# UNITED STATES <br> SECURITIES AND EXCHANGE COMMISSION <br> Washington, D.C. 20549 <br> <br> FORM 8-K <br> <br> FORM 8-K <br> <br> CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF <br> <br> CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 THE SECURITIES EXCHANGE ACT OF 1934 <br> May 1, 2017 <br> Date of Report (Date of earliest event reported) <br> <br> QUAKER CHEMICAL CORPORATION <br> <br> QUAKER CHEMICAL CORPORATION <br> <br> (Exact name of Registrant as specified in its charter) 

 <br> <br> (Exact name of Registrant as specified in its charter)}

Commission File Number 001-12019

## PENNSYLVANIA <br> (State or other jurisdiction of incorporation or organization)

No. 23-0993790
Identification No.)

# One Quaker Park <br> 901 E. Hector Street <br> Conshohocken, Pennsylvania 19428 <br> (Address of principal executive offices) <br> (Zip Code) 

(610) 832-4000
(Registrant's telephone number, including area code)

Not Applicable
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company
If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to section 13(a) of the exchange Act.

## INFORMATION TO BE INCLUDED IN THE REPORT

## Item 2.02. Results of Operations and Financial Condition.

On May 1, 2017, Quaker Chemical Corporation announced its results of operations for the first quarter ended March 31,2017 in a press release, the text of which is included as Exhibit 99.1 hereto. Supplemental information related to the same period is also included as Exhibit 99.2 hereto.

Item 9.01. Financial Statements and Exhibits.

The following exhibits are included as part of this report:

Exhibit No.
Press Release of Quaker Chemical Corporation dated May 1, 2017.
99.2

Supplemental Information related to first quarter ended March 31, 2017.

## SIGNATURE

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

QUAKER CHEMICAL CORPORATION
Registrant
Date: May 1, 2017
By: /s/ Mary Dean Hall
Mary Dean Hall
Vice President, Chief Financial
Officer and Treasurer

For Release: Immediate

## QUAKER CHEMICAL ANNOUNCES FIRST QUARTER 2017 RESULTS

- Strong organic volume growth of $10 \%$ drives a net sales increase of $9 \%$ despite continued FX headwinds
- Net income of $\$ 7.0$ million and earnings per diluted share of $\$ 0.52$ reflect costs related to the Houghton combination, which was previously announced on April 5, 2017
- Non-GAAP earnings per diluted share increases $20 \%$ to $\$ 1.18$
- Solid operating leverage drives a $13 \%$ increase in adjusted EBITDA to $\$ 28.2$ million

May 1, 2017
CONSHOHOCKEN, PA - Quaker Chemical Corporation (NYSE: KWR) today announced a net sales increase of $9 \%$ to $\$ 194.9$ million in the first quarter of 2017 compared to $\$ 178.1$ million in the first quarter of 2016 , as its organic and acquisition volume growth of $10 \%$ and $1 \%$, respectively, overcame a negative impact from foreign currency translation of $2 \%$. These strong volumes drove higher gross profit quarter-over-quarter, despite lower gross margin in the first quarter of 2017 , primarily attributable to certain raw material cost increases. In addition, the current quarter operating margin benefited from the Company's ability to maintain a consistent level of selling, general and administrative expenses ("SG\&A") on strong volume growth.

The Company's first quarter of 2017 net income was $\$ 7.0$ million and its earnings per diluted share was $\$ 0.52$, which includes $\$ 9.1$ million or $\$ 0.69$ per diluted share of costs incurred with the Company's previously announced combination with Houghton International, Inc ("Houghton"). Excluding the current quarter combination-related costs and other non-core items, the Company's solid operating performance drove non-GAAP earnings per diluted share to $\$ 1.18$ in the first quarter of 2017 , a $20 \%$ increase compared to $\$ 0.98$ in the prior year period. In addition, the Company's adjusted EBITDA increased $13 \%$ to $\$ 28.2$ million in the first quarter of 2017 compared to $\$ 25.0$ million in the prior year period. The Company was able to achieve these reported and nonGAAP results in the first quarter of 2017 despite negative foreign exchange impacts of $\$ 0.04$ per diluted share, or $3 \%$.

Michael F. Barry, Chairman, Chief Executive Officer and President, commented, "We are pleased with our first quarter results, despite continued foreign exchange headwinds. We were able to grow our organic volumes by $10 \%$ on continued market share gains, as well as from increased production in some of our end markets. While our gross margins declined due to raw material price increases, we were able to partially offset the decline with savings realized from our previously announced restructuring program and other cost streamlining initiatives. Overall, we achieved a $13 \%$ increase in adjusted EBITDA and a $20 \%$ increase in non-GAAP earnings despite foreign exchange negatively impacting earnings by $3 \%$."

