hydrocarbons and Energy** business encompasses the procurement of fuels, natural gas liquids and crude oil-based raw materials, as well as the supply of monomers, power and steam principally for use in Dow's global operations. The business regularly sells its byproducts; the business also buys and sells products in order to balance regional production capabilities and derivative requirements. The business also sells products to certain Dow joint ventures. Dow is the world leader in the production of olefins and aromatics.

The Hydrocarbons and Energy segment also includes the results of Compañía Mega S.A. and a portion of the results of the SCG-Dow Group, both joint ventures of the Company.

Unallocated and Other includes the results of New Ventures (which includes new business incubation platforms focused on identifying and pursuing new commercial opportunities); Venture Capital; the Company's insurance operations and environmental operations; and certain overhead and other cost recovery variances not allocated to the operating segments.

Corporate Information

Dow's principal executive offices are located at 2030 Dow Center, Midland, Michigan 48674, and our telephone number is (989) 636-1000. Our Internet website address is www.dow.com. The information contained on our website is not incorporated by reference in this prospectus supplement or the accompanying prospectus, and you should not consider them to be a part of this prospectus supplement or the accompanying prospectus.

Table of Contents

The Offering

Issuer	The Dow Chemical Company
Securities Offered	\$ % Notes due
Maturity	The notes will mature on , .
Interest	Interest on the notes will accrue at the rate of % per year from , 2008. Interest on the notes will be payable semi-annually in arrears on and of each year, beginning , 2008.
Optional Redemption	<p>We may redeem the notes at our option, at any time in whole or from time to time in part at a redemption price equal to the greater of:</p> <p style="padding-left: 40px;">100% of the principal amount of the notes being redeemed; and</p> <p style="padding-left: 40px;">the sum of the present values of the remaining scheduled payments of principal and interest thereon (not including any portion of such payments of interest accrued as of the date of redemption), discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below), plus basis points.</p> <p>We will also pay the accrued and unpaid interest on the notes to the redemption date.</p>
Repurchase at the Option of Holders Upon a Change of Control Repurchase Event	If we experience a Change of Control Repurchase Event (as defined in this prospectus supplement), we will be required, unless we have exercised our right to redeem the notes, to offer to purchase the notes at a purchase price equal to 101% of their principal amount, plus accrued and unpaid interest.
Ranking	The notes will be our senior unsecured obligations and will rank equal in right of payment to our other senior unsecured debt from time to time outstanding. At March 31, 2008, we had approximately \$8,219 million in principal amount of long-term indebtedness outstanding on a consolidated basis, of which \$1,346 million of subsidiary indebtedness would be structurally senior to the notes.
Use of Proceeds	The proceeds from this offering will be used for general corporate purposes, which may include funding capital expenditures, pursuing growth initiatives, whether through acquisitions, joint ventures or otherwise, repaying or refinancing indebtedness or other obligations, and financing working capital. See Use of Proceeds.

Further Issues

We may from time to time, without notice to or the consent of the holders of the notes of any series, create and issue additional debt securities having the same terms (except for the issue date, the public

S-5

Table of Contents

offering price and the first interest payment date) and ranking equally and ratably with the notes offered hereby in all respects, as described under Description of the Notes General. Any additional debt securities having such similar terms, together with the notes offered hereby, will constitute a single series of securities under the indenture.

Denomination and Form

We will issue the notes in the form of one or more fully registered global notes registered in the name of the nominee of The Depository Trust Company, or DTC. Beneficial interests in the notes will be represented through book-entry accounts of financial institutions acting on behalf of beneficial owners as direct and indirect participants in DTC. Clearstream Banking, societe anonyme and Euroclear Bank, S.A./N.V., as operator of the Euroclear System, will hold interests on behalf of their participants through their respective U.S. depositories, which in turn will hold such interests in accounts as participants of DTC. Except in the limited circumstances described in this prospectus supplement, owners of beneficial interests in the notes will not be entitled to have notes registered in their names, will not receive or be entitled to receive notes in definitive form and will not be considered holders of notes under the indenture. The notes will be issued only in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

Risk Factors

Investing in the notes involves risks. See Risk Factors for a description of certain risks you should particularly consider before investing in the notes.

Trustee

The Bank of New York Trust Company, N.A.

Governing Law

New York

Table of Contents**Summary Consolidated Financial Data**

The following table sets forth our summary consolidated financial and other data. You should read the following information in conjunction with our consolidated financial statements and related notes and the other financial and statistical information that we include or incorporate by reference in this prospectus supplement and the accompanying prospectus.

	Three Months Ended		Year Ended December 31,				
	March 31, 2008	2007	2007	2006	2005	2004	2003
(dollars in millions)							
Summary of Operations Data:							
Net sales	\$ 14,824	\$ 12,432	\$ 53,513	\$ 49,124	\$ 46,307	\$ 40,161	\$ 32,632
Cost of sales	12,908	10,605	46,400	41,526	38,276	34,244	28,177
Research and development expenses	331	302	1,305	1,164	1,073	1,022	981
Selling, general and administrative expenses	498	418	1,864	1,663	1,545	1,436	1,392
Amortization of intangibles	22	11	72	50	55	81	63
Purchased in-process research and development charges			57				
Special charges, merger-related expenses, and restructuring charges			578	591	114	543	
Asbestos-related charge (credit)				(177)			
Other income	320	343	1,446	1,096	1,719	1,622	468
Interest expense net	121	106	454	431	564	661	736
Income before income taxes and minority interests	1,264	1,333	4,229	4,972	6,399	3,796	1,751
Provision (Credit) for income taxes	299	335	1,244	1,155	1,782	877	(82)
Minority interests share in income	24	25	98	93	82	122	94
Income (Loss) before cumulative effect of changes in accounting principles	941	973	2,887	3,724	4,535	2,797	1,739
Cumulative effect of changes in accounting principles					(20)		(9)
Net income (Loss) available for common stockholders	\$ 941	\$ 973	\$ 2,887	\$ 3,724	\$ 4,515	\$ 2,797	\$ 1,730
Balance Sheet Data (end of period):							
Total assets	\$ 50,657	\$ 46,030	\$ 48,801	\$ 45,581	\$ 45,934	\$ 45,885	\$ 41,891
Working capital	6,732	6,919	6,209	6,608	6,741	5,384	3,578
Property gross	49,044	44,818	47,708	44,381	41,934	41,898	40,812
Property net	14,545	13,644	14,388	13,722	13,537	13,828	14,217
Long-term debt	7,392	7,975	7,581	8,036	9,186	11,629	11,763
Total debt	10,333	9,649	9,715	9,546	10,706	12,594	13,109
Net stockholders equity	20,179	17,325	19,389	17,065	15,324	12,270	9,175
Financial Ratios:							
Research and development expenses as percent of net sales	2.2%	2.4%	2.4%	2.4%	2.3%	2.5%	3.0%
Income before income taxes and minority interests as percent of net sales	8.5%	10.7%	7.9%	10.1%	13.8%	9.5%	5.4%
Return on stockholders equity	18.7%	22.5%	14.9%	21.8%	29.5%	22.8%	18.9%
Debts as a percent of total capitalization	32.3%	34.0%	31.8%	34.1%	39.1%	47.9%	55.4%
Ratio of earnings to fixed charges (1)	6.9x	6.8x	5.3x	6.1x	7.2x	4.3x	2.5x
General:							
Capital expenditures	359	330	2,075	\$ 1,775	\$ 1,597	\$ 1,333	\$ 1,100
Depreciation	495	466	1,959	1,904	1,904	1,904	1,753

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

Salaries and wages paid	1,113	1,069	4,404	3,935	4,309	3,993	3,608
Cost of employee benefits	278	299	1,130	1,125	988	885	783
Number of employees at year-end (thousands)	45.5	42.8	45.9	42.6	42.4	43.2	46.4

S-7

Table of Contents

- (1) For the purpose of these ratios, earnings consist of income before (i) income taxes, (ii) minority interests, (iii) extraordinary items, (iv) cumulative effect of changes in accounting principles, (v) amortization of capitalized interest and (vi) fixed charges (adjusted to exclude capitalized interest) and after adjustment for unremitted earnings of 20% to 50% owned companies. Fixed charges consist of interest on all indebtedness, amortization of capitalized debt costs, discount or premium and a portion of rentals deemed to represent an interest factor.

S-8

Table of Contents

RISK FACTORS

You should carefully consider the following risk factors, the risk factors described in Item 1A to our Annual Report on Form 10-K for the year ended December 31, 2007, our Quarterly Report on Form 10-Q for the three-months ended March 31, 2008 as well as the other information included or incorporated by reference into this prospectus supplement and the accompanying prospectus, before making an investment decision. The following is not intended as, and should not be construed as, an exhaustive list of relevant risk factors. There may be other risks that a prospective investor should consider that are relevant to its own particular circumstances or generally.

The notes are effectively subordinated to the existing and future liabilities of our subsidiaries.

The notes are senior unsecured obligations of The Dow Chemical Company (TDCC) and will rank equal in right of payment to TDCC 's other senior unsecured debt from time to time outstanding. The notes are not secured by any of TDCC 's assets. Any future claims of secured lenders with respect to assets securing their loans will be prior to any claim of the holders of the notes with respect to those assets.

TDCC 's subsidiaries are separate and distinct legal entities from TDCC. TDCC 's subsidiaries have no obligation to pay any amounts due on the notes or to provide TDCC with funds to meet its payment obligations on the notes, whether in the form of dividends, distributions, loans or other payments. In addition, any payment of dividends, loans or advances by TDCC 's subsidiaries could be subject to statutory or contractual restrictions. Payments to TDCC by its subsidiaries will also be contingent upon the subsidiaries ' earnings and business considerations. TDCC 's right to receive any assets of any of its subsidiaries upon their bankruptcy, liquidation or reorganization, and therefore the right of the holders of the notes to participate in those assets, will be effectively subordinated to the claims of that subsidiary 's creditors, including trade creditors. In addition, even if TDCC is a creditor of any of its subsidiaries, its right as a creditor would be subordinate to any security interest in the assets of its subsidiaries and any indebtedness of its subsidiaries senior to that held by TDCC. At March 31, 2008, TDCC had approximately \$8,219 million in principal amount of long-term indebtedness outstanding on a consolidated basis, of which \$1,346 million of subsidiary indebtedness would be structurally senior to the notes.

We may not be able to repurchase the notes upon a change of control.

Upon the occurrence of specific kinds of change of control events, unless we have exercised our right to redeem the notes, each holder of notes will have the right to require us to repurchase all or any part of such holder 's notes at a price equal to 101% of their principal amount, plus accrued and unpaid interest, if any, to the date of purchase. If we experience a Change of Control Repurchase Event, there can be no assurance that we would have sufficient financial resources available to satisfy our obligations to repurchase the notes. Our failure to purchase the notes as required under the indenture governing the notes would result in a default under the indenture, which could have material adverse consequences for us and the holders of the notes. See Description of the Notes Repurchase at the Option of Holders Upon a Change of Control Repurchase Event.

The indenture does not restrict the amount of additional debt that we may incur.

The notes and indenture under which the notes will be issued do not place any limitation on the amount of unsecured debt that may be incurred by us. Our incurrence of additional debt may have important consequences for you as a holder of the notes, including making it more difficult for us to satisfy our obligations with respect to the notes, a loss in the trading value of your notes, if any, and a risk that the credit rating of the notes is lowered or withdrawn.

Our credit ratings may not reflect all risks of your investments in the notes.

Our credit ratings are an assessment by rating agencies of our ability to pay our debts when due. Consequently, real or anticipated changes in our credit ratings will generally affect the market value of the notes. These credit ratings may not reflect the potential impact of risks relating to structure or marketing of the notes.

Table of Contents

Agency ratings are not a recommendation to buy, sell or hold any security, and may be revised or withdrawn at any time by the issuing organization. Each agency's rating should be evaluated independently of any other agency's rating.

If an active trading market does not develop for the notes, you may be unable to sell your notes or to sell your notes at a price that you deem sufficient.

The notes are new issues of securities for which there currently is no established trading market. We do not intend to list the notes on a national securities exchange. While the underwriters of the notes have advised us that they intend to make a market in the notes, the underwriters will not be obligated to do so and may stop their market-making at any time. No assurance can be given:

that a market for the notes will develop or continue;

as to the liquidity of any market that does develop; or

as to your ability to sell any notes you may own or the price at which you may be able to sell your notes.

S-10

Table of Contents**USE OF PROCEEDS**

The net proceeds to us from the sale of the notes will be approximately \$ _____ million (after deducting underwriting discounts and our offering expenses). We intend to use the net proceeds from the sale of the notes for general corporate purposes, which may include funding capital expenditures, pursuing growth initiatives, whether through acquisitions, joint ventures or otherwise, repaying or refinancing indebtedness or other obligations, and financing working capital. Pending the application of the net proceeds, we expect to invest the net proceeds in marketable securities or reduce our short-term indebtedness.

CAPITALIZATION

The following table sets forth, as of March 31, 2008, our consolidated cash and cash equivalents, short-term debt and total long-term debt and stockholders' equity on an actual basis and as adjusted to give effect to the sale of the notes. You should read this table in conjunction with our consolidated financial statements and related notes thereto which are incorporated by reference.

	At March 31, 2008	
	Actual	As Adjusted
	(dollars in millions)	
Cash and cash equivalents	\$ 1,673	
Short-term debt (including current maturities of long-term debt)	\$ 2,941	
Long-term debt:		
7.37% Notes due 2009	\$ 388	
6 1/8% Notes due 2011	808	
6% Notes due 2012	909	
7 3/8% Notes due 2029	968	
4.37% Notes due 2010, Euro	630	
4.62% Notes due 2011, Euro	773	
Other Notes	2,693	
Notes offered hereby		
Other long-term debt	1,050	
Less: current maturities of long-term debt	(827)	
Total long-term debt	7,392	
Stockholders' equity:		
Common stock	2,453	
Additional paid-in capital	947	
Retained earnings	18,542	
Accumulated other comprehensive loss	415	
Treasury stock at cost	(2,178)	
Net stockholders' equity	20,179	
Total long-term debt and stockholders' equity	\$ 27,571	

Table of Contents

DESCRIPTION OF THE NOTES

The following description of the particular terms of the notes supplements the description of the general terms and provisions of the debt securities set forth in the accompanying prospectus, to which reference is made. References to we, us and our in this section are only to The Dow Chemical Company and not to its subsidiaries.

General

The notes will be issued under an indenture dated as of May 1, 2008, between us and The Bank of New York Trust Company, N.A., as trustee.

The notes will be our senior unsecured obligations and will rank equal in right of payment to our other senior unsecured debt from time to time outstanding. The notes will be effectively subordinated to all liabilities of our subsidiaries, including trade payables. Since we conduct many of our operations through our subsidiaries, our right to participate in any distribution of the assets of a subsidiary when it winds up its business is subject to the prior claims of the creditors of the subsidiary. This means that your right as a holder of our notes will also be subject to the prior claims of these creditors if a subsidiary liquidates or reorganizes or otherwise winds up its business. Unless we are considered a creditor of the subsidiary, your claims will be recognized behind these creditors. At March 31, 2008, we had approximately \$8,219 million in principal amount of long-term indebtedness outstanding on a consolidated basis, of which \$1,346 million of subsidiary indebtedness would be structurally senior to the notes.

The notes will initially be limited to \$ _____ in aggregate principal amount. The indenture does not limit the amount of notes, debentures or other evidences of indebtedness that we may issue under the indenture and provides that notes, debentures or other evidences of indebtedness may be issued from time to time in one or more series. We may from time to time, without giving notice to or seeking the consent of the holders of the notes, issue notes having the same terms (except for the issue date, the public offering price and the first interest payment date) and ranking equally and ratably with the notes of the applicable series of notes offered hereby. Any additional debt securities having such similar terms, together with the notes offered hereby, will constitute a single series of securities under the indenture.

