

Emergent BioSolutions Inc.  
Form 4  
October 18, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Michigan Biologic Products, Inc.

2. Issuer Name and Ticker or Trading Symbol  
Emergent BioSolutions Inc. [EBS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
5723 DELTA RIVER DRIVE

3. Date of Earliest Transaction  
(Month/Day/Year)  
10/16/2007

\_\_\_\_ Director  
\_\_\_\_ Officer (give title below)  10% Owner  
\_\_\_\_ Other (specify below)  
Member 13(d) group owning >10%

(Street)  
LANSING, MI 48906

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	10/16/2007		S <sup>(1)</sup>	100 D	\$ 9.81	1,608,142	D
Common Stock	10/16/2007		S <sup>(1)</sup>	1,800 D	\$ 9.82	1,606,342	D
Common Stock	10/16/2007		S <sup>(1)</sup>	100 D	\$ 9.83	1,606,242	D
Common Stock	10/16/2007		S <sup>(1)</sup>	1,300 D	\$ 9.84	1,604,942	D
Common Stock	10/16/2007		S <sup>(1)</sup>	1,900 D	\$ 9.85	1,603,042	D

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Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	200	D	\$ 9.86	1,602,842	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	1,000	D	\$ 9.87	1,601,842	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	2,500	D	\$ 9.88	1,599,342	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	2,300	D	\$ 9.89	1,597,042	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	22,900	D	\$ 9.9	1,574,142	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	1,800	D	\$ 9.91	1,572,342	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	2,000	D	\$ 9.92	1,570,342	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	2,900	D	\$ 9.93	1,567,442	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	1,000	D	\$ 9.94	1,566,442	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	100	D	\$ 9.945	1,566,342	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	500	D	\$ 9.95	1,565,842	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	100	D	\$ 9.955	1,565,742	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	600	D	\$ 9.96	1,565,142	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	700	D	\$ 9.97	1,564,442	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	500	D	\$ 10	1,563,942	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	100	D	\$ 10.01	1,563,842	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	300	D	\$ 10.02	1,563,542	D
Common Stock	10/16/2007	<u>S<sup>(1)</sup></u>	300	D	\$ 10.04	1,563,242	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

Michigan Biologic Products, Inc.  
5723 DELTA RIVER DRIVE  
LANSING, MI 48906

Member 13(d) group owning >10%

## Signatures

/s/ Carl A. Valenstein, attorney  
in fact

10/18/2007

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 8, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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