Mr. Barry continued, "Looking forward, we expect foreign exchange and raw materials to continue to be headwinds that may ratably decline as the year progresses. We remain committed to our strategy and believe our ability to take market share and leverage our past acquisitions will continue to help offset market challenges. Our 2017 plans continue to indicate growth in both the top and bottom lines, despite expected currency headwinds, with earnings growth in all regions. Overall, I continue to remain confident in our future and expect 2017 to be another good year for Quaker, as we expect to increase non-GAAP earnings and adjusted EBITDA for the eighth consecutive year. In addition, we believe our previously announced intention to combine with Houghton will create long-term sustainable value for our customers and shareholders, and we continue to expect closing by the end of the year or in the first quarter of 2018."

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## First Quarter of 2017 Summary

Net sales in the first quarter of 2017 were $\$ 194.9$ million compared to $\$ 178.1$ million in the first quarter of 2016 . The $\$ 16.8$ million or $9 \%$ increase in net sales was primarily due to a $10 \%$ increase in organic volumes and a $1 \%$ increase from acquisitions, partially offset by a negative impact from foreign currency translation of $2 \%$ or $\$ 2.7$ million.

Gross profit in the first quarter of 2017 increased $\$ 2.9$ million or $4 \%$ from the first quarter of 2016 , primarily due to the increase in sales volumes, noted above, partially offset by a lower gross margin of $36.4 \%$ in the first quarter of 2017 compared to $38.2 \%$ in the prior year quarter. The decrease in the Company's first quarter of 2017 gross margin was attributable to product mix and certain raw material cost increases.

SG\&A decreased $\$ 0.1$ million during the first quarter of 2017 due to the net impact of several factors. Specifically, the Company's SG\&A decreased as a result of certain cost savings efforts, including the 2015 global restructuring program, and decreases due to foreign currency translation, partially offset by additional SG\&A quarter-over-quarter associated with the Company's prior year Lubricor Inc. acquisition and an increase in labor-related costs primarily due to annual compensation increases.

During the first quarter of 2017 , the Company incurred $\$ 9.1$ million or $\$ 0.69$ per diluted share of costs related to its previously announced combination with Houghton, including certain legal, regulatory, environmental, financial, and other advisory and consultant expenses. There were no similar combinationrelated costs incurred in the first quarter of 2016.

Operating income in the first quarter of 2017 was $\$ 13.8$ million compared to $\$ 19.8$ million in the first quarter of 2016 . The decrease in operating income was due to the Houghton combination expenses, noted above, which offset strong volume and gross profit increases on relatively consistent levels of SG\&A not related to the Houghton combination.

Other expense was $\$ 0.1$ million in the first quarter of 2017 compared to other income of $\$ 0.1$ million in the first quarter of 2016 . The increase in other expense was primarily driven by foreign currency transaction losses realized in the first quarter of 2017 compared to foreign currency transaction gains in the first quarter of 2016, partially offset by higher receipts of local municipality-related grants in one of the Company's regions in the current quarter.

Interest expense was $\$ 0.1$ million lower in the first quarter of 2017 compared to the first quarter of 2016 , primarily due to lower average borrowings outstanding in the first quarter of 2017 . Interest income was $\$ 0.2$ million higher in the first quarter of 2017 compared to the first quarter of 2016 , primarily due to an increase in the level of the Company's invested cash in certain regions with higher returns.

The Company's effective tax rates for the first quarters of 2017 and 2016 were $50.8 \%$ and $32.3 \%$, respectively. The Company's first quarter of 2017 effective tax rate includes the impact of the Houghton combination-related expenses, noted above, which were considered non-deductible for the purpose of determining the Company's current quarter effective tax rate. Excluding these non-deductible costs, the Company's current quarter effective tax rate would have been approximately $30 \%$. Comparatively, the first quarter of 2016 effective tax rate was also elevated, as it reflected earnings taxed at one of the Company's subsidiaries at a statutory rate of $25 \%$ while awaiting recertification of a concessionary $15 \%$ tax rate, which the Company received and recorded the full year benefit of during the fourth quarter of 2016. This concessionary tax rate was available to the Company during the first quarter of 2017 . Currently, the Company continues to estimate its full year 2017 effective tax rate will approximate $28 \%$ to $30 \%$, excluding the impact of non-deductible Houghton combination-related expenses, noted above.