The notes will mature on _____, _____. The notes will bear interest at the rate of _____ % per year. Interest on the notes will accrue from _____, 2008. We will make interest payments on the notes semi-annually in arrears on _____ and _____ of each year, commencing _____, 2008, to the holders of record at the close of business on the immediately preceding _____ and _____, respectively (whether or not a business day). Interest on the notes will be computed on the basis of a 360-day year consisting of twelve 30-day months.

If an interest payment date or the maturity date with respect to the fixed rate falls on a day that is not a business day, the payment will be made on the next business day as if it were made on the date the payment was due, and no interest will accrue on the amount so payable for the period from and after that interest payment date or the maturity date, as the case may be, to the date the payment is made. Interest payment for the notes will include accrued interest from and including the date of issue or from and including the last date in respect of which interest has been paid, as the case may be, to, but excluding, the interest payment date or the date of maturity, as the case may be.

The notes will be issued only in fully registered form without coupons and in denominations of \$2,000 or any whole multiple of \$1,000 above that amount.

Principal and interest will be payable, and the notes will be transferable or exchangeable, at the office or offices or agency maintained by us for these purposes. Payment of interest on the notes may be made at our option by check mailed to the registered holders.

No service charge will be made for any transfer or exchange of the notes, but we may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection with a transfer or exchange.

Table of Contents

The notes will be represented by one or more global securities registered in the name of a nominee of DTC. Except as described under Book-Entry Delivery and Settlement, the notes will not be issuable in certificated form.

As used in this prospectus supplement, a business day means any day, other than a Saturday or Sunday, that is neither a legal holiday nor a day on which banking institutions are authorized or required by law or regulation to close in the City of New York.

Optional Redemption

The notes will be redeemable, in whole at any time or in part from time to time, at our option at a redemption price equal to the greater of:

- (i) 100% of the principal amount of the notes to be redeemed on that redemption date; and
- (ii) the sum of the present values of the remaining scheduled payments of principal and interest on the notes being redeemed on that redemption date (not including any portion of such payments of interest accrued as of the date of redemption), discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below), plus basis points,

plus, in each case, accrued and unpaid interest thereon to the date of redemption. Notwithstanding the foregoing, installments of interest on notes that are due and payable on interest payment dates falling on or prior to a redemption date will be payable on the interest payment date to the registered holders as of the close of business on the relevant record date according to the notes and the indenture.

Comparable Treasury Issue means the United States Treasury security selected by the Quotation Agent as having a maturity comparable to the remaining term (as measured from the date of redemption) of the series of the notes to be redeemed that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of such notes.

Comparable Treasury Price means, with respect to any redemption date, (i) the average of four Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest such Reference Treasury Dealer Quotations, or (ii) if the trustee obtains fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations, or (iii) if only one Reference Treasury Dealer Quotation is received, such quotation.

Quotation Agent means any Reference Treasury Dealer appointed by us.

Reference Treasury Dealer means (i) each of Merrill Lynch, Pierce, Fenner & Smith Incorporated, HSBC Securities (USA) Inc. and Greenwich Capital Markets, Inc. (or their respective affiliates that are Primary Treasury Dealers) and their respective successors; provided, however, that if any of the foregoing shall cease to be a primary U.S. Government securities dealer in New York City (a Primary Treasury Dealer), we will substitute therefor another Primary Treasury Dealer, and (ii) any other Primary Treasury Dealer selected by us.

Reference Treasury Dealer Quotations means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the trustee, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the trustee by such Reference Treasury Dealer at 5:00 p.m., New York City time, on the third business day preceding such redemption date.

Treasury Rate means, with respect to any redemption date, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, assuming a price for the Comparable Treasury

Table of Contents

Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such redemption date.

Notice of any redemption will be mailed at least 30 days but not more than 60 days before the redemption date to each registered holder of the notes to be redeemed by us or by the trustee on our behalf; *provided* that notice of redemption may be mailed more than 60 days prior to a redemption date if the notice is issued in connection with a defeasance of the notes or a satisfaction and discharge of the notes. Once notice of redemption is mailed, the notes called for redemption will become due and payable on the redemption date and at the applicable redemption price, plus accrued and unpaid interest to, but excluding, the redemption date.

Unless we default in payment of the redemption price, on and after the redemption date, interest will cease to accrue on the notes or portions thereof called for redemption. On or before the redemption date, we will deposit with a paying agent (or the trustee) money sufficient to pay the redemption price of and accrued interest on the notes to be redeemed on that date. If less than all of the notes are to be redeemed, the notes to be redeemed shall be selected by lot by DTC, in the case of notes represented by a global security, or by the trustee by a method the trustee deems to be fair and appropriate, in the case of notes that are not represented by a global security.

Repurchase at the Option of Holders Upon Change of Control Repurchase Event

If a Change of Control Repurchase Event (as defined below) occurs, unless we have exercised our right to redeem the notes as described above, we will make an offer to each holder of notes to repurchase all or any part (in integral multiples of \$1,000) of that holder's notes at a repurchase price in cash equal to 101% of the aggregate principal amount of notes repurchased plus any accrued and unpaid interest on the notes repurchased to the date of purchase. Within 30 days following any Change of Control Repurchase Event or, at our option, prior to any Change of Control (as defined below), but after the public announcement of an impending Change of Control, we will mail a notice to each holder, with a copy to the trustee, describing the transaction or transactions that constitute or may constitute the Change of Control Repurchase Event and offering to repurchase notes on the payment date specified in the notice, which date will be no earlier than 30 days and no later than 60 days from the date such notice is mailed. The notice shall, if mailed prior to the date of consummation of the Change of Control, state that the offer to purchase is conditioned on the Change of Control Repurchase Event occurring on or prior to the payment date specified in the notice.

We will comply with the requirements of Rule 14e-1 under the Securities Exchange Act of 1934, as amended, or the Exchange Act, and any other securities laws and regulations thereunder, to the extent those laws and regulations are applicable in connection with the repurchase of the notes as a result of a Change of Control Repurchase Event. To the extent that the provisions of any securities laws or regulations conflict with the Change of Control Repurchase Event provisions of the notes, we will comply with the applicable securities laws and regulations and will not be deemed to have breached our obligations under the Change of Control Repurchase Event provisions of the notes by virtue of such conflict.

On the Change of Control Repurchase Event payment date, we will, to the extent lawful:

accept for payment all notes or portions of notes (in integral multiples of \$1,000) properly tendered pursuant to our offer;

deposit with the paying agent an amount equal to the aggregate purchase price in respect of all notes or portions of notes properly tendered; and

deliver or cause to be delivered to the trustee the notes properly accepted, together with an officer's certificate stating the aggregate principal amount of notes being purchased by us.

The paying agent will promptly mail to each holder of notes properly tendered the purchase price for the notes, and the trustee will promptly authenticate and mail (or cause to be transferred by book-entry) to each

Table of Contents

holder a new note equal in principal amount to any unpurchased portion of any notes surrendered; provided, that each new note will be in a principal amount of \$2,000 or an integral multiple of \$1,000 above that amount.

We will not be required to make an offer to repurchase the notes upon a Change of Control Repurchase Event if a third party makes such an offer in the manner, at the times and otherwise in compliance with the requirements for an offer made by us and such third party purchases all notes properly tendered and not withdrawn under its offer.

We have no present intention to engage in a transaction involving a Change of Control, although it is possible that we would decide to do so in the future. We could, in the future, enter into certain transactions, including acquisitions, refinancings or other recapitalizations, that would not constitute a Change of Control, but that could increase the amount of debt outstanding at such time or otherwise affect our capital structure or credit ratings.

Definitions

Below Investment Grade Rating Event means the rating on the notes is lowered by each of the Rating Agencies and the notes are rated below Investment Grade by each of the Rating Agencies on any date from the date of the public notice of an arrangement that could result in a Change of Control until the end of the 60-day period following public notice of the occurrence of a Change of Control (which period shall be extended so long as the rating of the notes is under publicly announced consideration for possible downgrade by any of the Rating Agencies); *provided* that a Below Investment Grade Rating Event otherwise arising by virtue of a particular reduction in rating shall not be deemed to have occurred in respect of a particular Change of Control (and thus shall not be deemed a Below Investment Grade Rating Event for purposes of the definition of Change of Control Repurchase Event hereunder) if any of the Rating Agencies making the reduction in rating to which this definition would otherwise apply does not announce or publicly confirm or inform the trustee in writing at its request that the reduction was the result, in whole or in part, of any event or circumstance comprised of or arising as a result of, or in respect of, the applicable Change of Control (whether or not the applicable Change of Control shall have occurred at the time of the Below Investment Grade Rating Event).

Change of Control means the occurrence of any of the following:

- (1) the direct or indirect sale, transfer, conveyance or other disposition (other than by way of merger or consolidation), in one or a series of related transactions, of all or substantially all of our properties or assets and those of our subsidiaries taken as a whole to any person or group (as those terms are used for purposes of Section 13(d)(3) of the Exchange Act), other than us or one or more of our subsidiaries;
- (2) the consummation of any transaction or series of related transactions (including, without limitation, any merger or consolidation) the result of which is that any person or group (as those terms are used for purposes of Section 13(d)(3) of the Exchange Act), other than us or one of our wholly-owned subsidiaries, becomes the beneficial owner, directly or indirectly, of more than 50% of the then outstanding number of shares of our Voting Stock, measured by voting power rather than number of shares;
- (3) the Company consolidates with, or merges with or into, any Person, or any Person consolidates with, or merges with or into, the Company, in any such event pursuant to a transaction in which any of the outstanding Voting Stock of the Company or such other Person is converted into or exchanged for cash, securities or other property, other than any such transaction where the shares of the Voting Stock of the Company outstanding immediately prior to such transaction constitute, or are converted into or exchanged for, a majority of the Voting Stock of the surviving Person immediately after giving effect to such transaction;
- (4) the first day on which a majority of the members of our Board of Directors are not Continuing Directors; or

Table of Contents

(5) the adoption of a plan relating to our liquidation or dissolution.

Notwithstanding the foregoing, a transaction will not be considered to be a Change of Control under clause (2) above if (a) we become a direct or indirect wholly-owned subsidiary of a holding company and (b) (y) immediately following that transaction, the direct or indirect holders of the Voting Stock of the holding company are substantially the same as the holders of our Voting Stock immediately prior to that transaction or (z) immediately following that transaction, no person (as that term is used in Section 13(d) (3) of the Exchange Act) is the beneficial owner, directly or indirectly, of more than 50% of the Voting Stock of the holding company.

The definition of Change of Control includes a phrase relating to the direct or indirect sale, lease, transfer, conveyance or other disposition of all or substantially all of our properties or assets and those of our subsidiaries taken as a whole. Although there is a limited body of case law interpreting the phrase substantially all there is no precise established definition of the phrase under applicable law. Accordingly, the ability of a holder of notes to require us to repurchase its notes as a result of a sale, lease, transfer, conveyance or other disposition of less than all of our properties and assets and of those of our subsidiaries taken as a whole to another person or group may be uncertain.

Change of Control Repurchase Event means the occurrence of both a Change of Control and a Below Investment Grade Rating Event.

Continuing Directors means, as of any date of determination, any member of our Board of Directors who (1) was a member of such Board of Directors on the date of the issuance of the notes; or (2) was nominated for election or elected to such Board of Directors with the approval of a majority of the Continuing Directors who were members of such Board of Directors at the time of such nomination or election (either by a specific vote or by approval of our proxy statement in which such member was named as a nominee for election as a director).

Fitch means Fitch Ratings Ltd.

Investment Grade means a rating of BBB- or better by Fitch (or its equivalent under any successor rating categories of Fitch), Baa3 or better by Moody's (or its equivalent under any successor rating categories of Moody's) and a rating of BBB- or better by S&P (or its equivalent under any successor rating categories of S&P) or the equivalent investment grade credit rating from any additional Rating Agency or Rating Agencies selected by us.

Moody's means Moody's Investors Service Inc.

Rating Agency means (1) each of Fitch, Moody's and S&P; and (2) if any of Fitch, Moody's or S&P ceases to rate the notes or fails to make a rating of the notes publicly available for reasons outside of our control, a nationally recognized statistical rating organization within the meaning of Rule 15c3-1(c)(2)(vi)(F) under the Exchange Act, selected by us as a replacement agency for Fitch, Moody's or S&P, as the case may be.

S&P means Standard & Poor's Ratings Services, a division of McGraw-Hill, Inc.

Voting Stock means, with respect to any person, capital stock of any class or kind the holders of which are ordinarily, in the absence of contingencies, entitled to vote for the election of directors (or persons performing similar functions) of such person, even if the right so to vote has been suspended by the happening of such a contingency.

Sinking Fund

The notes will not be entitled to any sinking fund.

Table of Contents

Book-Entry Delivery and Settlement

Global Notes

We will issue the notes in the form of one or more global notes in definitive, fully registered, book-entry form. The global notes will be deposited with or on behalf of DTC and registered in the name of Cede & Co., as nominee of DTC.

DTC, Clearstream and Euroclear

Beneficial interests in the global notes will be represented through book-entry accounts of financial institutions acting on behalf of beneficial owners as direct and indirect participants in DTC. Investors may hold interests in the global notes through either DTC (in the United States), Clearstream Banking, societe anonyme, Luxembourg, which we refer to as Clearstream, or Euroclear Bank S.A./ N.V., as operator of the Euroclear System, which we refer to as Euroclear, in Europe, either directly if they are participants in such systems or indirectly through organizations that are participants in such systems. Clearstream and Euroclear will hold interests on behalf of their participants through customers' securities accounts in Clearstream's and Euroclear's names on the books of their U.S. depositaries, which in turn will hold such interests in customers' securities accounts in the U.S. depositaries' names on the books of DTC.

DTC has advised us that:

DTC is a limited-purpose trust company organized under the New York Banking Law, a banking organization within the meaning of the New York Banking Law, a member of the Federal Reserve System, a clearing corporation within the meaning of the New York Uniform Commercial Code and a clearing agency registered under Section 17A of the Exchange Act.

DTC holds securities that its participants deposit with DTC and facilitates the settlement among participants of securities transactions, such as transfers and pledges, in deposited securities through electronic computerized book-entry changes in participants' accounts, thereby eliminating the need for physical movement of securities certificates.

Direct participants include securities brokers and dealers, banks, trust companies, clearing corporations and other organizations, some of whom, and/or their representatives, own DTC.

DTC is owned by a number of its direct participants and by The New York Stock Exchange, Inc., the American Stock Exchange LLC and the National Association of Securities Dealers, Inc.

Access to the DTC system is also available to others such as securities brokers and dealers, banks and trust companies that clear through or maintain a custodial relationship with a direct participant, either directly or indirectly.

The rules applicable to DTC and its direct and indirect participants are on file with the SEC.

Clearstream has advised us that it is incorporated under the laws of Luxembourg as a professional depository. Clearstream holds securities for its customers and facilitates the clearance and settlement of securities transactions between its customers through electronic book-entry changes in accounts of its customers, thereby eliminating the need for physical movement of certificates. Clearstream provides to its customers, among other things, services for safekeeping, administration, clearance and settlement of internationally traded securities and securities lending and borrowing. Clearstream interfaces with domestic markets in several countries. As a professional depository, Clearstream is subject to regulation by the Luxembourg Commission for the Supervision of the Financial Section. Clearstream customers are recognized financial institutions around the world, including underwriters, securities brokers and dealers, banks, trust companies, clearing corporations and other organizations and may include the underwriters. Indirect access to Clearstream is also available to others, such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a Clearstream customer either directly or indirectly.

S-17

Table of Contents

Euroclear has advised us that it was created in 1968 to hold securities for participants of Euroclear and to clear and settle transactions between Euroclear participants through simultaneous electronic book-entry delivery against payment, thereby eliminating the need for physical movement of certificates and any risk from lack of simultaneous transfers of securities and cash. Euroclear provides various other services, including securities lending and borrowing and interfaces with domestic markets in several countries. Euroclear is operated by Euroclear Bank S.A./N.V., which we refer to as the Euroclear Operator, under contract with Euroclear Clearance Systems S.C., a Belgian cooperative corporation, which we refer to as the Cooperative. All operations are conducted by the Euroclear Operator, and all Euroclear securities clearance accounts and Euroclear cash accounts are accounts with the Euroclear Operator, not the Cooperative. The Cooperative establishes policy for Euroclear on behalf of Euroclear participants. Euroclear participants include banks (including central banks), securities brokers and dealers, and other professional financial intermediaries and may include the underwriters. Indirect access to Euroclear is also available to other firms that clear through or maintain a custodial relationship with a Euroclear participant, either directly or indirectly.

