

BSD MEDICAL CORP  
Form 8-K  
March 31, 2009

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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) March 31, 2009

BSD MEDICAL CORPORATION  
(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation)

0-10783  
(Commission File Number)

75-1590407  
(IRS Employer Identification)

2188 West 2200 South  
Salt Lake City, Utah 84119  
(Address of principal executive offices, including Zip Code)  
Registrant's telephone number, including area code: (801) 972-5555

N/A  
(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))
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Item 7.01 Regulation FD Disclosure.

BSD Medical Corporation issued a press release on March 31, 2009. A copy of the press release is hereby furnished as Exhibit 99.1 attached hereto.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.1 Press Release of BSD Medical Corporation dated March 31, 2009

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.

Dated: March 31, 2009

By: /s/ Hyrum A. Mead  
Hyrum A. Mead  
President

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EXHIBIT INDEX

| Exhibit No. | Description  |
|-------------|--|
| <u>99.1</u> | <u>Press Release of BSD Medical Corporation dated March 31, 2009</u> |

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