Equity in net income of associated companies ("equity income") increased $\$ 0.9$ million in the first quarter of 2017 compared to the first quarter of 2016 . The increase was primarily due to higher earnings from the Company's interest in a captive insurance company in the current quarter.

The Company had a $\$ 0.2$ million increase in net income attributable to noncontrolling interest in the first quarter of 2017 compared to the first quarter of 2016, primarily due to an increase in performance from certain consolidated affiliates in the Company's Asia/Pacific region.

Changes in foreign exchange rates negatively impacted the Company's first quarter of 2017 non-GAAP earnings per diluted share by approximately $3 \%$, or $\$ 0.04$ per diluted share.

## Balance Sheet and Cash Flow Items

The Company's net operating cash flow was $\$ 8.3$ million in the first quarter of 2017 as compared to $\$ 10.9$ million in the first quarter of 2016 . The decrease in net operating cash flow was primarily due to higher cash invested in the Company's working capital as a result of the Company's strong operating performance and volume growth in the current quarter. In addition, the Company paid a $\$ 4.6$ million cash dividend during the first quarter of 2017 . Overall, the Company's liquidity and balance sheet remain strong, as its cash position exceeded its debt at March 31, 2017 by $\$ 24.2$ million and the Company's total debt continued to be less than one times its trailing twelve month adjusted EBITDA.

## Subsequent Event

On April 4, 2017, Quaker entered into a share purchase agreement with Gulf Houghton Lubricants, Ltd. to purchase the entire issued and outstanding share capital of Houghton ("the Combination"). The shares will be bought for aggregate purchase consideration consisting of: (i) $\$ 172.5 \mathrm{million}$ in cash; (ii) a number of shares of common stock, $\$ 1.00$ par value per share, of the Company comprising $24.5 \%$ of the common stock outstanding upon the closing of the Combination; and (iii) the Company's assumption of Houghton's net indebtedness as of the closing of the Combination, which is estimated to be approximately $\$ 690$ million. The total purchase consideration reflects an enterprise value for Houghton of approximately $\$ 1.42$ billion. The Company has secured approximately $\$ 1.15$ billion in commitments from Bank of America Merrill Lynch and Deutsche Bank to fund the Combination and provide additional liquidity. The Company expects to replace these commitments with a syndicated bank agreement with customary terms and conditions during the second quarter of 2017. In addition, the issuance of the Company's shares at closing of the Combination is subject to approval by Quaker's shareholders under the rules of the New York Stock Exchange. The Company expects to seek such approval of the share issuance at a meeting of the Company's shareholders in the near future. Also, the Combination is subject to regulatory approval in the United States, Europe and certain countries in Asia/Pacific. Depending on shareholder and regulatory approval noted above, as well as other customary terms and conditions set forth in the share purchase agreement, Quaker currently estimates closing of the Combination to occur either in the fourth quarter of 2017 or the first quarter of 2018

## Non-GAAP Measures

Included in this public release are two non-GAAP (unaudited) financial measures: non-GAAP earnings per diluted share and adjusted EBITDA. The Company believes these non-GAAP financial measures provide meaningful supplemental information as they enhance a reader's understanding of the financial performance of the Company, are more indicative of future operating performance of the Company, and facilitate a better comparison among fiscal periods, as the non-GAAP financial measures exclude items that are not considered core to the Company's operations. Non-GAAP results are presented for supplemental informational purposes only and should not be considered a substitute for the financial information presented in accordance with GAAP.

The following tables reconcile non-GAAP earnings per diluted share (unaudited) and adjusted EBITDA (unaudited) to their most directly comparable GAAP (unaudited) financial measures:

|  | Three Months Ended March 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| GAAP earnings per diluted share attributable to Quaker Chemical Corporation common shareholders | \$ | 0.52 | \$ | 0.98 |
| Equity income in a captive insurance company per diluted share |  | (0.04) |  | (0.01) |
| Houghton combination-related expenses per diluted share |  | 0.69 |  | - |
| Cost streamlining initiative per diluted share |  | 0.01 |  | - |
| Currency conversion impact of the Venezuelan bolivar fuerte per diluted share |  | - |  | 0.01 |
| Non-GAAP earnings per diluted share | \$ | 1.18 | \$ | 0.98 |


|  | Three Months Ended March 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Net income attributable to Quaker Chemical Corporation | \$ | 6,992 | \$ | 12,946 |
| Depreciation and amortization |  | 4,930 |  | 4,934 |
| Interest expense |  | 656 |  | 741 |
| Taxes on income before equity in net income of associated companies |  | 6,865 |  | 6,305 |
| Equity income in a captive insurance company |  | (592) |  | (52) |
| Houghton combination-related expenses |  | 9,075 |  | - |
| Cost streamlining initiative |  | 286 |  | - |
| Currency conversion impact of the Venezuelan bolivar fuerte |  | - |  | 88 |
| Adjusted EBITDA | \$ | 28,212 | \$ | 24,962 |
| Adjusted EBITDA margin (\%) |  | 14.5\% |  | 14.0\% |