We understand that the Euroclear Operator is licensed by the Belgian Banking and Finance Commission to carry out banking activities on a global basis. As a Belgian bank, it is regulated and examined by the Belgian Banking and Finance Commission.

We have provided the descriptions of the operations and procedures of DTC, Clearstream and Euroclear in this prospectus supplement solely as a matter of convenience. These operations and procedures are solely within the control of those organizations and are subject to change by them from time to time. None of us, the underwriters nor the trustee takes any responsibility for these operations or procedures, and you are urged to contact DTC, Clearstream and Euroclear or their participants directly to discuss these matters.

We expect that under procedures established by DTC:

upon deposit of the global notes with DTC or its custodian, DTC will credit on its internal system the accounts of direct participants designated by the underwriters with portions of the principal amounts of the global notes; and

ownership of the notes will be shown on, and the transfer of ownership thereof will be effected only through, records maintained by DTC or its nominee, with respect to interests of direct participants, and the records of direct and indirect participants, with respect to interests of persons other than participants.

The laws of some jurisdictions may require that purchasers of securities take physical delivery of those securities in definitive form. Accordingly, the ability to transfer interests in the notes represented by a global note to those persons may be limited. In addition, because DTC can act only on behalf of its participants, who in turn act on behalf of persons who hold interests through participants, the ability of a person having an interest in notes represented by a global note to pledge or transfer those interests to persons or entities that do not participate in DTC's system, or otherwise to take actions in respect of such interest, may be affected by the lack of a physical definitive security in respect of such interest.

So long as DTC or its nominee is the registered owner of a global note, DTC or that nominee will be considered the sole owner or holder of the notes represented by that global note for all purposes under the indenture and under the notes. Except as provided below, owners of beneficial interests in a global note will not be entitled to have notes represented by that global note registered in their names, will not receive or be entitled to receive physical delivery of certificated notes and will not be considered the owners or holders thereof under the indenture or under the notes for any purpose, including with respect to the giving of any direction, instruction or approval to the trustee. Accordingly, each holder owning a beneficial interest in a global note must rely on the procedures of DTC and, if that holder is not a direct or indirect participant, on the procedures of the participant through which that holder owns its interest, to exercise any rights of a holder of notes under the indenture or a global note.

Table of Contents

Neither we nor the trustee will have any responsibility or liability for any aspect of the records relating to or payments made on account of notes by DTC, Clearstream or Euroclear, or for maintaining, supervising or reviewing any records of those organizations relating to the notes.

Payments on the notes represented by the global notes will be made to DTC or its nominee, as the case may be, as the registered owner thereof. We expect that DTC or its nominee, upon receipt of any payment on the notes represented by a global note, will credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the global note as shown in the records of DTC or its nominee. We also expect that payments by participants to owners of beneficial interests in the global note held through such participants will be governed by standing instructions and customary practice as is now the case with securities held for the accounts of customers registered in the names of nominees for such customers. The participants will be responsible for those payments.

Distributions on the notes held beneficially through Clearstream will be credited to cash accounts of its customers in accordance with its rules and procedures, to the extent received by the U.S. depository for Clearstream.

Securities clearance accounts and cash accounts with the Euroclear Operator are governed by the Terms and Conditions Governing Use of Euroclear and the related Operating Procedures of the Euroclear System, and applicable Belgian law (collectively, the Terms and Conditions). The Terms and Conditions govern transfers of securities and cash within Euroclear, withdrawals of securities and cash from Euroclear, and receipts of payments with respect to securities in Euroclear. All securities in Euroclear are held on a fungible basis without attribution of specific certificates to specific securities clearance accounts. The Euroclear Operator acts under the Terms and Conditions only on behalf of Euroclear participants and has no record of or relationship with persons holding through Euroclear participants.

Distributions on the notes held beneficially through Euroclear will be credited to the cash accounts of its participants in accordance with the Terms and Conditions, to the extent received by the U.S. depository for Euroclear.

Clearance and Settlement Procedures

Initial settlement for the notes will be made in immediately available funds. Secondary market trading between DTC participants will occur in the ordinary way in accordance with DTC rules and will be settled in immediately available funds. Secondary market trading between Clearstream customers and/or Euroclear participants will occur in the ordinary way in accordance with the applicable rules and operating procedures of Clearstream and Euroclear, as applicable, and will be settled using the procedures applicable to conventional eurobonds in immediately available funds.

Cross-market transfers between persons holding directly or indirectly through DTC, on the one hand, and directly or indirectly through Clearstream customers or Euroclear participants, on the other, will be effected through DTC in accordance with DTC rules on behalf of the relevant European international clearing system by its U.S. depository; however, such cross-market transactions will require delivery of instructions to the relevant European international clearing system by the counterparty in such system in accordance with its rules and procedures and within its established deadlines (European time). The relevant European international clearing system will, if the transaction meets its settlement requirements, deliver instructions to the U.S. depository to take action to effect final settlement on its behalf by delivering or receiving the notes in DTC, and making or receiving payment in accordance with normal procedures for same-day funds settlement applicable to DTC. Clearstream customers and Euroclear participants may not deliver instructions directly to their U.S. depositories.

Because of time-zone differences, credits of the notes received in Clearstream or Euroclear as a result of a transaction with a DTC participant will be made during subsequent securities settlement processing and dated the

Table of Contents

business day following the DTC settlement date. Such credits or any transactions in the notes settled during such processing will be reported to the relevant Clearstream customers or Euroclear participants on such business day. Cash received in Clearstream or Euroclear as a result of sales of the notes by or through a Clearstream customer or a Euroclear participant to a DTC participant will be received with value on the DTC settlement date but will be available in the relevant Clearstream or Euroclear cash account only as of the business day following settlement in DTC.

Although DTC, Clearstream and Euroclear have agreed to the foregoing procedures to facilitate transfers of the notes among participants of DTC, Clearstream and Euroclear, they are under no obligation to perform or continue to perform such procedures and such procedures may be changed or discontinued at any time.

Certificated Notes

Individual certificates in respect of the notes will not be issued in exchange for the global notes, except in very limited circumstances. We will issue or cause to be issued certificated notes to each person that DTC identifies as the beneficial owner of the notes represented by a global note upon surrender by DTC of the global note if:

DTC notifies us that it is no longer willing or able to act as a depository for such global note or ceases to be a clearing agency registered under the Securities Exchange Act of 1934, and we have not appointed a successor depository within 90 days of that notice or becoming aware that DTC is no longer so registered;

an event of default has occurred and is continuing, and DTC requests the issuance of certificated notes; or

we determine not to have the notes of such series represented by a global note.

Neither we nor the trustee will be liable for any delay by DTC, its nominee or any direct or indirect participant in identifying the beneficial owners of the notes. We and the trustee may conclusively rely on, and will be protected in relying on, instructions from DTC or its nominee for all purposes, including with respect to the registration and delivery, and the respective principal amounts, of the certificated notes to be issued.

Table of Contents

MATERIAL UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

The following discussion summarizes certain of the United States federal income tax consequences of the purchase, ownership and disposition of the notes. This summary:

is based on the Internal Revenue Code of 1986, as amended (the Code), United States Treasury regulations issued under the Code, judicial decisions and administrative pronouncements as of the date of this supplement, all of which are subject to different interpretation or to change. Any such change may be applied retroactively and may adversely affect the federal income tax consequences described in this prospectus supplement;

addresses only tax consequences to investors that purchase the notes upon their original issuance for cash at their initial offering price, and hold the notes as capital assets within the meaning of Section 1221 of the Code (that is, for investment purposes);

does not discuss all of the tax consequences that may be relevant to particular investors in light of their particular circumstances (such as the application of the alternative minimum tax);

does not discuss all of the tax consequences that may be relevant to investors that are subject to special treatment under the United States federal income tax laws (such as insurance companies, financial institutions, tax-exempt organizations, retirement plans, regulated investment companies, dealers in securities or currencies, holders whose functional currency for tax purposes is not the United States dollar, persons holding the notes as part of a hedge, straddle, constructive sale, conversion or other integrated transaction, former United States citizens or long-term residents subject to taxation as expatriates under Section 877 of the Code, or traders in securities that have elected to use a mark-to-market method of accounting for their securities holdings);

does not discuss the effect of other United States federal tax laws (such as estate and gift tax laws) except to the limited extent specifically indicated below, and does not discuss any state, local or foreign tax laws; and

does not discuss the tax consequences to a person holding notes through a partnership (or other entity or arrangement classified as a partnership for United States federal income tax purposes), except to the limited extent specifically indicated below.

We have not sought and will not seek a ruling from the Internal Revenue Service (the IRS) with respect to any matters discussed in this section, and we cannot assure you that the IRS will not take a different position concerning the tax consequences of the purchase, ownership or disposition of the notes, or that any such position would not be sustained.

If a partnership (or other entity or arrangement classified as a partnership for United States federal income tax purposes) holds the notes, the tax treatment of a partner in the partnership generally will depend on the status of the partner and the activities of the partnership. This supplement does not discuss rules applicable to partnerships. If you are a partnership or a partner in a partnership holding notes, you should consult your tax advisor regarding the tax consequences of the purchase, ownership or disposition of the notes.

Prospective investors should consult their own tax advisors with regard to the application of the tax consequences discussed below to their particular situation and the application of any other United States federal as well as state or local or foreign tax laws and tax treaties, including gift and estate tax laws.

Table of Contents

Certain United States Federal Income Tax Consequences To U.S. Holders

The following is a summary of certain United States federal income tax consequences of the purchase, ownership and disposition of the notes by a holder that is a U.S. Holder. For purposes of this summary, U.S. Holder means a beneficial owner of a note or notes that is for United States federal income tax purposes:

an individual who is a citizen or resident of the United States, including an alien individual who is a lawful permanent resident of the United States, who meets the substantial presence test under Section 7701(b) of the Code, or who makes an election to be treated as a resident under certain circumstances;

a corporation (or other entity taxable as a corporation for United States federal income tax purposes) created or organized in or under the laws of the United States (or any state thereof or the District of Columbia);

an estate whose net income is subject to United States federal income taxation regardless of its source; or

a trust if (i) a court within the United States is able to exercise primary supervision over its administration and one or more United States persons (within the meaning of the Code) have the authority to control all of its substantial decisions, or (ii) such trust was in existence on August 20, 1996 and has a valid election in effect under applicable United States Treasury regulations to be treated as a United States person.

Under the substantial presence test referred to above, an individual may, subject to certain exceptions, be deemed to be a resident of the United States by reason of being present in the United States for at least 31 days in the calendar year and for an aggregate of at least 183 days during a three-year period ending in the current calendar year (counting for such purposes all of the days present in the current year, one-third of the days present in the immediately preceding year and one-sixth of the days present in the second preceding year).

Treatment of Interest

Stated interest on the notes will be taxable to a U.S. Holder as ordinary income as the interest is paid or accrues in accordance with the U.S. Holder's method of tax accounting.

Treatment of Dispositions of Notes

Upon the sale, exchange, retirement or other taxable disposition (collectively, a disposition) of a note, a U.S. Holder generally will recognize gain or loss equal to the difference between the amount received on such disposition (other than amounts received in respect of accrued and unpaid interest, which will generally be taxable to that U.S. Holder as ordinary interest income at that time if not previously included in the U.S. Holder's income) and the U.S. Holder's adjusted tax basis in the note. A U.S. Holder's adjusted tax basis in a note will be, in general, the cost of the note to the U.S. Holder. Gain or loss realized on the sale, exchange or retirement of a note generally will be capital gain or loss, and will be long-term capital gain or loss if, at the time of such sale, exchange or retirement, the note has been held for more than one year. Otherwise, such gain or loss generally will be short-term capital gain or loss. Net long-term capital gain recognized by a non-corporate U.S. Holder generally is eligible for reduced rates of United States federal income taxation. The deductibility of capital losses is subject to limitations.

If a U.S. Holder disposes of a note between interest payment dates, a portion of the amount received by the U.S. Holder will reflect interest that has accrued on the note but has not been paid as of the disposition date. That portion is treated as ordinary interest income and not as sale proceeds.

Table of Contents

Certain United States Federal Tax Consequences to Non-U.S. Holders

The following is a summary of the United States federal income and estate tax consequences of the purchase, ownership and disposition of the notes by a holder that is a Non-U.S. Holder. For purposes of this summary, Non-U.S. Holder means a beneficial owner of a note or notes, other than a partnership (or an entity or arrangement classified as a partnership for United States federal income tax purposes), who is not a U.S. Holder.

Special rules may apply to Non-U.S. Holders that are subject to special treatment under the Code, including controlled foreign corporations and passive foreign investment companies. Such Non-U.S. Holders should consult their own tax advisors to determine the United States federal, state, local and other tax consequences that may be relevant to them.

Treatment of Interest

Subject to the discussion below concerning backup withholding, a Non-U.S. Holder will not be subject to United States federal income or withholding tax in respect of interest income on the notes if the interest income qualifies for the portfolio interest exception. Interest income will qualify for the portfolio interest exception if each of the following requirements is satisfied:

the interest is not effectively connected with the conduct of a trade or business in the United States;

the Non-U.S. Holder appropriately certifies its status as a non-United States person (as described below);

the Non-U.S. Holder does not actually or constructively own 10% or more of the total combined voting power of our stock entitled to vote;

the Non-U.S. Holder is not a controlled foreign corporation that is actually or constructively related to us through stock ownership; and

the Non-U.S. Holder is not a bank which acquired the notes in consideration for an extension of credit made pursuant to a loan agreement entered into in the ordinary course of business.

The certification requirement referred to above generally will be satisfied if the Non-U.S. Holder provides us or our paying agent with a statement on IRS Form W-8BEN (or suitable substitute or successor form), together with all appropriate attachments, signed under penalties of perjury, identifying the Non-U.S. Holder and stating, among other things, that the Non-U.S. Holder is not a United States person (within the meaning of the Code). If the Non-U.S. Holder holds its notes through a financial institution or other agent acting on the holder's behalf, the Non-U.S. Holder will be required to provide appropriate documentation to that agent, and that agent will then be required to provide appropriate documentation to us or our paying agent (either directly or through other intermediaries). For payments made to foreign partnerships and certain other pass-through entities, the certification requirement will generally apply to the partners or other interest holders rather than the partnership or other pass-through entity. We may be required to report annually to the IRS and to each Non-U.S. Holder the amount of interest paid to, and the tax withheld, if any, with respect to each Non-U.S. Holder. Prospective Non-U.S. Holders should consult their tax advisors regarding this certification requirement, and alternative methods for satisfying the certification requirement.

If the requirements of the portfolio interest exception are not satisfied with respect to a Non-U.S. Holder, payments of interest to that Non-U.S. Holder will be subject to a 30% United States withholding tax, unless another exemption or a reduced withholding rate applies. For example, an applicable income tax treaty may reduce or eliminate such tax, in which event a Non-U.S. Holder claiming the benefit of such treaty must provide the withholding agent with a properly executed IRS Form W-8BEN (or suitable substitute or successor form) claiming the benefit of the applicable tax treaty. Alternatively, an exemption applies to the 30% United States withholding tax if the interest is effectively connected with the Non-U.S. Holder's conduct of a trade or

Table of Contents

business in the United States and the Non-U.S. Holder provides an appropriate statement to that effect on a properly executed IRS Form W-8ECI (or suitable substitute or successor form). In the latter case, such Non-U.S. Holder generally will be subject to United States federal income tax with respect to all income from the notes in the same manner as U.S. Holders, as described above, unless an applicable income tax treaty provides otherwise. In addition, such a Non-U.S. Holder that is a corporation may be subject to a branch profits tax with respect to any such United States trade or business income at a rate of 30% (or at a reduced rate under an applicable income tax treaty).

