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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

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

Date of report (date of earliest event reported): April 21, 2006

ACME UNITED CORPORATION
(Exact name of registrant as specified in its charter)

Connecticut (State or other jurisdiction of incorporation or organization)	001-07698 (Commission file number)	06-0236700 (I.R.S. Employer Identification No.)
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60 Round Hill Road, Fairfield, Connecticut (Address of principal executive offices)	06824 (Zip Code)
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Registrant's telephone number, including area code: (203) 254-6060

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))

ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On April 21, 2006, Acme United Corporation (the "Company") issued a press release announcing its financial results for the three months ended March 31, 2006. A copy of the press release is attached as Exhibit 99.1 to this current report.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(c) Exhibits

Exhibit Number -----	Description -----
99.1	Press release dated April 21, 2006.

SIGNATURES

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

ACME UNITED CORPORATION

By /s/ WALTER C. JOHNSEN

Walter C. Johnsen
President and
Chief Executive Officer

Dated: April 21, 2006

By /s/ PAUL G. DRISCOLL

Paul G. Driscoll
Vice President and
Chief Financial Officer

Dated: April 21, 2006

EXHIBIT INDEX

Exhibit Number -----	Description -----
99.1	Press release dated April 21, 2006.

CONTACT: Paul G. Driscoll
Acme United Corporation
20 Round Hill Road Fairfield, CT 06824
Phone: (203) 254-6060 FAX: (203) 254-6521

FOR IMMEDIATE RELEASE April 21, 2006

ACME UNITED CORPORATION REPORTS 16% SALES GROWTH

FAIRFIELD, CONN. - April 21, 2006 - Acme United Corporation (AMEX:ACU) today announced that net sales for the quarter ended March 31, 2006 were \$12.3 million compared to \$10.6 million in the comparable period of 2005, an increase of 16%.

Net income was \$760,000 or \$.20 per diluted share for the first quarter ended March 31, 2006 compared to \$650,000 or \$.17 per diluted share for the comparable period last year an increase of 17%. During the first quarter of 2006, the Company began expensing the fair value of stock options in accordance with the new SFAS 123R accounting rule. This accounting change reduced first quarter net income by \$66,000.

Net sales for the first quarter in the U.S. segment increased 19% as the result of a sales initiative with a large warehouse club chain and the initiation of a continuing program at a global superstore. Sales in Europe and Canada increased by 5% in both U.S. dollars and local currency.

Gross margins were 45.3% in the first quarter of 2006 versus 45.9% in the first quarter of 2005. The lower margin in 2006 is due to expedited freight costs and other one time expenses associated with the launch of a new program to a global customer in Europe.

Walter C. Johnsen, President and CEO said, "Acme United had solid sales growth in the first quarter, and it is rewarding to see our products on the shelves of new customers. We anticipate continued growth during the year as our new programs are fully implemented."

The Company's bank debt on March 31, 2006 was \$7.8 million compared to \$2.0 million on March 31, 2005. The increase in bank debt was primarily used in the funding of additional inventory amounting to \$5.2 million and repurchases of Acme stock of \$2.6 million. We increased inventory earlier this year in order to minimize air freight costs during our back to school season. We expect inventory levels to normalize in the second half of 2006.

(1)

ACME UNITED CORPORATION is a leading worldwide supplier of innovative cutting, measuring and safety products to the school, home, office and industrial markets.

Forward-looking statements in this earnings release, included without limitation, statements related to the Company's plans, strategies, objectives, expectations, intentions and adequacy of resources. Investors are cautioned that such forward-looking statements involve risks and uncertainties including without limitation the following: (i) the Company's plans, strategies, objectives, expectations and intentions are subject to change at any time at the discretion of the Company; (ii) the Company's plans and results of operations will be affected by the Company's ability to manage its growth, and (iii) other risks and uncertainties indicated from time to time in the Company's filings with the Securities and Exchange Commission.

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(2)

Amounts in \$000's except per share data	Quarter Ended March 31, 2006 (Unaudited)	Quarter Ended March 31, 2005 (Unaudited)
Net sales	\$ 12,257	\$ 10,583
Gross profit	5,552	4,861
Selling, general, and administrative expenses	4,259	3,719
Interest expense	125	13
Other (income) expense	(76)	49
Pre-Tax income	1,245	1,080
Income tax expense	485	430
Net income	760	650
Earnings per share basic	0.22	0.19
Earnings per share diluted	0.20	0.17

(3)

ACME UNITED CORPORATION
CONDENSED CONSOLIDATED BALANCE SHEET
FIRST QUARTER REPORT 2006
(Unaudited)

Amounts in \$000's

Assets	March 31, 2006	March 31, 2005
Current assets:		
Cash	\$ 990	\$ 1,006
Accounts receivable, net	9,567	8,013
Inventories	14,374	9,207
Prepaid and other current assets	1,307	843
Total current assets	26,238	19,069
Property and equipment, net	2,632	2,068
Other assets	1,572	769
Total assets	\$ 30,442	\$ 21,906
Liabilities and stockholders' equity		
Current liabilities		
Accounts payable	\$ 2,582	\$ 2,150
Other current liabilities	4,277	2,995
Total current liabilities	6,859	5,146
Long-Term debt	7,795	2,048
Other non current liabilities	1,037	550
Total stockholders' equity	15,691	7,744
	14,752	14,162
Total liabilities and stockholders' equity	\$ 30,442	\$ 21,906

(4)