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): August 14, 2003

CABOT CORPORATION

(Exact name of registrant as specified in its charter)

DELAWARE (State or other jurisdiction of incorporation) 1-5667 (Commission File Number) 04-2271897 (IRS Employer Identification No.)

TWO SEAPORT LANE, SUITE 1300, BOSTON, MASSACHUSETTS 02210-2019 (Address of principal executive offices) (Zip Code)

(617) 345-0100 (Registrant's telephone number, including area code)

TABLE OF CONTENTS

<u>Item 7. Financial Statements and Exhibits.</u>
<u>Item 12. Results of Operations and Financial Condition.</u>

SIGNATURES

INDEX TO EXHIBIT
Ex-99.1 Press release, dated August 14, 2003

Table of Contents

Item 7. Financial Statements and Exhibits.

(c) Exhibits

99.1 — Press release issued by Cabot Corporation on August 14, 2003.

Item 12. Results of Operations and Financial Condition.

On August 14, 2003, Cabot Corporation issued a press release correcting its third quarter earnings per share calculation. A copy of the press release is furnished herewith as Exhibit 99.1.

Table of Contents

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.

CABOT CORPORATION

By: /s/ David J. Elliott

Name: David J. Elliott Title: Controller

Date: August 14, 2003

Table of Contents

INDEX TO EXHIBIT

Exhibit

<u>Number</u> <u>Title</u>

99.1 Press release issued by Cabot Corporation on August 14, 2003.

Contact: James P. Kelly Director, Investor Relations (617) 342-6244

FOR IMMEDIATE RELEASE

CABOT CORRECTS THIRD QUARTER EPS CALCULATION, FROM (\$0.07) TO (\$0.09), YEAR-TO-DATE UNCHANGED

BOSTON, MA (August 14, 2003) – Cabot Corporation (CBT/NYSE) today announced that its loss of \$5 million for the third quarter ended June 30, 2003 represents a (\$0.09) loss per fully diluted common share rather than (\$0.07) as previously reported. Common stock equivalents were incorrectly included in the original diluted earnings per share calculation when they should not have been, as Cabot reported a loss for the quarter. As a result of the correction, the dilutive weighted average shares outstanding decreased from 70 million to 59 million for the quarter.

Using the lower weighted average shares outstanding, the quarterly diluted per share impact of the \$46 million of certain charges and income from discontinued operations reported during the third quarter increases from (\$0.49) per diluted common share to (\$0.57) per diluted common share.

The nine month year to date results of \$52 million, or \$0.74 per diluted common share, do not change because the Company reported income for the nine month period. Accordingly, the weighted average diluted shares outstanding for the nine month period ended June 30, 2003 remains at 70 million, as previously reported.

Cabot Corporation is a global specialty chemicals company headquartered in Boston, MA. Cabot's major products are carbon black, fumed silica, inkjet colorants, capacitor materials, and cesium formate drilling fluids.