Treatment of Dispositions of Notes

Subject to the discussion below concerning backup withholding, a Non-U.S. Holder generally will not be subject to United States federal income tax or withholding tax on gain realized upon the disposition of a note unless:

the Non-U.S. Holder is an individual present in the United States for 183 days or more in the taxable year of the disposition and certain other conditions are met; or

the gain is effectively connected with the Non-U.S. Holder's conduct of a trade or business in the United States (or, if certain tax treaties apply, is attributable to a permanent establishment maintained by the Non-U.S. Holder within the United States).

If the first exception applies, the Non-U.S. Holder generally will be subject to United States federal income tax at a rate of 30% (or at a reduced rate under an applicable income tax treaty) on the amount by which capital gains allocable to United States sources (including gains from the sale, exchange, retirement or other disposition of the notes) exceed capital losses allocable to United States sources. If the second exception applies, the Non-U.S. Holder generally will be subject to United States federal income tax with respect to such gain in the same manner as U.S. Holders, as described above, unless an applicable income tax treaty provides otherwise. Additionally, Non-U.S. Holders that are corporations could be subject to a branch profits tax with respect to such gain at a rate of 30% (or at a reduced rate under an applicable income tax treaty).

Treatment of Notes for United States Federal Estate Tax Purposes

A note held, or beneficially held, by an individual who is neither a citizen nor a resident of the United States at the time of his or her death will not be includable in the individual's gross estate for United States federal estate tax purposes, provided that (i) the Non-U.S. Holder does not at the time of death actually or constructively own 10% or more of the combined voting power of all classes of our stock entitled to vote and (ii) at the time of death, payments with respect to such note would not have been effectively connected with the conduct by such holder of a trade or business in the United States. In addition, under the terms of an applicable estate tax treaty, United States federal estate tax may not apply with respect to a note.

United States Information Reporting Requirements and Backup Withholding Tax

U.S. Holders

We, or if a U.S. Holder holds notes through a broker or other securities intermediary, the intermediary, may be required to file information returns with respect to payments made to the U.S. Holder of interest, and, in some cases, disposition proceeds on the notes.

In addition, U.S. Holders may be subject to backup withholding at a current rate of 28% on those payments if they do not provide their taxpayer identification numbers in the manner required, fail to certify that they are not subject to backup withholding, fail to properly report in full their dividend and interest income, or otherwise fail to comply with the applicable requirements of backup withholding rules. Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules will be allowed as a credit against the U.S. Holder's United States federal income tax liability (or refund) provided the required information is timely furnished to the IRS. Prospective U.S. Holders should consult their tax advisors concerning the application of information reporting and backup withholding rules.

Table of Contents

Non-U.S. Holders

United States federal income tax rules concerning information reporting and backup withholding applicable to Non-U.S. Holders are as follows:

interest payments received by a Non-U.S. Holder will be automatically exempt from the usual backup withholding rules if such payments are subject to the 30% withholding tax on interest or if they are exempt from that tax by application of a tax treaty or the portfolio interest exception, where the non-U.S. Holder satisfies the certification requirements described under Certain United States Federal Tax Consequences to Non-U.S. Holders Treatment of Interest above. The exemption does not apply if the withholding agent or an intermediary knows or has reason to know that the Non-U.S. Holder should be subject to the usual information reporting or backup withholding rules. In addition, information reporting may still apply to payments of interest (on Form 1042-S) even if certification is provided and the interest is exempt from the 30% withholding tax; and

sale proceeds received by a Non-U.S. Holder on a sale of notes through a broker may be subject to information reporting and/or backup withholding if the Non-U.S. Holder is not eligible for an exemption or does not provide the certification described under Certain United States Federal Tax Consequences to Non-U.S. Holders Treatment of Interest above. In particular, information reporting and backup withholding may apply if the Non-U.S. Holder uses the United States office of a broker, and information reporting (but generally not backup withholding) may apply if a Non-U.S. Holder uses the foreign office of a broker that has certain connections to the United States.

Prospective Non-U.S. Holders should consult their tax advisors concerning the application of information reporting and backup withholding rules.

THE UNITED STATES FEDERAL TAX DISCUSSION SET FORTH ABOVE IS INCLUDED FOR GENERAL INFORMATION ONLY, IS NOT TAX ADVICE AND MAY NOT BE APPLICABLE DEPENDING UPON A HOLDER'S PARTICULAR SITUATION. HOLDERS SHOULD CONSULT THEIR TAX ADVISORS REGARDING THE TAX CONSEQUENCES TO THEM OF THE PURCHASE, OWNERSHIP AND DISPOSITION OF THE NOTES, INCLUDING THE TAX CONSEQUENCES UNDER UNITED STATES FEDERAL, STATE, LOCAL, FOREIGN AND OTHER TAX LAWS (AND ANY PROPOSED CHANGES IN APPLICABLE LAW).

Table of Contents

UNDERWRITING

Merrill Lynch, Pierce, Fenner & Smith Incorporated, HSBC Securities (USA) Inc. and Greenwich Capital Markets, Inc. are acting as joint book-running managers of the offering and as representatives of the underwriters named below.

Subject to the terms and conditions stated in the underwriting agreement dated the date of this prospectus supplement, each underwriter named below has agreed to purchase, and we have agreed to sell to that underwriter, the principal amount of notes set forth opposite the underwriter's name.

	Principal Amount of Notes
Merrill Lynch, Pierce, Fenner & Smith Incorporated	\$
HSBC Securities (USA) Inc.	
Greenwich Capital Markets, Inc.	
Total	\$

The underwriting agreement provides that the obligations of the underwriters to purchase the notes included in this offering are subject to approval of legal matters by counsel and to other conditions. The underwriters are obligated to purchase all the notes if they purchase any of the notes.

The underwriters propose to offer some of the notes directly to the public at the public offering price set forth on the cover page of this prospectus supplement and some of the notes to dealers at the public offering price less a concession not to exceed % of the principal amount of the notes. The underwriters may allow, and dealers may reallow a concession not to exceed % of the principal amount of the notes on sales to other dealers. After the initial offering of the notes to the public, the representatives may change the public offering price and concessions.

The following table shows the underwriting discounts and commissions that we are to pay to the underwriters in connection with this offering (expressed as a percentage of the principal amount of the notes).

	Paid by Dow
Per note	%

The notes are a new issue of securities with no established trading market. Dow has been advised by the underwriters that the underwriters intend to make a market in the notes but are not obligated to do so and may discontinue market making at any time without notice. No assurance can be given as to the liquidity of the trading market for the notes.

In connection with the offering, Merrill Lynch, Pierce, Fenner & Smith Incorporated, on behalf of the underwriters, may purchase and sell notes in the open market. These transactions may include over-allotment, syndicate covering transactions and stabilizing transactions. Over-allotment involves syndicate sales of notes in excess of the principal amount of notes to be purchased by the underwriters in the offering, which creates a syndicate short position. Syndicate covering transactions involve purchases of the notes in the open market after the distribution has been completed in order to cover syndicate short positions. Stabilizing transactions consist of certain bids or purchases of notes made for the purpose of preventing or retarding a decline in the market price of the notes while the offering is in progress.

The underwriters also may impose a penalty bid. Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when Merrill Lynch, Pierce, Fenner & Smith Incorporated, in covering syndicate short positions or making stabilizing purchases, repurchases notes originally sold by that syndicate member.

Table of Contents

Any of these activities may have the effect of preventing or retarding a decline in the market price of the notes. They may also cause the price of the notes to be higher than the price that otherwise would exist in the open market in the absence of these transactions. The underwriters may conduct these transactions in the over-the-counter market or otherwise. If the underwriters commence any of these transactions, they may discontinue them at any time.

We estimate that our total expenses for this offering will be \$.

The underwriters have performed investment banking and advisory services for us from time to time for which they have received customary fees and expenses. The underwriters may, from time to time, engage in transactions with and perform services for us in the ordinary course of their business.

We have agreed to indemnify the underwriters against certain liabilities, including liabilities under the Securities Act of 1933, or to contribute to payments the underwriters may be required to make because of any of those liabilities.

Selling Restrictions

Each of the underwriters, severally and not jointly, has represented and agreed that it has not and will not offer, sell, or deliver any of the notes, directly or indirectly, or distribute this prospectus supplement or the attached prospectus or any other offering material relating to the notes, in any jurisdiction except under circumstances that will result in compliance with applicable laws and regulations and that will not impose any obligations on us except as set forth in the underwriting agreement.

European Economic Area

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a Relevant Member State), each underwriter has represented and agreed that with effect from and including the date on which the Prospectus Directive is implemented in that Relevant Member State (the Relevant Implementation Date), it has not made and will not make an offer of notes to the public in that Relevant Member State prior to the publication of a prospectus in relation to the notes which has been approved by the competent authority in that Relevant Member State or, where appropriate, approved in another Relevant Member State and notified to the competent authority in that Relevant Member State, all in accordance with the Prospectus Directive, except that it may, with effect from and including the Relevant Implementation Date, make an offer of notes to the public in that Relevant Member State at any time:

- (a) to legal entities which are authorised or regulated to operate in the financial markets or, if not so authorised or regulated, whose corporate purpose is solely to invest in securities;
- (b) to any legal entity which has two or more of (1) an average of at least 250 employees during the last financial year; (2) a total balance sheet of more than 43,000,000; and (3) an annual net turnover of more than 50,000,000, as shown in its last annual or consolidated accounts; or

(c) in any other circumstances which do not require us to publish a prospectus pursuant to Article 3 of the Prospectus Directive. For purposes of this provision, the expression an offer of notes to the public in relation to any notes in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the notes to be offered so as to enable you to decide to purchase or subscribe for the notes, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State, and the expression Prospectus Directive means Directive 2003/71/EC and includes any relevant implementing measure in each Relevant Member State.

Table of Contents

United Kingdom

Each underwriter has represented and agreed that:

- (a) it has only communicated or caused to be communicated and will only communicate or cause to be communicated an invitation or inducement to engage in investment activity (within the meaning of section 21 (financial promotion) of the Financial Service and Markets Act 2000 (the FSMA)) received by it in connection with the issue or sale of the notes in circumstances in which section 21(1) of the FSMA does not apply to us; and
- (b) it has complied and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the notes in, from, or otherwise involving the United Kingdom.

LEGAL MATTERS

The validity of the notes will be passed upon for us by Kenneth D. Isley, our Assistant General Counsel Corporate and Financial Law. Certain legal matters relating to the offering will be passed upon for the underwriters by Mayer Brown LLP, Chicago, Illinois. Mayer Brown LLP has from time to time acted as counsel for us and our subsidiaries and may do so in the future.

S-28

Table of Contents

PROSPECTUS

The Dow Chemical Company

Common Stock

Preferred Stock

Depositary Shares

Debt Securities

Warrants to Purchase Common Stock, Preferred Stock and Debt Securities

Stock Purchase Contracts

Stock Purchase Units

The Dow Chemical Company will provide the specific terms of these securities in supplements to this prospectus. You should read this prospectus and the applicable prospectus supplement carefully before you invest in any of these securities.

Dow's common stock is traded on the New York Stock Exchange under the symbol DOW.

We may offer and sell these securities to or through one or more agents, underwriters, dealers or other third parties or directly to one or more purchasers, on a continuous or delayed basis.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

February 23, 2007

Table of Contents

TABLE OF CONTENTS

	Page
<u>About This Prospectus</u>	3
<u>The Dow Chemical Company</u>	3
<u>Use of Proceeds</u>	3
<u>Ratios of Earnings to Fixed Charges</u>	3
<u>Description of Capital Stock</u>	4
<u>Description of Depositary Shares</u>	11
<u>Description of Debt Securities</u>	14
<u>Description of Warrants</u>	24
<u>Description Of Stock Purchase Contracts and Stock Purchase Units</u>	26
<u>Plan Of Distribution</u>	27
<u>Validity Of Securities</u>	28
<u>Experts</u>	28
<u>Where You Can Find More Information</u>	28

You should rely only on the information contained or incorporated by reference in this prospectus or any supplement. Dow has not authorized anyone else to provide you with different information. Dow is offering these securities only in states where the offer is permitted. You should not assume that the information in this prospectus or any supplement is accurate as of any date other than the date on the front of those documents. Dow's business, financial condition, results of operations and prospects may have changed since that date.

In this prospectus, references to Dow, we, us or our are to The Dow Chemical Company and does not include its subsidiaries, except under the caption The Dow Chemical Company.

Table of Contents**ABOUT THIS PROSPECTUS**

This prospectus is part of a registration statement filed by Dow with the Securities and Exchange Commission, or the SEC, using a shelf registration process. Under this shelf process, we are registering an unspecified amount of each class of the securities described in this prospectus, and we may sell any combination of the securities described in this prospectus in one or more offerings. In addition, selling security holders may sell securities under our shelf registration statement. This prospectus provides you with a general description of the securities we or any selling security holders may offer. Each time we or any selling security holders sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and any applicable prospectus supplement, you should rely on the information in the applicable prospectus supplement. You should read both this prospectus and any applicable prospectus supplement, together with additional information described under the heading **Where You Can Find More Information**.

The registration statement containing this prospectus, including the exhibits to the registration statement, provides additional information about us and the securities to be offered. The registration statement, including the exhibits, can be read at the SEC web site or at the SEC offices mentioned under the heading **Where You Can Find More Information**.

THE DOW CHEMICAL COMPANY

Dow is a diversified chemical company that offers a broad range of innovative chemical, plastic and agricultural products and services to customers in more than 175 countries, helping them to provide everything from fresh water, food and pharmaceuticals to paints, packaging and personal care. In 2006, Dow had annual sales of \$49 billion and employed approximately 42,600 people worldwide. Dow has 150 manufacturing sites in 37 countries and supplies more than 3,100 products. Dow's corporate offices are located at 2030 Dow Center, Midland, Michigan 48674, and Dow's telephone number is (989) 636-1000.

Additional information concerning Dow and its subsidiaries is included in the documents filed with the SEC and incorporated in this prospectus by reference. See the discussion under the heading **Where You Can Find More Information**.

USE OF PROCEEDS

Dow expects to use the net proceeds from sales of any securities described in this prospectus for its general corporate purposes, which may include funding capital expenditures, pursuing growth initiatives, whether through acquisitions, joint ventures or otherwise, repaying or refinancing indebtedness or other obligations, and financing working capital. Pending the application of the net proceeds, Dow expects to invest the net proceeds in marketable securities or reduce its short-term indebtedness.

RATIOS OF EARNINGS TO FIXED CHARGES

	Year Ended December 31,				
	2006	2005	2004	2003	2002
Ratio of earnings to fixed charges	6.1x	7.2x	4.3x	2.5x	(1)
Ratio of earnings to combined fixed charges and preferred share dividends	6.1x	7.2x	4.3x	2.5x	(1)

- (1) As a result of a pretax charge of \$828 million related to Union Carbide Corporation's potential asbestos-related liability and pretax merger-related expenses and restructuring charges of \$280 million, earnings for the year ended December 31, 2002 were inadequate to cover fixed charges, with a deficiency of \$615 million.

Table of Contents

For the purpose of these ratios, earnings consist of income before (i) income taxes, (ii) minority interests, (iii) extraordinary items, (iv) cumulative effect of changes in accounting principles, (v) amortization of capitalized interest and (vi) fixed charges (adjusted to exclude capitalized interest) and after adjustment for unremitted earnings of 20% to 50% owned companies. Fixed charges consist of interest on all indebtedness, amortization of capitalized debt costs, discount or premium and a portion of rentals deemed to represent an interest factor.

Because Dow did not have any preferred shares outstanding and therefor paid no preferred share dividends during any of the periods presented, the ratio of earnings to combined fixed charges and preferred share dividends is identical to the ratio of earnings to fixed charges for each of the periods presented.

DESCRIPTION OF CAPITAL STOCK

The following summary of common stock and preferred stock of Dow does not purport to be complete and is subject to, and qualified in its entirety by reference to, the relevant provisions of Delaware law, and by Dow's certificate of incorporation and bylaws, which are incorporated by reference as exhibits to the registration statement of which this prospectus is a part.

