ECOLAB INC. Form 4 August 12, 2016

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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may continue.

See Instruction

Check this box

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

Washington, D.C. 20549

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * BAKER DOUGLAS M JR			2. Issuer Name and Ticker or Trading Symbol ECOLAB INC. [ECL]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
370 WABASH	IA STREET	NORTH	(Month/Day/Year) 08/10/2016	_X_ Director 10% Owner Specify below) Other (specify below) Chairman and CEO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SAINT PAUL	, MN 55102		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tal	ble I - Non	-Derivative	Secur	ities Acquir	ed, Disposed of,	or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	onDisposed o (Instr. 3, 4	f (D) and 5) (A) or		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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	08/10/2016		Code V M	Amount 210,500	(D)	Price \$ 35.63	589,852	D	
Common Stock	08/10/2016		F(1)	133,096	D	\$ 122.805	456,756	D	
Common Stock							19,215	I	By Wife
Common Stock							72,500	I	By Douglas M. Baker, Jr. Irrevocable Trust

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Common Stock Stoc

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

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SEC 1474

(9-02)

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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	0)		7. Title and Amour Underlying Securi (Instr. 3 and 4)	
Employee				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo Num Shar
Employee Stock Option (Right to	\$ 35.63	08/10/2016		M	210,500	12/03/2009(3)	12/03/2018	Common Stock	210

Reporting Owners

Reporting Owner Name / Address	Keiauonsnips					
	Director	10% Owner	Officer	Other		
BAKER DOUGLAS M JR 370 WABASHA STREET NORTH SAINT PAUL, MN 55102	X		Chairman and CEO			

Signatures

Buy)

/s/ David F. Duvick, Attorney-in-Fact for Douglas M.
Baker, Jr.

08/12/2016

**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) Reflects the reporting person's payment of the exercise price and withholding taxes for a stock option issued in accordance with Rule 16b-3 by delivering or withholding shares of Ecolab common stock.

(2)

Reporting Owners 2

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Number of UNITS in the Ecolab Stock Fund of the Ecolab Savings Plan (401(k) Plan) as of July 31, 2016. Includes 31.830 UNITS acquired since the reporting person's last report. (The 5,440.315 UNITS are the equivalent of approximately 10,037 SHARES of the issuer's Common Stock.)

Option granted under the Ecolab Inc. 2005 Stock Incentive Plan on December 3, 2008. The option became exercisable, on a cumulative (3) basis, as to one-third of the option shares (excluding any fractional portion less than one share), on each of the first and second anniversaries of the date of grant and as to the remaining option shares on the third anniversary of the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.