## Forward-Looking Statements

This release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21 E of the Securities Exchange Act of 1934. These forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from those projected in such statements. A major risk is that demand for the Company's products and services is largely derived from the demand for its customers' products, which subjects the Company to uncertainties related to downturns in a customer's business and unanticipated customer production shutdowns. Other major risks and uncertainties include, but are not limited to, significant increases in raw material costs, customer financial stability, worldwide economic and political conditions, foreign currency fluctuations, significant changes in applicable tax rates and regulations, future terrorist attacks and other acts of violence. Other factors, including those related to the previously announced Houghton combination, could also adversely affect us. For more information regarding these risks and uncertainties as well as certain additional risks that we face, you should refer to the Risk Factors detailed in Item 1 A of our 2016 Form 10-K, and in our quarterly and other reports filed from time to time with the Commission. Therefore, we caution you not to place undue reliance on our forward-looking statements. This discussion is provided as permitted by the Private Securities Litigation Reform Act of 1995.

## Conference Call

As previously announced, Quaker Chemical's investor conference call to discuss the first quarter of 2017 results is scheduled for May 2 , 2017 at $8: 30$ a.m. (ET). A live webcast of the conference call, together with supplemental information, can be accessed through the Company's Investor Relations website at https://www.quakerchem.com. You can also access the conference call by dialing 877-269-7756.

## About Ouaker

Quaker Chemical is a leading global provider of process fluids, chemical specialties, and technical expertise to a wide range of industries, including steel, aluminum, automotive, mining, aerospace, tube and pipe, cans, and others. For nearly 100 years, Quaker has helped customers around the world achieve production efficiency, improve product quality, and lower costs through a combination of innovative technology, process knowledge, and customized services. Headquartered in Conshohocken, Pennsylvania USA, Quaker serves businesses worldwide with a network of dedicated and experienced professionals whose mission is to make a difference.

## Quaker Chemical Corporation

## Condensed Consolidated Statements of Income

## (Dollars in thousands, except share and per share data)



## Quaker Chemical Corporation

## Condensed Consolidated Balance Sheets

## (Dollars in thousands, except par value and share amounts)

|  | (Unaudited) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | March 31, |  | December 31, |  |
|  | 2017 |  | 2016 |  |
| ASSETS |  |  |  |  |
| Current assets |  |  |  |  |
| Cash and cash equivalents | \$ | 90,593 | \$ | 88,818 |
| Accounts receivable, net |  | 201,929 |  | 195,225 |
| Inventories, net |  | 87,117 |  | 77,082 |
| Prepaid expenses and other current assets |  | 15,237 |  | 15,343 |
| Total current assets |  | 394,876 |  | 376,468 |
|  |  |  |  |  |
| Property, plant and equipment, net |  | 85,233 |  | 85,734 |
| Goodwill |  | 81,683 |  | 80,804 |
| Other intangible assets, net |  | 71,850 |  | 73,071 |
| Investments in associated companies |  | 24,063 |  | 22,817 |
| Non-current deferred tax assets |  | 22,460 |  | 24,382 |
| Other assets |  | 28,841 |  | 28,752 |
| Total assets | \$ | 709,006 | \$ | 692,028 |
|  |  |  |  |  |
| LIABILITIES AND EQUITY |  |  |  |  |
|  |  |  |  |  |
| Current liabilities |  |  |  |  |
| Short-term borrowings and current portion of long-term debt | \$ | 726 | \$ | 707 |
| Accounts and other payables |  | 90,215 |  | 82,164 |
| Accrued compensation |  | 13,754 |  | 19,356 |
| Accrued restructuring |  | 530 |  | 670 |
| Other current liabilities |  | 33,963 |  | 24,514 |
| Total current liabilities |  | 139,188 |  | 127,411 |
| Long-term debt |  | 65,649 |  | 65,769 |
| Non-current deferred tax liabilities |  | 12,101 |  | 12,008 |
| Other non-current liabilities |  | 70,093 |  | 74,234 |
| Total liabilities |  | 287,031 |  | 279,422 |
|  |  |  |  |  |
| Equity |  |  |  |  |
| Common stock, \$1 par value; authorized $30,000,000$ shares; issued and outstanding 2017-13,290,807 shares; 2016-13,277,832 shares |  | 13,291 |  | 13,278 |
| Capital in excess of par value |  | 112,838 |  | 112,475 |
| Retained earnings |  | 366,819 |  | 364,414 |
| Accumulated other comprehensive loss |  | (81,961) |  | $(87,407)$ |
| Total Quaker shareholders' equity |  | 410,987 |  | 402,760 |
| Noncontrolling interest |  | 10,988 |  | 9,846 |
| Total equity |  | 421,975 |  | 412,606 |
| Total liabilities and equity | \$ | 709,006 | \$ | 692,028 |