Dow is authorized to issue 1,750,000,000 shares of all classes of stock, 1,500,000,000 of which are shares of common stock, par value \$2.50 per share, and 250,000,000 of which are shares of preferred stock. As of January 31, 2007, there were 959,167,793 shares of common stock issued and outstanding and no shares of preferred stock issued or outstanding. All issued and outstanding shares of common stock are fully paid and non-assessable. Any additional shares of common stock and preferred stock that Dow issues pursuant to this prospectus will be fully paid and non-assessable. Neither Dow's common stockholders nor preferred stockholders have preemptive rights.

Common Stock

General

Dow's certificate of incorporation provides that, subject to all of the rights of holders of preferred stock provided for by the board of directors or by Delaware corporate law, the holders of common stock will have full voting rights on all matters requiring stockholder action, with each share of common stock being entitled to one vote and having equal rights of participation in the dividends and assets of Dow.

Board of Directors

Dow's certificate of incorporation provides that all of Dow's directors are elected each year at Dow's annual meeting for a term of one year and until his or her successor is duly elected and qualified. A quorum of directors consists of a majority of Dow's entire board of directors then holding office.

Number, Filling of Vacancies and Removal of Directors

Dow's certificate of incorporation and bylaws provide that its board of directors may not have less than six or more than twenty-one members. The actual number of directors is determined by a vote of a majority of Dow's entire board of directors. Currently, Dow has twelve members on its board of directors. Vacancies on Dow's board of directors and any newly created directorships are filled by a vote of the majority of the other directors then in office. Directors elected to fill a vacancy or a new position hold office until the next annual meeting of stockholders. Directors can be removed only for cause and only by the vote of stockholders holding 80% of the voting power of Dow's outstanding stock entitled to vote generally in the election of directors, voting together as a single class.

Table of Contents

Dividends

Delaware corporate law generally provides that a corporation, subject to restrictions in its certificate of incorporation, including preferred stockholders' rights to receive dividends prior to common stockholders, may declare and pay dividends out of:

surplus; or

net profits for the fiscal year in which the dividend is declared and/or the preceding fiscal year, if there is no surplus. Dividends may not be paid out of net profits if the capital of the corporation is less than the aggregate amount of capital represented by the issued and outstanding stock of all classes having a preference on the distribution of assets. Dividends on Dow common stock are not cumulative. Dow's certificate of incorporation does not contain any additional restrictions on the declaration or payment of dividends.

Preferred Stock

Dow's board of directors is authorized, subject to Delaware corporate law and without a vote of its stockholders, to issue shares of preferred stock from time to time in one or more series and to determine the voting rights, designations, preferences and relative, participating, optional or other special rights and qualifications, limitations and restrictions of any series of preferred stock. The prospectus supplement relating to an offering of shares of Dow's preferred stock will describe the terms of the series of preferred stock Dow is offering.

The rights of holders of the common stock and/or the preferred stock offered may be adversely affected by the rights of holders of any shares of preferred stock that may be issued in the future. Shares of preferred stock issued by Dow may have the effect of rendering more difficult or discouraging an acquisition of Dow deemed undesirable by the board of directors of Dow.

Any shares of preferred stock will be, when issued, fully paid and non-assessable. Holders of preferred stock will not have any preemptive or subscription rights to acquire more stock of Dow.

The transfer agent, registrar, dividend disbursing agent and redemption agent for shares of each series of preferred stock will be named in the prospectus supplement relating to such series.

Rank

Unless otherwise specified in connection with a particular offering of preferred stock, such shares will rank on an equal basis with each other series of preferred stock and prior to the common stock as to dividends and distributions of assets.

Dividends

Holders of each series of preferred stock will be entitled to receive cash dividends when, as and if declared by Dow's board of directors out of funds legally available for dividends. The rates and dates of payment of dividends will be set forth in the prospectus supplement relating to each series of preferred stock. Dividends will be payable to holders of record of preferred stock as they appear on Dow's books or, if applicable, the records of the depository referred to below under "Description of Depositary Shares," on the record dates fixed by Dow's board of directors. Dividends on a series of preferred stock may be cumulative or non-cumulative.

Table of Contents

Dow may not declare, pay or set apart for payment dividends on the preferred stock unless full dividends on other series of preferred stock that rank on an equal or senior basis have been paid or sufficient funds have been set apart for payment for:

all prior dividend periods of other series of preferred stock that pay dividends on a cumulative basis; or

the immediately preceding dividend period of other series of preferred stock that pay dividends on a non-cumulative basis.

Partial dividends declared on shares of preferred stock and each other series of preferred stock ranking on an equal basis as to dividends will be declared pro rata. A pro rata declaration means that the ratio of dividends declared per share to accrued dividends per share will be the same for each series of preferred stock.

Similarly, Dow may not declare, pay or set apart for payment non-stock dividends or make other payments on the common stock or any other stock of Dow ranking junior to the preferred stock until full dividends on the preferred stock have been paid or set apart for payment for:

all prior dividend periods if the preferred stock pays dividends on a cumulative basis; or

the immediately preceding dividend period if the preferred stock pays dividends on a non-cumulative basis.

Conversion and Exchange

The prospectus supplement for a series of preferred stock will state the terms, if any, on which shares of that series are convertible into or exchangeable for shares of Dow's common stock.

Redemption

If so specified in the applicable prospectus supplement, a series of preferred stock may be redeemable at any time, in whole or in part, at Dow's option or the holder thereof and may be mandatorily redeemed.

Any partial redemptions of preferred stock will be made in a way that Dow's board of directors decides is equitable.

Unless Dow defaults in the payment of the redemption price, dividends will cease to accrue after the redemption date on shares of preferred stock called for redemption, and all rights of holders of such shares will terminate except for the right to receive the redemption price.

Liquidation Preference

Upon any voluntary or involuntary liquidation, dissolution or winding up of Dow, holders of each series of preferred stock will be entitled to receive distributions upon liquidation in the amount set forth in the prospectus supplement relating to such series of preferred stock, plus an amount equal to any accrued and unpaid dividends. Such distributions will be made before any distribution is made on any securities ranking junior relating to liquidation, including common stock.

If the liquidation amounts payable relating to the preferred stock of any series and any other securities ranking on a parity regarding liquidation rights are not paid in full, the holders of the preferred stock of such series and such other securities will share in any such distribution of available assets of Dow on a ratable basis in proportion to the full liquidation preferences. Holders of such series of preferred stock will not be entitled to any other amounts from Dow after they have received their full liquidation preference.

Table of Contents

Voting Rights

The holders of shares of preferred stock will have no voting rights except:

as otherwise stated in the prospectus supplement;

as otherwise stated in the certificate of designation establishing such series; and

as required by applicable law.

Selected Provisions in Dow's Certificate of Incorporation and Bylaws

Dow's certificate of incorporation and bylaws contain a number of provisions that could have the effect of prohibiting or delaying a third party's ability to take control of Dow.

Special Meetings of Stockholders

Dow's bylaws provide that a special stockholders' meeting for any purpose may be called only by the board of directors by a resolution adopted by a majority of the entire board:

upon motion of a director; or

upon written request of stockholders holding at least 50% of the voting power of the shares of capital stock outstanding and entitled to vote generally in the election of directors.

Stockholder notices requesting a special meeting must be given to Dow's Secretary. The notice must include, as to each matter the stockholder proposes to bring before the meeting:

the name and address of the stockholder;

the class or series and number of shares of capital stock that are beneficially owned by the stockholder;

a brief description of the business to be brought before the meeting, including the text of any proposed amendment to the certificate of incorporation or bylaws;

a description of all arrangements or understandings between the stockholder and any other persons related to the business proposal;

any material business interests of the stockholder in the business proposal; and

a representation that the stockholder intends to appear in person or by proxy at the meeting to bring the business before the meeting.

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

Advance Notice Provisions for Stockholder Proposals Other than Election of Directors

Dow's bylaws provide that a stockholder may bring business before an annual stockholders' meeting if the stockholder is a stockholder on the record date of giving notice and on the record date of the meeting and gives notice to Dow's Secretary of business that is proper to be brought at the meeting under Delaware corporate law:

no earlier than 120 days or later than 60 days before the anniversary date of the first mailing of proxy materials for the last annual meeting; or

if the annual meeting is more than 30 days before or after the anniversary date of the last annual meeting, Dow must receive the stockholder's notice no later than the close of business on the 10th day after the earlier of the date on which notice of the annual meeting date was mailed or publicly disclosed.

The notice must include the same information required to be included in a stockholder's notice in connection with requesting a special meeting. See Special Meetings of Stockholders.

Table of Contents

Advance Notice Provisions for Stockholder Nominations of Directors at an Annual Meeting

Dow's bylaws provide that a stockholder may nominate a person for election to the board of directors at an annual stockholders' meeting if the stockholder gives notice to Dow's Secretary:

no more than 120 days and no less than 60 days before the anniversary date of the first mailing of proxy materials for the last annual meeting; or

if the annual meeting is more than 30 days before or after the anniversary date of the last annual meeting, Dow must receive the stockholder's notice no later than the close of business on the 10th day after the earlier of the day on which notice of the annual meeting date was mailed or publicly disclosed.

The notice must include the following:

a description of all arrangements or understandings between the stockholder and the nominee and any other person pursuant to which the nomination is made;

the information regarding the nominee that would have been required to be included in a proxy statement filed under the proxy rules of the SEC if the nominee had been nominated by the board of directors;

the consent of the nominee to serve as a director if he or she is elected; and

the information required to be included in a stockholder's notice in connection with requesting a special meeting. See the section of this prospectus captioned *Special Meetings of Stockholders*.

Advance Notice Provisions for Stockholder Nominations of Directors at a Special Meeting

Dow's bylaws provide that a stockholder may nominate a person for election to the board of directors at a special meeting of stockholders if the stockholder gives Dow's Secretary notice of the nomination no later than the close of business on the seventh day after notice of the special meeting is first given to stockholders.

In addition to the information required to be included in a stockholder's notice in connection with a special meeting, the notice must include the same information that would be required to nominate a person for election as a director at an annual meeting. See *Advance Notice Provisions for Stockholder Nominations of Directors at an Annual Meeting*.

Stockholder Action by Written Consent

Under Delaware corporate law, unless otherwise provided in a corporation's certificate of incorporation, any action required or permitted to be taken at an annual or special stockholders' meeting may be taken by written consent, without a meeting, prior notice or a vote. The written consent must be signed by holders of outstanding stock having the minimum number of votes necessary to authorize or take such action at a meeting at which all shares entitled to vote on the matter were present and voted. Dow's certificate of incorporation, however, provides that any action required or permitted to be taken by the stockholders must be taken at a duly called annual or special stockholders' meeting and may not be taken by written consent.

Transactions with Interested Stockholders and a Merger or Sale of Assets

Delaware corporate law requires the approval of the board of directors and a majority of a corporation's outstanding stock entitled to vote to authorize a merger or consolidation unless the company's certificate of incorporation requires a greater percentage. Unless required by a

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

corporation's certificate of incorporation, stockholder approval, however, is not required in certain cases, such as where either:

no shares of common stock of the surviving corporation and no shares, securities or obligations convertible into common stock are to be issued or delivered in the merger; or

Table of Contents

the authorized and unissued shares or the treasury shares of common stock of the surviving corporation to be issued or delivered in the merger, plus those initially issuable upon conversion of any other shares, securities or obligations to be issued or delivered in the merger, do not exceed 20% of the shares of common stock of the corporation outstanding immediately prior to the effective date of the merger.

A sale of all or substantially all of a Delaware corporation's assets or a voluntary dissolution of a Delaware corporation requires the vote of a majority of the board of directors and a majority of the corporation's outstanding shares entitled to vote on the matter unless the company's certificate of incorporation requires a greater percentage. Dow's certificate of incorporation does not require a greater percentage, except as described below.

Delaware corporate law generally defines an interested stockholder as a person, other than the corporation and any direct or indirect majority owned subsidiary of the corporation:

who is the direct or indirect owner of 15% or more of the outstanding voting stock of the corporation; or

is an affiliate or associate of the corporation and was the direct or indirect owner of 15% or more of the outstanding voting stock of the corporation at any time within the three-year period immediately prior to the date it asked for determination of its status as an interested stockholder; and

the affiliates and associates of that person.

Delaware corporate law prohibits an interested stockholder from engaging in a business combination with the corporation for three years following the time of becoming an interested stockholder. This three-year waiting period does not apply when:

prior to the time of becoming an interested stockholder, the board of directors approves either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;

as a result of becoming an interested stockholder, the stockholder owned, excluding shares owned by directors who are also officers and employee stock plans in which participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer, at least 85% of the outstanding voting stock of the corporation at the time the transaction began; or

at or after the time of becoming an interested stockholder, the business combination is approved by the board of directors and authorized at a meeting of stockholders by a vote of at least two-thirds of the outstanding voting stock that is not owned by the interested stockholder.

These restrictions also do not apply in other circumstances, which are set forth in Section 203 of the Delaware General Corporation Law, including business combinations with an interested stockholder that are proposed after a public announcement of and prior to the consummation or abandonment of:

certain mergers or consolidations specified in Section 203 of the Delaware General Corporation Law;

sales of 50% or more of the aggregate market value of a corporation's assets or outstanding voting stock; or

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

tender offers or exchange offers for 50% or more of a corporation's voting stock.

Delaware corporate law allows a corporation to specify in its certificate of incorporation or bylaws that it will not be governed by the section relating to transactions with interested stockholders. Dow has not made that election in its certificate of incorporation or bylaws.

Table of Contents

Dow's certificate of incorporation provides that, in addition to the vote required pursuant to Delaware corporate law, the vote of stockholders owning at least 80% of the voting power of the shares of capital stock entitled to vote generally in the election of directors, voting together as a single class, is required to approve any of the following business combination transactions:

a merger or consolidation of Dow or a subsidiary of which Dow ultimately owns 50% or more of the capital stock with:

an interested stockholder; or

any other individual or entity that, after the merger or consolidation, would be an affiliate or associate of an interested stockholder;

a sale, lease, exchange, mortgage, pledge, transfer or other disposition, in one or more transactions with or on behalf of an interested stockholder or an affiliate or associate of an interested stockholder, of any assets of Dow or any subsidiary of Dow constituting 5% or more of Dow's total consolidated assets as of the end of the most recent quarter;

the issuance or transfer by Dow or any of its subsidiaries of any securities of Dow or its subsidiaries in one or more transactions to, or proposed by or on behalf of, an interested stockholder or an affiliate or associate of an interested stockholder in exchange for cash, securities or other property constituting not less than 5% of Dow's consolidated total assets as of the end of the most recent quarter;

the adoption of a plan or proposal for liquidation or dissolution of Dow or any spin-off or split-up of any kind of Dow or any subsidiary of Dow that is proposed by or on behalf of an interested stockholder or an affiliate or associate of an interested stockholder; or

any reclassification of securities or recapitalization of Dow, or any merger or consolidation of Dow with a subsidiary of Dow or other transaction that has the direct or indirect effect of increasing the percentage of the outstanding shares of:

any class of equity securities of Dow or any subsidiary of Dow; or

any class of securities of Dow or any subsidiary convertible into equity securities of Dow or any subsidiary that are owned directly or indirectly by an interested stockholder and all of its affiliates and associates.

However, the vote of only a majority of the stockholders entitled to vote generally in the election of directors, voting together as a single class, is required to approve a business combination transaction that:

has been approved by a majority of continuing directors, even if they constitute less than a quorum; or

meets price and consideration conditions and procedures that are set forth in Dow's certificate of incorporation.

A continuing director is:

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

any member of the board of directors who is not an interested stockholder involved in a business combination described above or an affiliate, associate, employee, agent or nominee of an interested stockholder or relative of any of the foregoing persons, and was a member of the board before the interested stockholder became an interested stockholder; or

a successor of a director described above who is recommended or elected to succeed a director described above by the vote of a majority of the directors then on the board.

Table of Contents

Dow's certificate of incorporation defines an interested stockholder as any person or entity other than Dow, any subsidiary of Dow, any employee benefit plan of Dow or a subsidiary of Dow or any trustee or fiduciary with respect to any employee benefit plan when acting in a fiduciary capacity, that:

is, or was at any time within the two-year period prior to the date in question, the direct or indirect beneficial owner of 10% or more of the voting power of the then-outstanding voting stock of Dow;

is an affiliate of Dow and, at any time within the two-year period immediately prior to the date in question, was the direct or indirect beneficial owner of 10% or more of the voting power of the outstanding voting stock of Dow; or

is an assignee of, or has otherwise succeeded to, any shares of voting stock of Dow of which an interested stockholder was the direct or indirect beneficial owner, at any time within the two-year period immediately prior to the date in question, if the assignment or succession occurred in the course of a transaction or series of transactions not involving a public offering under the Securities Act of 1933.

For purposes of determining whether a person is an interested stockholder, the outstanding voting stock of Dow includes unissued shares of voting stock of Dow beneficially owned by the interested stockholder but not other shares of voting stock of Dow that may be issuable pursuant to an agreement, arrangement or understanding or upon the exercise of conversion rights, warrants or options, or otherwise, to any person who is not an interested stockholder.

DESCRIPTION OF DEPOSITARY SHARES

The following summarizes briefly the material provisions of the deposit agreement and the depositary shares and depositary receipts. You should read the particular terms of any depositary shares and any depositary receipts that are offered by us, and any deposit agreement relating to a particular series of preferred stock, which will be described in more detail in an applicable prospectus supplement. A copy of the form of deposit agreement, including the form of depositary receipt, is incorporated by reference as an exhibit in the registration statement of which this prospectus is a part.

General

We may, at our option, elect to offer fractional shares of preferred stock, rather than full shares of preferred stock. In the event we exercise this option, we will issue receipts for depositary shares, each of which will represent a fraction, to be described in an applicable prospectus supplement, of a share of a particular series of preferred stock as described below.

The shares of each series of preferred stock represented by depositary shares will be deposited under a deposit agreement between us and a bank or trust company selected by us and having its principal office in the United States and having a combined capital and surplus of at least \$50,000,000. Subject to the terms of the deposit agreement, each owner of a depositary share will be entitled to all of the rights and preferences of the preferred stock in proportion to the applicable fraction of a share of preferred stock represented by the depositary share, including dividend, voting, redemption, conversion and liquidation rights.

The depositary shares will be evidenced by depositary receipts issued pursuant to the deposit agreement. Depositary receipts will be distributed to those persons purchasing the fractional shares of preferred stock in accordance with the terms of the offering.

Pending the preparation of definitive depositary receipts, the depositary may, upon our written order, execute and deliver temporary depositary receipts which are substantially identical to, and which entitle the

Table of Contents

holders to all the rights pertaining to, the definitive depositary receipts. Depositary receipts will be prepared thereafter without unreasonable delay, and temporary depositary receipts will be exchangeable for definitive depositary receipts at our expense.

Dividends and Other Distributions

The depositary will distribute all cash dividends and other cash distributions received in respect of the deposited preferred stock to the record holders of depositary shares relating to the preferred stock, in proportion to the numbers of the depositary shares owned by such holders.

In the event of a non-cash distribution, the depositary will distribute property it receives to the appropriate record holders of depositary shares. If the depositary determines that it is not feasible to make a distribution, it may, with our approval, sell the property and distribute the net proceeds from the sale to the holders.

Redemption of Stock

If a series of preferred stock represented by depositary shares is to be redeemed, the depositary shares will be redeemed from the proceeds received by the depositary resulting from the redemption, in whole or in part, of each series of preferred stock held by the depositary. The depositary shares will be redeemed by the depositary at a price per depositary share equal to the applicable fraction of the redemption price per share payable in respect of the shares of preferred stock so redeemed. Whenever we redeem shares of preferred stock held by the depositary, the depositary will redeem, as of the same date, the number of depositary shares representing shares of preferred stock redeemed. If fewer than all the depositary shares are to be redeemed, the depositary shares to be redeemed will be selected by the depositary by lot or pro rata or by any other equitable method as may be determined by the depositary.

Withdrawal of Stock

Any holder of depositary shares may, upon surrender of the depositary receipts at the corporate trust office of the depositary, unless the related depositary shares have previously been called for redemption, receive the number of whole shares of the related series of preferred stock and any money or other property represented by the depositary receipts. Holders of depositary shares making withdrawals will be entitled to receive whole shares of preferred stock on the basis described in an applicable prospectus supplement for such series of preferred stock, but holders of whole shares of preferred stock will not thereafter be entitled to deposit the preferred stock under the deposit agreement or to receive depositary receipts therefor. If the depositary shares surrendered by the holder in connection with a withdrawal exceed the number of depositary shares that represent the number of whole shares of preferred stock to be withdrawn, the depositary will deliver to the holder at the same time a new depositary receipt evidencing the excess number of depositary shares.

Voting Deposited Preferred Stock

Upon receipt of notice of any meeting at which the holders of any series of deposited preferred stock are entitled to vote, the depositary will mail the information contained in the notice of meeting to the record holders of the depositary shares relating to such series of preferred stock. Each record holder of the depositary shares on the record date, which will be the same date as the record date for the relevant series of preferred stock, will be entitled to instruct the depositary as to the exercise of the voting rights pertaining to the amount of the preferred stock represented by the holder's depositary shares.

The depositary will attempt, insofar as practicable, to vote the amount of such series of preferred stock represented by the depositary shares in accordance with the instructions, and we will agree to take all reasonable actions that may be deemed necessary by the depositary to enable the depositary to do so. The depositary will refrain from voting shares of the preferred stock to the extent it does not receive specific instructions from the holder of depositary shares representing the preferred stock.

Table of Contents

Amendment and Termination of the Deposit Agreement

The form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement may at any time be amended by agreement between us and the depositary. However, any amendment which materially and adversely alters the rights of the holders of the depositary shares representing preferred stock of any series will not be effective unless the amendment has been approved by the holders of at least the amount of the depositary shares then outstanding representing the minimum amount of preferred stock of such series necessary to approve any amendment that would materially and adversely affect the rights of the holders of the preferred stock of such series. Every holder of an outstanding depositary receipt at the time any amendment becomes effective, or any transferee of the holder, will be deemed, by continuing to hold the depositary receipt, or by reason of the acquisition thereof, to consent and agree to the amendment and to be bound by the deposit agreement as amended thereby. The deposit agreement may be terminated by us or the depositary only after:

all outstanding depositary shares have been redeemed; or

a final distribution in respect of the preferred stock has been made to the holders of depositary shares in connection with any liquidation, dissolution or winding up of Dow.

Charges of Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will pay all charges of the depositary in connection with the initial deposit of the relevant series of preferred stock and any redemption of the preferred stock. Holders of depositary receipts will pay other transfer and other taxes and governmental charges and other charges or expenses as are expressly provided in the deposit agreement.

Resignation and Removal of Depositary

The depositary may resign at any time by delivering to us notice of its election to do so, and we may at any time remove the depositary, any resignation or removal to take effect upon the appointment of a successor depositary and its acceptance of the appointment. The successor depositary must be appointed within 60 days after delivery of the notice of resignation or removal and must be a bank or trust company having its principal office in the United States and having a combined capital and surplus of at least \$50,000,000.

Miscellaneous

The depositary will forward all reports and communications from us which are delivered to the depositary and which we are required to furnish to the holders of the deposited preferred stock.

Neither we nor the depositary will be liable if we are or it is prevented or delayed by law or any circumstances beyond our or its control in performing any obligations under the deposit agreement. Our and its obligations under the deposit agreement will be limited to performance in good faith of our and its duties under the deposit agreement and neither we nor it will be obligated to prosecute or defend any legal proceeding in respect of any depositary shares, depositary receipts or shares of preferred stock unless satisfactory indemnity is furnished. The depositary and we may rely upon written advice of counsel or accountants, or upon information provided by holders of depositary receipts or other persons believed to be competent and on documents believed to be genuine.

Table of Contents

DESCRIPTION OF DEBT SECURITIES

The following description of the debt securities summarizes the material terms and provisions of the debt securities to which a prospectus supplement may relate. Each time Dow offers debt securities, the prospectus supplement related to that offering will describe the terms of the debt securities Dow is offering.

The debt securities offered by this prospectus will be unsecured obligations of Dow and will be either senior or subordinated debt. The senior debt securities will be issued under an indenture, which we refer to as the senior indenture, between Dow and The Bank of New York Trust Company, N.A., as trustee. The subordinated debt securities will be issued under an indenture, which we refer to as the subordinated indenture, between Dow and The Bank of New York Trust Company, N.A., as trustee. We refer to the senior indenture and the subordinated indenture collectively as the indentures. The following summary of the debt securities and the indentures does not purport to be complete and is subject to the provisions of the indentures, including the defined terms. Whenever we refer to particular defined terms of the indentures, those defined terms are incorporated by reference in this prospectus and prospectus supplement. For additional information, you should review the forms of indentures that are filed as an exhibit to the registration statement of which this prospectus forms a part.

General

Dow may issue debt securities from time to time in one or more series without limitation as to aggregate principal amount. The indentures do not limit the amount of other indebtedness or securities that Dow may issue.

The debt securities will be unsecured obligations. The senior debt securities will rank equally with all of Dow's other unsecured and unsubordinated indebtedness. The subordinated debt securities will rank equally with all of Dow's other unsecured and subordinated indebtedness, except for a series of subordinated debt securities that is by its terms junior to such subordinated debt securities.

The prospectus supplement will describe the following terms of the debt securities Dow is offering:

the title of the debt securities or the series in which the debt securities will be included;

whether such debt securities will be senior debt securities or subordinated debt securities;

any limit on the aggregate principal amount of the debt securities of that series;

the price or prices at which the debt securities will be issued;

if other than the principal amount, the portion of the principal amount of the debt securities payable if the maturity is accelerated;

the date or dates on which the principal amount of the debt securities is payable;

the interest rate or rates, or the formula by which the interest rate or rates will be determined, if any, the date from which any interest will accrue and the circumstances, if any, in which the Company may defer interest payments;

the interest payment dates on which any interest will be payable, the regular record date for any interest payable on any debt securities that are registered securities on any interest payment date, and the extent to which, or the manner in which, any interest payable on a global security on an interest payment date will be paid if different from the manner described below under Global

Securities ;

any mandatory or optional sinking fund or analogous provisions;

each office or agency where the principal of and any premium and interest on the debt securities will be payable and each office or agency where the debt securities may be presented for registration of transfer or exchange;

Table of Contents

the date, if any, after which and the price or prices at which the debt securities may, pursuant to any optional or mandatory redemption provisions, be redeemed, in whole or in part, and the other detailed terms and provisions of any optional or mandatory redemption provisions;

the denominations in which Dow may issue any debt securities which are registered securities, if other than denominations of \$1,000 and any integral multiple thereof;

if other than U.S. dollars, the currency or currencies of payment of principal of and any premium and interest on the debt securities;

if the amount of any payment may be determined with reference to an index or formula based on securities, commodities, intangibles, articles or goods, or any other financial, economic or other measure or instrument, including the occurrence or non-occurrence of any event or circumstance, the manner in which the amount will be determined;

any additional covenants applicable to the debt securities; and

any other terms and provisions of the debt securities not inconsistent with the terms and provisions of the indenture.

The terms on which debt securities may be convertible into or exchangeable for common stock or other securities of Dow or a third party will be set forth in the prospectus supplement relating to such offering. Such terms will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at the option of Dow. The terms may include provisions pursuant to which the number of shares of common stock or other securities to be received by the holders of such debt securities may be adjusted.

The prospectus supplement also will describe any special provisions for the payment of additional amounts with respect to the debt securities.

If the purchase price of any of the debt securities is denominated in one or more foreign currencies or if the principal of, or any premium and interest on, any series of debt securities is payable in one or more foreign currencies, the restrictions, elections, general tax considerations, specific terms and other information with respect to such debt securities and such foreign currency or currency units will be set forth in the related prospectus supplement.

Some of the debt securities may be issued as original issue discount securities (bearing no interest or bearing interest at a rate which at the time of issuance is below market rates) to be sold at a substantial discount below their principal amount. The prospectus supplement will describe the federal income tax considerations and other special considerations which apply to any original issue discount securities.

Dow may, without notice to or consent of the holders or beneficial owners of a series of debt securities, issue additional debt securities having the same ranking, interest rate, maturity and other terms as the debt securities initially issued. Any such debt securities could be considered part of the same series of debt securities as the debt securities initially issued.

Denominations, Registration and Transfer

The debt securities may be issued as registered securities. Debt securities may be issued in the form of one or more global securities, as described below under the section of this prospectus captioned Global Securities. Unless otherwise provided in the prospectus supplement, registered securities denominated in U.S. dollars will be issued only in denominations of \$1,000 or any integral multiple thereof. A global security will be issued in a denomination equal to the aggregate principal amount of outstanding debt securities represented by that global security. The prospectus supplement relating to debt securities denominated in a foreign or composite currency will specify the denominations in which the debt securities will be issued.

Table of Contents

Registered securities of any series may be exchanged for other registered securities of the same series and of a like aggregate principal amount and tenor of different authorized denominations.

Debt securities may be presented for exchange as described in the previous paragraph, and registered securities, other than a global security, may be presented for registration of transfer, with the form of transfer duly executed, at the office of the security registrar designated by Dow or at the office of any transfer agent designated by Dow for that purpose, without service charge and upon payment of any taxes and other governmental charges as described in the indenture. The transfer or exchange will be effected when the security registrar or the transfer agent is satisfied with the documents of title and identity of the person making the request. Dow has initially appointed the trustee as the security registrar under the indenture. If a prospectus supplement refers to any transfer agent initially designated by Dow with respect to any series of debt securities, Dow may at any time cancel the designation of the transfer agent or approve a change in the location through which the transfer agent acts, except that Dow will be required to maintain a transfer agent in each place of payment for the series.

Dow may at any time designate additional transfer agents with respect to any series of debt securities.

In the event of any redemption in part, Dow will not be required to:

issue, register the transfer of or exchange debt securities of any series during a period beginning at the opening of business 15 days before the date of the mailing of a notice of redemption of debt securities of that series selected to be redeemed and ending at the close of business on the day of mailing of the relevant notice of redemption; or

register the transfer of or exchange any registered security or portion of any registered security called for redemption, except the unredeemed portion of any registered security being redeemed in part.

Payments and Paying Agents

Unless otherwise indicated in the prospectus supplement, Dow will pay the principal of and any premium and interest on registered securities other than a global security at the office of one or more paying agents designated by Dow. At Dow's option, however, Dow may pay any interest by check mailed to the address of the payee entitled to the interest at the address which appears in the security register. Unless otherwise indicated in the prospectus supplement, payment of any installment of interest on registered securities will be made to the person in whose name the registered security is registered at the close of business on the record date for the applicable interest payment.

Unless otherwise indicated in the prospectus supplement, the principal office of the trustee in New York City will be Dow's sole paying agent for payments with respect to debt securities which may be issued only as registered securities. Any paying agent outside the United States and any other paying agent in the United States initially designated by Dow for the debt securities will be named in the prospectus supplement. Dow may at any time designate additional paying agents, or cancel the designation of any paying agent or approve a change in the office through which any paying agent acts, except that Dow will be required to maintain a paying agent in each place of payment for the series.

All amounts paid by Dow to a paying agent for the payment of principal of and any premium and interest on any debt security that remain unclaimed at the end of two years after the principal, premium or interest has become due and payable will be repaid to Dow and after the repayment the holder of the debt security or any coupon related to the debt security may look only to Dow for the payment of principal of and any premium and interest on the debt security.

Table of Contents

Global Securities

The debt securities of a series may be issued in whole or in part in the form of one or more global securities that will be deposited with, or on behalf of, a depository identified in the prospectus supplement. Global securities may be issued in registered form and in either temporary or permanent form. Unless and until it is exchanged for debt securities in definitive form, a temporary global security in registered form may not be transferred except as a whole by:

the depository for the global security to a nominee of the depository;

a nominee of the depository for the global security to the depository or another nominee of the depository; or

the depository for the global security or the nominee to a successor of the depository or a nominee of the successor.