## Quaker Chemical Corporation Condensed Consolidated Statements of Cash Flows (Dollars in thousands)

|  | (Unaudited) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Three Months Ended March 31, |  |  |  |
|  | 2017 |  | 2016 |  |
| Cash flows from operating activities |  |  |  |  |
| Net income | \$ | 7,614 | \$ | 13,344 |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |  |
| Depreciation |  | 3,157 |  | 3,157 |
| Amortization |  | 1,773 |  | 1,777 |
| Equity in undistributed earnings of associated companies, net of dividends |  | (829) |  | (27) |
| Deferred compensation and other, net |  | (696) |  | 980 |
| Stock-based compensation |  | 1,153 |  | 1,798 |
| Gain on disposal of property, plant and equipment and other assets |  | (15) |  | (20) |
| Insurance settlement realized |  | (240) |  | (279) |
| Combination-related expenses |  | 9,075 |  | - |
| Pension and other postretirement benefits |  | $(2,263)$ |  | $(2,685)$ |
| (Decrease) increase in cash from changes in current assets and current liabilities, net of acquisitions: |  |  |  |  |
| Accounts receivable |  | $(3,813)$ |  | 2,602 |
| Inventories |  | $(8,820)$ |  | $(1,800)$ |
| Prepaid expenses and other current assets |  | 755 |  | 1,183 |
| Accounts payable and accrued liabilities |  | 2,279 |  | $(8,647)$ |
| Change in combination-related liabilities |  | (660) |  |  |
| Change in restructuring liabilities |  | (148) |  | (509) |
| Net cash provided by operating activities |  | 8,322 |  | 10,874 |
|  |  |  |  |  |
| Cash flows from investing activities |  |  |  |  |
| Investments in property, plant and equipment |  | $(2,531)$ |  | $(2,172)$ |
| Payments related to acquisitions, net of cash acquired |  | - |  | $(1,384)$ |
| Proceeds from disposition of assets |  | 15 |  | 26 |
| Insurance settlement interest earned |  | 9 |  | 8 |
| Change in restricted cash, net |  | 231 |  | 271 |
| Net cash used in investing activities |  | $(2,276)$ |  | $(3,251)$ |
|  |  |  |  |  |
| Cash flows from financing activities |  |  |  |  |
| Proceeds from long-term debt |  | - |  | 14,687 |
| Repayments of long-term debt |  | (474) |  | (159) |
| Dividends paid |  | $(4,583)$ |  | $(4,243)$ |
| Stock options exercised, other |  | (777) |  | (253) |
| Payments for repurchase of common stock |  | - |  | $(5,859)$ |
| Excess tax benefit related to stock option exercises |  | - |  | 104 |
| Net cash (used in) provided by financing activities |  | $(5,834)$ |  | 4,277 |
|  |  |  |  |  |
| Effect of exchange rate changes on cash |  | 1,563 |  | 1,421 |
| Net increase in cash and cash equivalents |  | 1,775 |  | 13,321 |
| Cash and cash equivalents at the beginning of the period |  | 88,818 |  | 81,053 |
| Cash and cash equivalents at the end of the period | \$ | $\underline{90,593}$ | \$ | $\underline{94,374}$ |

## Quaker Chemical Corporation

First Quarter 2017 Results

Investor Conference Call

## Risks and Uncertainties Statement

Reculation $G$
The attached charts include Company information that does not conform to generally accepted accounting principles ("GAAP). Management believes that an analysis of this data is meaningful to investors because it provides insight with respect to ongoing operating results of the Company and allows investors to better evaluate the financial results of the Company. These measures should not be viewed as an alternative to GAAP measures of performance. Furthermore, these measures may not be consistent with similar measures provided by other companies. This data should be read in conjunction with the Companys most recent annual report filed on Form 10 K as well as the first quarter earnings news release dated May 1, 2017, which has been furnished to the SEC on Form $8+K$ and the Company s Form 10-Qfor the quarterly period ended March 31.2017 , which has been filed with the SEC