Unless otherwise indicated in the prospectus supplement, registered debt securities issued in global form will be represented by one or more global securities deposited with, or on behalf of, The Depository Trust Company, New York, New York, which we refer to as DTC, or another depository appointed by Dow, and registered in the name of the depository or its nominee. The debt securities will not be issued in definitive form unless otherwise provided in the prospectus supplement.

DTC will act as securities depository for the securities. The debt securities will be issued as fully registered securities registered in the name of Cede & Co. (DTC's partnership nominee). One fully registered global security will be issued with respect to each \$500 million of principal amount and one or more additional certificates will be issued with respect to any remaining principal amount of debt securities.

DTC is a limited-purpose trust company organized under the New York Banking Law, a banking organization within the meaning of the New York Banking Law, a member of the Federal Reserve System, a clearing corporation within the meaning of the New York Uniform Commercial Code, and a clearing agency registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934. DTC holds securities that its participants deposit with DTC. DTC also facilitates the settlement among participants of securities transactions, such as transfers and pledges, in deposited securities through electronic computerized book-entry changes in participants' accounts, thereby eliminating the need for physical movement of securities certificates. Direct participants include securities brokers and dealers, banks, trust companies, clearing corporations and other similar organizations. DTC is owned by a number of its direct participants and by the New York Stock Exchange, Inc., the American Stock Exchange LLC and the National Association of Securities Dealers, Inc. Access to the DTC system is also available to indirect participants such as securities brokers and dealers, banks and trust companies that clear through or maintain a custodial relationship with a direct participant, either directly or indirectly. The rules applicable to DTC and its participants are on file with the SEC.

Purchases of debt securities under the DTC system must be made by or through direct participants, which will receive a credit for the debt securities on DTC's records. The ownership interest of each actual purchaser of each debt security is in turn to be recorded on the direct and indirect participants' records. These beneficial owners will not receive written confirmation from DTC of their purchase, but beneficial owners are expected to receive a written confirmation providing details of the transaction, as well as periodic statements of their holdings, from the direct or indirect participants through which the beneficial owner entered into the transaction. Transfers of ownership interests in the debt securities are to be accomplished by entries made on the books of participants acting on behalf of beneficial owners. Beneficial owners will not receive certificates representing their ownership interests in debt securities, except in the event that use of the book-entry system for the debt securities is discontinued.

To facilitate subsequent transfers, all debt securities deposited by participants with DTC are registered in the name of DTC's partnership nominee, Cede & Co. The deposit of debt securities with DTC and their registration

Table of Contents

in the name of Cede & Co. will effect no change in beneficial ownership. DTC has no knowledge of the actual beneficial owners of the debt securities; DTC's records reflect only the identity of the direct participants to whose accounts the debt securities are credited, which may or may not be the beneficial owners. The participants will remain responsible for keeping account of their holdings on behalf of their customers.

Delivery of notices and other communications by DTC to direct participants, by direct participants to indirect participants, and by direct participants and indirect participants to beneficial owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time.

Redemption notices will be sent to DTC. If less than all of the debt securities within an issue are being redeemed, DTC's practice is to determine by lot the amount of the interest of each direct participant in the issue to be redeemed.

Neither DTC nor Cede & Co. will consent or vote with respect to debt securities. Under its usual procedures, DTC mails an omnibus proxy to Dow as soon as possible after the record date. The omnibus proxy assigns Cede & Co.'s consenting or voting rights to those direct participants to whose accounts the debt securities are credited on the record date (identified in a listing attached to the omnibus proxy).

Principal and interest payments, if any, on the debt securities will be made to Cede & Co., as nominee of DTC. DTC's practice is to credit direct participants' accounts, upon DTC's receipt of funds and corresponding detail information from Dow or the trustee, on the applicable payable date in accordance with their respective holdings shown on DTC's records. Payments by participants to beneficial owners will be governed by standing instructions and customary practices, as is the case with securities held for the accounts of customers registered in street name, and will be the responsibility of that participant and not of DTC, the trustee or Dow, subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of principal and interest to Cede & Co. is Dow's responsibility or the trustee's, disbursement of payments to direct participants shall be the responsibility of DTC, and disbursement of payments to beneficial owners is the responsibility of direct and indirect participants.

A beneficial owner must give notice to elect to have its debt securities purchased or tendered, through its participant, to a tender agent, and shall effect delivery of debt securities by causing the direct participants to transfer the participant's interest in the debt securities, on DTC's records, to a tender agent. The requirement for physical delivery of debt securities in connection with an optional tender or a mandatory purchase will be deemed satisfied when the ownership rights in the debt securities are transferred by direct participants on DTC's records and followed by a book-entry credit of tendered debt securities to the tender agent's account.

DTC may discontinue providing its services as securities depository with respect to the debt securities at any time by giving reasonable notice to Dow or the trustee. Under these circumstances, in the event Dow does not appoint a successor securities depository, debt security certificates will be printed and delivered.

Dow may decide to discontinue use of the system of book-entry transfers through DTC (or a successor securities depository). In that event, debt security certificates will be printed and delivered.

The information in this section concerning DTC and DTC's book-entry system has been obtained from sources that Dow believes to be reliable, but Dow takes no responsibility for their accuracy.

Table of Contents

Certain Covenants Applicable to Senior Debt Securities

Limitations on Liens

The senior indenture provides that, subject to the exceptions described below and those set forth under Exempted Indebtedness, Dow may not, and may not permit any restricted subsidiary to, create or permit to exist any lien on any principal property, additions to principal property or shares of capital stock of any restricted subsidiary without equally and ratably securing the debt securities. This restriction will not apply to permitted liens, including:

liens on principal property existing at the time of its acquisition or to secure the payment of all or part of the purchase price;

liens existing on the date of the indenture;

liens on property or shares of capital stock, or arising out of any indebtedness of any corporation existing at the time the corporation becomes or is merged into Dow or a restricted subsidiary;

liens which secure debt owing to Dow or a subsidiary by a restricted subsidiary;

liens in connection with the issuance of tax-exempt industrial development or pollution control bonds or other similar bonds issued pursuant to Section 103(b) of the Internal Revenue Code to finance all or any part of the purchase price of or the cost of construction, equipping or improving property; provided that those liens are limited to the property acquired or constructed or the improvement and to substantially unimproved real property on which the construction or improvement is located; provided further, that Dow and its restricted subsidiaries may further secure all or any part of such purchase price or the cost of construction of any improvements and personal property by an interest on additional property of Dow and restricted subsidiaries only to the extent necessary for the construction, maintenance and operation of, and access to, the property so acquired or constructed or the improvement;

liens arising from assignments of money due under contracts with the United States or any State, or any department, agency or political subdivision of the United States or any State;

liens in favor of any customer arising in respect of payments made by or on behalf of a customer for goods produced for or services rendered to customers in the ordinary course of business not exceeding the amount of those payments;

any extension, renewal or replacement of any lien referred to in any of the previous clauses; and

statutory liens, liens for taxes or assessments or governmental charges or levies not yet due or delinquent or which can be paid without penalty or are being contested in good faith, landlord's liens on leased property, easements and liens of a similar nature as those described above.

Limitation on Sale and Lease-Back Transactions

The senior indenture provides that, subject to the exceptions set forth below under the section of this prospectus captioned Exempted Indebtedness, sale and lease-back transactions by Dow or any restricted subsidiary of any principal property are prohibited (except for temporary leases for a term, including any renewal thereof, of not more than three years and except for leases between Dow and a subsidiary or between subsidiaries) unless the net proceeds of the sale and leaseback transaction are at least equal to the fair value of the property.

Table of Contents

Exempted Indebtedness

Dow or any restricted subsidiary may create or assume liens or enter into sale and lease-back transactions not otherwise permitted under the limitations on liens and sale and lease-back transactions described above, so long as at that time and after giving effect to the lien or sale and lease-back transaction, the sum of:

(1) the aggregate outstanding indebtedness of Dow and its consolidated subsidiaries incurred after the date of the indenture and secured by the liens relating to principal property; plus

(2) the aggregate discounted value of the obligations for rental payments in respect to the sale and lease-back transactions relating to principal property;

does not exceed 10% of consolidated net tangible assets.

There are no covenants or provisions contained in the indenture which protect holders of debt securities in the event of a highly leveraged transaction.

Certain Definitions

The following are the meanings of terms that are important in understanding the covenants previously described:

Consolidated net tangible assets means the total assets of Dow and its consolidated subsidiaries as shown on or reflected in its balance sheet, less:

all current liabilities, excluding current liabilities that could be classified as long-term debt under generally accepted accounting principles and current liabilities that are by their terms extendible or renewable at the obligor's option to a time more than 12 months after the time as of which the amount of current liabilities is being computed;

advances to entities accounted for on the equity method of accounting; and

intangible assets.

Intangible assets means the aggregate value, net of any applicable reserves, as shown on or reflected in Dow's balance sheet, of:

all trade names, trademarks, licenses, patents, copyrights and goodwill;

organizational and development costs;

deferred charges, other than prepaid items such as insurance, taxes, interest, commissions, rents and similar items and tangible assets being amortized; and

amortized debt discount and expense, less unamortized premium.

Principal property means any manufacturing facility having a gross book value in excess of 1% of consolidated net tangible assets that is owned by Dow or any restricted subsidiary and located within the United States, excluding its territories and possessions and Puerto Rico, other than any facility or portion of a facility which Dow's board of directors reasonably determines is not material to the business conducted by Dow and

its subsidiaries as a whole.

Restricted subsidiary means any subsidiary:

of which substantially all of the property of is located, and substantially all of the business is carried on, within the United States, excluding its territories and possessions and Puerto Rico; and

that owns or operates one or more principal properties; provided, however, restricted subsidiary shall not include a subsidiary that is primarily engaged in the business of a finance or insurance company, and branches of that finance or insurance company.

Table of Contents

Subsidiary means each corporation of which more than 50% of the outstanding voting stock is owned, directly or indirectly, by Dow or one or more of its subsidiaries, or by Dow and one or more of its subsidiaries.

Subordination of Subordinated Debt Securities

Unless otherwise indicated in an applicable prospectus supplement, the following provisions will apply to the subordinated debt securities.

The subordinated debt securities will, to the extent described in the subordinated indenture, be subordinate in right of payment to the prior payment in full of all senior indebtedness (as defined below). Upon any payment or distribution of assets to creditors pursuant to any liquidation, dissolution, winding up, reorganization, assignment for the benefit of creditors, marshaling of assets or any bankruptcy, insolvency, debt restructuring or similar proceedings in connection with any insolvency or bankruptcy proceeding of ours, the holders of senior indebtedness will be entitled to payment in full of any principal, premium, if any, and interest on such senior indebtedness, before the holders of the subordinated debt securities will be entitled to any payment in respect of any principal, premium, if any, or interest on the subordinated debt securities. Because of the subordination, our creditors may ratably recover less than the holders of senior indebtedness, and more than the holders of the subordinated debt securities, upon liquidation or insolvency.

If the maturity of any subordinated debt securities is accelerated, the holders at that time of all senior indebtedness then outstanding will first be entitled to receive payment in full of all amounts due thereon, before the holders of the subordinated debt securities will be entitled to receive any payment of any principal, premium, if any, and interest on the subordinated debt securities.

No principal, premium or interest payments may be made in respect of the subordinated debt securities if:

a default beyond any grace period in any payment of principal, interest or any other monetary amounts has occurred and is continuing regarding any senior indebtedness;

an event of default resulting in the acceleration of the maturity of any senior indebtedness has occurred and is continuing;

any judicial proceeding is pending regarding any such default; or

Dow dissolves, winds-up, liquidates or reorganizes, whether in bankruptcy, insolvency or otherwise.

For purposes of the subordination provisions of the subordinated indenture, the payment, issuance and delivery of cash, property or securities, other than stock and our specified subordinated securities, upon conversion of a subordinated debt security, is a principal payment in respect of the subordinated debt security.

The subordinated indenture does not limit or prohibit the incurrence of additional senior indebtedness, including indebtedness that is senior to the subordinated debt securities, but subordinate to our other obligations. The senior debt securities constitute senior indebtedness under the subordinated indenture.

The term senior indebtedness includes all amounts due on and obligations incurred in connection with any of the following, whether outstanding at the date the subordinated indenture is executed, or incurred or created after the subordinated indenture is executed, unless the instrument creating or evidencing the obligation provides that it is not senior in right of payment to the subordinated debt securities, or is equally senior with or junior to the subordinated debt securities:

our indebtedness, obligations and other liabilities, contingent or otherwise, incurred for money borrowed or evidenced by bonds, debentures, notes or similar instruments;

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

our reimbursement obligations and other liabilities, contingent or otherwise, regarding letters of credit, bankers' acceptances issued for our account, interest rate protection agreements or currency exchange or purchase agreements;

Table of Contents

obligations and liabilities, contingent or otherwise, in respect of leases by us as lessee that are accounted for as capitalized lease obligations on our balance sheet in accordance with generally accepted accounting principles;

all direct or indirect guarantees or similar agreements in respect of, and obligations or liabilities (contingent or otherwise) to purchase or otherwise acquire or assure a creditor against our loss in respect of, indebtedness, obligations or liabilities of another person described in any of the three immediately preceding provisions;

any indebtedness described in any of the four immediately preceding provisions and that is secured by any mortgage, pledge, lien or other encumbrance existing on property owned or held by us, regardless of whether the indebtedness secured thereby has been assumed by us; and

any deferrals, renewals, extensions and refunds of, or amendments, modifications or supplements to, any indebtedness, obligation or liability described in any of the five immediately preceding provisions.

Senior indebtedness will not include trade accounts payable, accrued liabilities arising in the ordinary course of business or indebtedness to our subsidiaries.

The applicable prospectus supplement may further describe the provisions, if any, applicable to the subordination of the subordinated debt securities of a particular series.

Consolidation, Merger and Sale of Assets

Dow may not merge or consolidate or sell or convey all or substantially all of its assets unless:

the successor corporation is Dow or is a domestic corporation that assumes Dow's obligations on the debt securities and under the indenture; and

after giving effect to the transaction, Dow or the successor corporation would not be in default under the indenture.

Events of Default

With respect to any series of debt securities, any one of the following events will constitute an event of default under the indenture:

- (1) default by Dow for 30 days in the payment of any installment of interest on the debt securities of that series;
- (2) default by Dow in the payment of any principal on the debt securities of that series;
- (3) default by Dow in the payment of any sinking fund installment;
- (4) default by Dow in the performance, or breach by Dow, of any of the covenants or warranties contained in the indenture for the benefit of the debt securities of that series which is not remedied within a period of 90 days after receipt of written notice by Dow from the trustee or the holders of not less than 25% in principal amount of the debt securities of that series then outstanding;
- (5) Dow commences bankruptcy or insolvency proceedings or consents to any bankruptcy relief sought against it;
- (6) Dow becomes involved in involuntary bankruptcy or insolvency proceedings and an order for relief is entered against it, if that order remains in effect for more than 60 consecutive days; or

(7) any other event of default established in accordance with a supplemental indenture or board resolution with respect to any series of debt securities.

Table of Contents

No event of default described in clauses (1), (2), (3), (4) or (7) above with respect to a particular series of debt securities necessarily constitutes an event of default with respect to any other series of debt securities.