Forvard-Looking Statements
This presentation contains "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. These forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from those projected in such statements. A major risk is that demand for the Company's products and services is largely derived from the demand for its customers' products, which subjects the Company to uncertainties related to downturns in a customer's business and unanticipated customer production shutdowns. Other major risks and uncertainties include, but are not limited to, significant increases in raw material costs, customer financial stability, worldwide economic and political conditions, foreign currency fluctuations, significant changes in applicable tax rates and regulations, future terrorist attacks and other acts of violence. Other factors, including those related to the previously announced Houghton combination ("the Combination"). could also adversely affect us including, but not limited to:

- the riskthat Quaker shareh olders may not approve the Combination:
- the risk that a required regulatory approval will not be obtained or is subject to conditions that are not anticipated or acceptable to us:
- the potential for regulatory authorities to require divestitures in connection with the Combination, which would result in a smaller than anticipated combined business:
- the risk that a closing condition to the Combination may not be satisfied in a timely manner:
- risks associated with the financing of the Combin ation:
- the occurrence of anyevent, change or other circumstance that could give rise to the termination of the purchase agreement:
- potential adverse effects on Quaker Chemical's business properties or operations caused by the implementation of the Combination:
- Quaker Chemical's ability to promptly. efficiently and effectively integrate Houghton International's operations into those of Quaker Chemical:
- risks related to the disruption of each company's time from ongoing business operations due to the Combination; and,
- the outcome of any legal proceedings that may be instituted against the companies following announcement of the merger agreement and transactions contemplated therein

Therefore, we caution you not to place undue reliance on our forward-looking statements. For more information regarding these risks and uncertainties as well as certain additional risks that we face, you should refer to the Risk Factors detailed in Item 1 Aof our 2016 Form 10 $K$ and in our quarterly and other reports filed from time to time with the Commission. We do not intend to, and we disclaim any duty or obligation to. update or revise any forward-looking statements to reflect new information or future events or for any other reason. This discussion is provided as permitted by the Frivate Securities Litigation Reform Act of 1995.

# Michael F. Barry <br> Chairman of the Board, Chief Executive Officer \& President 

Mary Dean Hall<br>Vice President, Chief Financial Officer \& Treasurer

## Robert T. Traub

Vice President, General Counsel \& Corporate Secretary

## Chart \#1

First Quarter 2017 Headlines

- Strong organic volume growth of 10\% drives a net sales increase of 9\% despite continued FX headwinds
- Net income of $\mathbf{\$ 7 . 0}$ million and earnings per diluted share of $\mathbf{\$ 0 . 5 2}$ reflect costs related to the Houghton combination, which was previously announced on April 5, 2017
- Non-GAAP earnings per diluted share increases 20\% to \$1.18
- Solid operating leverage drives a 13\% increase in adjusted EBITDA to $\mathbf{\$ 2 8 . 2}$ million

Chart \#2

## Chairman Comments

First Quarter 2017

## - First Quarter 2017

$\checkmark \quad$ Net sales growth driven primarily by increases in organic volume as well as contributions from the prior year Lubricor acquisition, which offset the continued negative impact from foreign exchange
$\checkmark$ Consistent levels of SG\&A on strong volume growth helped offset higher raw material costs and the related decline in gross margin quarter-over-quarter
$\checkmark$ Strong operating performance leads to quarterly non-GAAP EPS increase of 20\% and adjusted EBITDA increase of 13\%, despite a negative foreign exchange impact of $3 \%$

## - 2017 Outlook

$\checkmark$ Positive - Expect market share gains and leveraging of past acquisitions will continue to help offset market challenges
$\checkmark \quad$ Negative- Expect foreign exchange and raw materials to continue to be headwinds, though these may ratably decline as the year progresses

Overall, we remain confident in our future and expect 2017 to be another good year for Quaker, as we expect to increase non-GAAP earnings and adjusted EBITDA for the eighth consecutive year

Chart \#3

## Financial Highlights

First Quarter 2017

It's what's inside that counts:

- Net sales growth driven by a $\mathbf{1 0 \%}$ increase in organic volume and a $\mathbf{1 \%}$ increase from Lubricor, partially offset by a negative impact from foreign currency translation of $2 \%$
- Gross profit increased 4\% due to the increase in sales volumes, partially offset by a lower gross margin of $36.4 \%$ compared to $\mathbf{3 8 . 2} \%$ in the prior period, attributable to product mix and raw material cost increases
- Operating margin benefited from a consistent level of SG\&A on strong volume growth in the quarter
- Net income includes Houghton combination-related expenses of $\$ 9.1$ million or $\$ 0.69$ per diluted share, which were considered non-deductible for tax and was the driver of the $50.8 \%$ effective tax rate in the quarter
- Strong operating performance drove quarterly Non-GAAP earnings per diluted share increase of $\mathbf{2 0 \%}$ to $\mathbf{\$ 1 . 1 8}$ and adjusted EBITDA increase of $\mathbf{1 3} \%$ to $\mathbf{\$ 2 8 . 2}$ million, despite a negative foreign exchange impact of $\mathbf{3 \%}$
- Net operating cashflow of $\$ 8.3$ million compared to $\mathbf{\$ 1 0 . 9}$ million in the prior period due to higher cash invested in working capital primarily due to improved volumes in the quarter

Chart \#4

Financial Snapshot

| (\$ Millions unless otherwise noted) | Q1 2017 | Q1 2016 |
| :--- | ---: | ---: |
| Net Sales | 194.9 | 178.1 |
| Gross Margin | $36.4 \%$ | $38.2 \%$ |
| Operating Income | 13.8 | 19.8 |
| Operating Margin | $7.1 \%$ | $11.1 \%$ |
| Net Income Attributable to Quaker Chemical Corporation | 7.0 | 12.9 |
| Earnings Per Diluted Share | 0.52 | 0.98 |
| Non-GAAP Earnings Per Diluted Share | 1.18 | 0.98 |
| Adjusted EBITDA | 28.2 | 25.0 |
| Adjusted EBITDA Margin | $14.5 \%$ | $14.0 \%$ |
| Net (Cash) Debt | $\mathbf{( 2 4 . 2 )}$ | 3.9 |
| Net Operating Cash Flow | 8.3 | 10.9 |
| Effective Tax Rate | $50.8 \%$ | $32.3 \%$ |

Chart \#5

## Product Volume by Quarter and Year

 in Thousands of Kilograms

Strong organic volume increases continue to drive top line growth
Chart \#6

## Gross Margin Percentage Trends




Quarterly gross margin lower on product mix and certain raw material cost increases
Chart \#7

## Adjusted EBITDA

Baseline Historical Performance


## Balance Sheet

Cash and Debt


Chart \#9
Q) Quaker


## Non-GAAP EPS Reconciliation

|  | Q1 2017 | Q1 2016 |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | $\$$ | 0.52 | $\$$ | 0.98 |
| GAAP earnings per diluted share | $\$$ | $(0.04)$ | $\$$ | $(0.01)$ |
| Equity income in a captive insurance company <br> per diluted share |  |  |  |  |
| Houghton combination-related expenses per <br> diluted share | $\$$ | 0.69 | $\$$ | - |
| Cost streamlining initiative per diluted share | $\$$ | 0.01 | $\$$ | - |
| Currency conversion impact of the Venezuelan <br> bolivar fuerte per diluted share | $\$$ | - | $\$$ | 0.01 |
|  | $\$$ |  |  |  |
| Non-GAAP earnings per diluted share | $\$$ | 1.18 | $\$$ | 0.98 |

## Adjusted EBITDA Reconciliation

|  | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income | 9,833 | 16,058 | 32,120 | 45,892 | 47,405 | 56,339 | 56,492 | 51,180 | 61,403 |
| Depreciation | 10,879 | 9,525 | 9,867 | 11,455 | 12,252 | 12,339 | 12,306 | 12,395 | 12,557 |
| Amortization | 1,177 | 1,078 | 988 | 2,338 | 3,106 | 3,445 | 4,325 | 6,811 | 7,009 |
| Intrestexpense | 5,509 | 5,533 | 5225 | 4,666 | 4283 | 2,922 | 2,371 | 2,585 | 2,889 |
| Tayes on income before equityin net income of associated |  |  |  |  |  |  |  |  |  |
| companies | 4,977 | 7,065 | 12,616 | 14.256 | 15,575 | 20,489 | 23,539 | 17,785 | 23,226 |
| Equityloss (income) from a captive insurance company | 1,299 | 162 | (313) | (2,323) | $(1,812)$ | (5,451) | $(2,412)$ | $(2,078)$ | $(1,688)$ |
| Noncash gain from the purchase of an equityaffiliate | - | - | - | (2,718) | - | - | - | - | - |
| Equityaffiliate out ofperiod charge | - | - | 564 | - | - | - | - | - | - |
| Restruduringexpense (credit) | 2,916 | 2289 | - | - | - | - | - | 6,790 | (439) |
| Transition costs related to keyemplojees | 3,505 | 2,443 | 1,317 | - | 609 | - | - | - | - |
| Houghton combinationrelated expenses | - | - | - | - | - | - | - | - | 1,531 |
| Verkol transadionrelated expenses | - | - | - | - | - | - | - | 2,813 | - |
| UK. pension plan amendment | - | - | - | - | - | - | 902 | - | - |
| Qustomer bankuptcycosts | - | - | - | - | 1254 | - | 825 | 328 | - |
| Costs steamininginitatives | - | - | - | - | - | 1,419 | 1,166 | 173 | - |
| Nonincome tax contingencycharge | - | - | 4,132 | - | - | 796 | . | - | - |
| Change in acquisitionelated eamout liability | - | - | - | (595) | (1,737) | (497) | - | - | - |
| Mineral oil exdse tax refund | - | - | - | - | - | (2,540) | - | - | - |
| Qarrency conversion impads of the Venezuelan Bolivar | - | - | 322 | - | - | 357 | 321 | 2,806 | 88 |
| Adjusted EBITAA | 40,095 | 44,153 | 66,838 | 72,971 | 80,935 | 89,618 | 99,835 | 101,588 | 106,576 |
| Adjusted EBrILAMargin | 69\% | 9.8\% | 12.3\% | 10.7\% | 11.4\% | 12.3\% | 13.0\% | 13.8\% | 14.3\% |

Chart \#11

## TTM Adjusted EBITDA Reconciliation

|  | $\begin{gathered} \hline \mathrm{I}=\mathrm{G}+\mathrm{H} \\ \text { Trailing } \\ \text { Tive ive } \\ \text { Morths } \mathrm{Q} \\ 2017 \\ \hline \end{gathered}$ | H <br> YTDQ1 <br> 2017 | $\begin{aligned} & \text { G=F-D } \\ & \text { last Nine } \\ & \text { Morths } \\ & 2016 \\ & \hline \end{aligned}$ | F <br> FY 2016 | $\begin{array}{\|c\|} \hline E=C+D \\ \text { Trailing } \\ \text { Twelve } \\ \text { Morths Q1 } \\ 2016 \end{array}$ | D <br> YTDQ <br> 2016 | $\begin{aligned} & \text { C=B-A } \\ & \text { Last Nine } \\ & \text { Mlonths } \\ & 2015 \end{aligned}$ | B FY2015 | $\begin{gathered} A \\ \\ \text { YTDQ1 } \\ 2015 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Netinome | 55,449 | 6，992 | 48，457 | 61，403 | 53，748 | 12，946 | 40，802 | 51，180 | 10，378 |
| Lepreadion | 12，557 | 3，157 | 9，400 | 12，557 | 12，481 | 3，157 | 9，324 | 12，395 | 3，071 |
| Anotization | 7，005 | 1，773 | 5232 | 7，009 | 6,961 | 1，777 | 5，184 | 6，811 | 1，627 |
| Interestexpense | 2,804 | 656 | 2，148 | 28899 | 2739 | 741 | 1，998 | 2，585 | 587 |
| Taxesoninome befreequtyinne inmmeofassocated immanies | 23，788 | 6，865 | 16,921 | 23226 | 18，731 | 6，305 | 12，426 | 17，785 | 5，359 |
| Equityinome foma captivinsuranc umpeny | （2228） | （592） | $(1,636)$ | （1，688） | $(1,335)$ | （52） | （1283） | （2，078） | （795） |
| Pestuduing（cedit）expense | （439） | － | （439） | （439） | 6，790 | － | 6，790 | 6，790 | － |
| Hougton ©mbination－elated experses | 10，606 | 9，075 | 1，531 | 1，531 | ． | － | ． | ． | － |
| Vekrd tansadion－elated expenses | － | － | － | － | 2,813 | － | 2,813 | 2,813 | － |
| astomerbankuptyosts | － | － | － | － | 328 | － | 328 | 328 | － |
| Cost stremininginitiatives | 286 | 286 | － | － | － | － | ． | 173 | 173 |
| Arency onuersion impats of the Venezuelan boliveriuete | － | － | － | 88 | 88 | 88 | － | 2,806 | 2，806 |
| Agusted | 109，826 | 28212 | 81，614 | 106，576 | 103，344 | 24，962 | 78，382 | 101，588 | 23206 |
| Ajusted $⿴ 囗 十$ ITAM ${ }^{\text {agin }}$ | 14．4\％ | 14．5\％ | 14．4\％ | 14.33 | 14．1\％ | 14．0\％ | 14．1\％ | 13．8\％ | 12.83 |

Chart \＃12