The indenture provides that if an event of default under clauses (1), (2), (3), (4) or (7) above (but only if the event of default under clauses (4) or (7) is with respect to less than all series of debt securities then outstanding) shall have occurred and be continuing, either the trustee or the holders of not less than 25% in aggregate principal amount of the then-outstanding debt securities of the series affected by the event of default, each affected series treated as a separate class, may declare the principal of all the debt securities of each affected series, together with accrued interest, to be due and payable immediately. If an event of default under clauses (4) or (7) above (but only if the event of default under clauses (4) or (7) is with respect to all of the series of debt securities then outstanding) shall have occurred and be continuing, either the trustee or the holders of not less than 25% in the aggregate principal amount of all the debt securities then outstanding, treated as one class, may declare the principal of all the debt securities, together with accrued interest, to be due and payable immediately. If an event of default under clauses (5) or (6) above shall have occurred, the principal of all the debt securities, together with accrued interest, will become due and payable immediately without any declaration or other act by the trustee or any holder. If prior to any judgment or decree for the payment of money due being entered or obtained, Dow delivers to the trustee an amount of money sufficient to pay all interest then due and the principal of any securities that have matured (other than through acceleration) and the trustee's expenses and Dow has cured any defaults under the indenture, then such declaration (including a declaration caused by a default in the payment of principal or interest, the payment for which has subsequently been provided) may be rescinded and annulled by the holders of a majority in principal amount of the debt securities of the series then outstanding, each such series treated as a separate class, or all debt securities treated as one class, as the case may be, as were entitled to declare such default. In addition, past defaults may be waived by the holders of a majority in principal amount of the debt securities of the series then outstanding, each series treated as a separate class, or all debt securities treated as one class, as the case may be, as were entitled to declare such default, except a default in the payment of the principal of or interest on the debt securities or in respect of a covenant or provision of the indenture that cannot be modified or amended without the approval of the holder of each debt security so affected.

Notwithstanding the foregoing, at Dow's election, the sole remedy for an event of default specified in clause (4) above relating to the failure by Dow to comply with the covenant in the indenture requiring Dow to file with the trustee copies of the reports and other information it files with the SEC (Dow's SEC filing obligations) and for any failure by Dow to comply with the requirements of Section 314(a)(1) of the Trust Indenture Act of 1939, as amended (the TIA), which similarly requires Dow to file with the trustee copies of the reports and other information it files with the SEC, shall for the first 270 days after the occurrence of such an event of default consist exclusively of the right to receive additional interest on the debt securities of such series at an annual rate equal to 0.25% of the principal amount of the debt securities. This additional interest will accrue on the debt securities from and including the date on which an event of default relating to a failure to comply with Dow's SEC filing obligations or the failure to comply with the requirements of Section 314(a)(1) of the TIA first occurs to but not including the 270th day thereafter (or such earlier date on which the event of default shall have been cured or waived). On such 270th day (or earlier, if such event of default is cured or waived prior to such 270th day), such additional interest will cease to accrue and, if such event of default has not been cured or waived prior to such 270th day, then either the trustee or the holders of not less than 25% in the aggregate principal amount of the debt securities of such series then outstanding may declare the principal of all the debt securities of such series, together with accrued interest, to be due and payable immediately. This provision shall not affect the rights of holders in the event of the occurrence of any other event of default.

The indenture contains a provision entitling the trustee, subject to the duty of the trustee during default to act with the required standard of care, to be indemnified by the holders of debt securities before exercising any right or power under the indenture at the request of the holders of the debt securities. The indenture also provides that the holders of a majority in principal amount of the outstanding debt securities of all series affected, each series treated as a separate class, may direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee, with respect to the debt securities of such series.

Table of Contents

The indenture requires Dow to file annually with the trustee a certificate as to the absence of any default or specifying any default that exists.

Satisfaction and Discharge of Indenture

The indenture with respect to any series, except for the surviving obligations, including Dow's obligation to compensate the trustee and to pay the principal of and interest on the debt securities of that series, will be discharged and canceled upon the satisfaction of specified conditions, including:

payment of all the debt securities of that series; or

the deposit with the trustee of cash or U.S. government obligations or a combination of cash and U.S. government obligations sufficient for the payment or redemption in accordance with the indenture and the terms of the debt securities of that series.

Modification and Waiver

Dow and the trustee may modify and amend the indenture with the consent of the holders of more than 50% of the principal amount of the outstanding debt securities of each series which is affected. No supplemental indenture may, without the consent of the holders of all outstanding debt securities:

extend the final maturity of, reduce the rate or extend the time of payment of interest on, reduce the principal amount of, or reduce any amount payable on any redemption of, any debt securities; or

reduce the percentage in principal amount of outstanding debt securities of any series, the consent of whose holders is required for any supplemental indenture.

Governing Law

The indenture and the debt securities will be governed by and construed in accordance with the laws of the State of New York, without regard to conflict of laws principles thereof.

Information About the Trustee

The trustee's corporate trust office is located at 2 North LaSalle Street, Suite 1020, Chicago, Illinois 60602. The trustee's principal corporate trust office in New York City is located at 101 Barclay Street, New York, New York 10286.

DESCRIPTION OF WARRANTS

We may issue warrants, including warrants to purchase debt securities, as well as other types of warrants to purchase securities. Warrants may be issued independently or together with any securities and may be attached to or separate from the securities. The warrants are to be issued under warrant agreements to be entered into between us and a bank or trust company, as warrant agent. You should read the particular terms of the warrants, which will be described in more detail in the applicable prospectus supplement. The applicable prospectus supplement will also state whether any of the general provisions summarized below do not apply to the warrants being offered.

Table of Contents

Debt Warrants

The applicable prospectus supplement will describe the terms of debt warrants offered thereby, the warrant agreement relating to the debt warrants and the certificates representing the debt warrants, including the following:

the title of the debt warrants;

the aggregate number of debt warrants;

the price or prices at which the debt warrants will be issued;

the currency or currencies, including composite currencies or currency units, in which the price of the debt warrants may be payable;

the designation, aggregate principal amount and terms of the debt securities purchasable upon exercise of the debt warrants, and the procedures and conditions relating to the exercise of the debt warrants;

the designation and terms of any related debt securities with which the debt warrants are issued, and the number of the debt warrants issued with each debt security;

the currency or currencies, including composite currencies or currency units, in which any principal, premium, if any, or interest on the debt securities purchasable upon exercise of the debt warrants will be payable;

the date, if any, on and after which the debt warrants and the related debt securities will be separately transferable;

the principal amount of debt securities purchasable upon exercise of each debt warrant, and the price at which and the currency or currencies, including composite currencies or currency units, in which the principal amount of debt securities may be purchased upon exercise;

the date on which the right to exercise the debt warrants will commence, and the date on which the right will expire;

the maximum or minimum number of the debt warrants which may be exercised at any time;

a discussion of any material United States federal income tax considerations; and

any other terms of the debt warrants and terms, procedures and limitations relating to the exercise of the debt warrants.

Certificates representing debt warrants will be exchangeable for new certificates representing debt warrants of different denominations, and debt warrants may be exercised at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement. Before the exercise of their debt warrants, holders of debt warrants will not have any of the rights of holders of the debt securities issuable upon

exercise and will not be entitled to payment of principal of or any premium or interest on the debt securities issuable upon exercise.

Other Warrants

The applicable prospectus supplement will describe the following terms of any other warrants that we may issue:

the title of the warrants;

the securities (which may include common stock, preferred stock or depositary shares) for which the warrants are exercisable;

the price or prices at which the warrants will be issued;

Table of Contents

the currency or currencies, including composite currencies or currency units, in which the price of the warrants may be payable;

if applicable, the designation and terms of the common stock, preferred stock or depositary shares with which the warrants are issued, and the number of the warrants issued with each share of common stock or preferred stock or each depositary share;

if applicable, the date on and after which the warrants and the related common stock, preferred stock or depositary shares will be separately transferable;

if applicable, a discussion of any material United States federal income tax considerations; and

any other terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Exercise of Warrants

Each warrant will entitle the holder to purchase for cash the principal amount of debt securities or the number of shares of common stock or preferred stock or depositary shares at the exercise price as will in each case be described in, or can be determined from, the applicable prospectus supplement relating to the offered warrants. Warrants may be exercised at any time up to the close of business on the expiration date described in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void.

Warrants may be exercised as described in the applicable prospectus supplement. Upon receipt of payment and the certificate representing the warrant properly completed and duly executed at the corporate trust office of the warrant agent or any other offices indicated in the applicable prospectus supplement, we will, as soon as practicable, forward the securities issuable upon exercise. If less than all of the warrants represented by the certificate are exercised, a new certificate will be issued for the remaining warrants.

DESCRIPTION OF STOCK PURCHASE CONTRACTS AND STOCK PURCHASE UNITS

Dow may issue stock purchase contracts that obligate you to purchase from Dow, and obligate Dow to sell to you, a specified or varying number of shares of common stock at a future date or dates. Alternatively, the stock purchase contracts may obligate Dow to purchase from you, and obligate you to sell to Dow, a specified or varying number of shares of common stock or preferred stock at a future date or dates. The price per share of common stock or preferred stock may be fixed at the time the stock purchase contracts are entered into or may be determined by reference to a specific formula set forth in the stock purchase contracts. Any stock purchase contract may include anti-dilution provisions to adjust the number of shares to be delivered pursuant to the stock purchase contract upon the occurrence of specified events.

The stock purchase contracts may be entered into separately or as a part of stock purchase units consisting of a stock purchase contract and, as security for your obligations to purchase or sell the shares of common stock or preferred stock, as the case may be, under the stock purchase contracts, either:

common stock;

preferred stock;

debt securities; or

debt obligations of third parties, including U.S. Treasury securities.

Edgar Filing: DOW CHEMICAL CO /DE/ - Form 424B3

The stock purchase contracts may require Dow to make periodic payments to you or vice versa, and these payments may be unsecured or prefunded and may be paid on a current or deferred basis. The stock purchase

Table of Contents

contracts may require you to secure your obligations in a specified manner, and, in some circumstances, Dow may deliver newly issued prepaid stock purchase contracts upon release to you of any collateral securing your obligations under the original stock purchase contract.

The applicable prospectus supplement will describe the specific terms of any stock purchase contracts or stock purchase units and, if applicable, prepaid stock purchase contracts. However, that description will not purport to be complete and will be qualified in its entirety by reference to:

the stock purchase contracts;

the collateral arrangements and depositary arrangements, if applicable, relating to the stock purchase contracts or stock purchase units; and

if applicable, the prepaid stock purchase contracts and the document pursuant to which the prepaid stock purchase contracts will be issued.

PLAN OF DISTRIBUTION

Dow may sell the securities:

directly to purchasers, or

through agents, underwriters or dealers, or

through a combination of any of these methods of sale.

Dow may distribute the securities from time to time in one or more transactions at a fixed price or prices, which may be changed, or at market prices prevailing at the time of sale, at prices related to the prevailing market prices or at negotiated prices.

Dow may determine the price or other terms of the securities offered under this prospectus by use of an electronic auction. Dow will describe how any auction will determine the price or any other terms, how potential investors may participate in the auction and the nature of the underwriters' obligations in the related supplement to this prospectus.

Dow may designate agents to solicit offers to purchase the securities from time to time. These agents may be deemed to be underwriters, as defined in the Securities Act of 1933, involved in the offer or sale of the securities. The prospectus supplement will name the agents and any commissions Dow pays them. Agents may be entitled to indemnification by Dow against certain liabilities, including liabilities under the Securities Act of 1933, under agreements between Dow and the agents, and the agents or their affiliates may extend credit to or engage in transactions with or perform services for Dow in the ordinary course of business. Unless otherwise indicated in the prospectus supplement, any agent will be acting on a reasonable efforts basis for the period of its appointment.

If Dow uses any underwriters in the sale of any of the securities, Dow will enter into an underwriting agreement with them at the time of sale and the names of the underwriters and the terms of the transaction will be set forth in the prospectus supplement that the underwriters use to make resales of the securities. The underwriters may be entitled under the relevant underwriting agreement to indemnification by Dow against certain liabilities, including liabilities under the Securities Act of 1933, and the underwriters or their affiliates may extend credit to or engage in transactions with or perform services for Dow in the ordinary course of business.

If Dow uses dealers in the sale of the securities, Dow will sell the securities to those dealers, as principal. The dealers may then resell the securities to the public at varying prices to be determined by them at the time of

Table of Contents

resale. Dealers may be entitled to indemnification by Dow against certain liabilities, including liabilities under the Securities Act of 1933, and the dealers or their affiliates may extend credit to or engage in transactions with or perform services for Dow in the ordinary course of business.

Shares of Dow common stock are principally traded on the New York Stock Exchange. Shares of Dow common stock also are listed on the Chicago, Pacific, Amsterdam, Berlin, Brussels, Dusseldorf, Frankfurt, Hamburg, Hannover, London, Paris, Switzerland and Tokyo exchanges and are traded on the Toronto, Boston, Cincinnati and Philadelphia Exchanges. Each series of securities will be a new issue and, other than the common stock, will have no established trading market. Dow may elect to list any series of securities on an exchange, and in the case of the common stock, on any additional exchange, but, unless otherwise specified in the applicable prospectus supplement, Dow will not be obligated to do so. Dow can give no assurance as to the liquidity of the trading market for any of the offered securities.

VALIDITY OF SECURITIES

In connection with particular offerings of the securities in the future, the validity of those securities, other than capital securities, will be passed upon for Dow by Kenneth D. Isley, Dow's Assistant General Counsel Corporate and Financial Law or another of Dow's lawyers named in the applicable prospectus supplement. Unless other indicated in the applicable prospectus supplement, Mayer, Brown, Rowe & Maw LLP, Chicago, Illinois, will act as legal counsel to the underwriters, agents or dealers. Mayer, Brown, Rowe & Maw LLP has from time to time acted as counsel for Dow and its subsidiaries and may do so in the future.

EXPERTS

The consolidated financial statements, the related financial statement schedule, and management's report on the effectiveness of internal control over financial reporting incorporated in this prospectus by reference from the Company's Annual Report on Form 10-K for the year ended December 31, 2006 have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference, (which reports (1) express an unqualified opinion on the financial statements and financial statement schedule and include an explanatory paragraph referring to changes in the Company's method of accounting for defined benefit pension and other postretirement plans to conform to Statement of Financial Accounting Standards No. 158, (2) express an unqualified opinion on management's assessment regarding the effectiveness of internal control over financial reporting, and (3) express an unqualified opinion on the effectiveness of internal control over financial reporting), and have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

Dow files reports, proxy statements and other information with the SEC under the Securities Exchange Act of 1934, as amended, or the Exchange Act. You may read and copy that information at the SEC's Public Reference Room located at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information relating to the Public Reference Room. You may also obtain copies of this information by mail from the Public Reference Section of the SEC, 100 F Street, N.E., Washington, D.C. 20549, at prescribed rates.

The SEC also maintains an internet site that contains reports, proxy statements and other information about issuers, including Dow, that file electronically with the SEC. The address of that site is <http://www.sec.gov>.

You can also inspect reports, proxy statements and other information about Dow at the offices of the New York Stock Exchange, 20 Broad Street, New York, New York 10005.

Table of Contents

The SEC allows Dow to incorporate by reference information into this prospectus. This means that Dow can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be a part of this prospectus, except for any information that is superseded by information that is included directly in this document.

This prospectus incorporates by reference Dow's Annual Report on Form 10-K for the year ended December 31, 2006.

Dow also incorporates by reference any future filings it makes with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act until Dow has sold all of the securities to which this prospectus relates or the offering is otherwise terminated. Dow's subsequent filings with the SEC will automatically update and supersede information in this prospectus.

You may obtain a copy of any of the documents incorporated by reference in this registration statement at no cost by writing to or telephoning Dow at the following address and telephone number:

Office of the Corporate Secretary

The Dow Chemical Company

2030 Dow Center

Midland, Michigan 48674

Telephone: 989-636-1792

Dow has not authorized anyone to give any information or make any representation about Dow that is different from, or in addition to, that contained in this prospectus or in any of the materials that have been incorporated into this document. Therefore, if anyone does give you information of this sort, you should not rely on it. This prospectus is an offer to sell or buy only the securities described in this document, but only under circumstances and in jurisdictions where it is lawful to do so. The information contained in this prospectus speaks only as of the date of this document unless the information specifically indicates that another date applies.

Table of Contents

\$

The Dow Chemical Company

% Notes due

Prospectus Supplement

, 2008

Joint Book-Running Managers

Merrill Lynch & Co.

HSBC

RBS Greenwich Capital