ECOLAB INC. Form 4 August 08, 2016

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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 * SCHMECHEL DANIEL J			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	(Shoon an applicable)			
			(Month/Day/Year)	Director 10% Owner			
370 WABASHA STREET NORTH			08/04/2016	X Officer (give title Other (specify below) Chief Financial Officer			
(6,)							
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
SAINT PAUL, MN 55102				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative	ired, 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. Transactic Code (Instr. 8)	ransaction Disposed of (D) ode (Instr. 3, 4 and 5) nstr. 8) (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	08/04/2016		M	21,500	A	\$ 49.42	131,845.962	D	
Common Stock	08/04/2016		F(1)	14,603	D	\$ 122.095	117,242.962	D	
Common Stock	08/04/2016		M	34,400	A	\$ 35.63	151,642.962	D	
Common Stock	08/04/2016		F(1)	21,121	D	\$ 122.095	130,524.422 (2)	D	
Common Stock							2,795.56 (3)	I	By Ecolab Savings

Plan

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. Transactic Code (Instr. 8)	5. Number of ionDerivative 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 Underlying Securition (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option	\$ 49.42	08/04/2016		M		21,500	12/05/2008(4)	12/05/2017	Common Stock	21,5
Common Stock	\$ 35.63	08/04/2016		M		34,400	12/03/2009(5)	12/03/2018	Common Stock	34,4

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SCHMECHEL DANIEL J 370 WABASHA STREET NORTH SAINT PAUL, MN 55102

Chief Financial Officer

Signatures

/s/David F. Duvick, Attorney-in-fact for Daniel J. Schmechel

08/08/2016

**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 witholding 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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The total includes 1.261 shares acquired on April 20, 2016 and 1.199 shares acquired on July 20, 2016 by dividend reinvestment under the Dividend Reinvestment Plan for shareholders of Ecolab sponsored by Computershare Trust Company, N.A.

- (3) Number of UNITS in the Ecolab Stock Fund of the Ecolab Savings Plan (401(k) Plan) as of July 31, 2016. (The 2,795.560 UNITS are the equivalent of approximately 5,154 shares of the issuer's Common Stock.)
- Option granted under the Ecolab Inc. 2005 Stock Incentive Plan on December 5, 2007. The option became exercisable, on a cumulative (4) 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 shares on the third anniversary of the date of grant.
- Option granted under the Ecolab Inc. 2005 Stock Incentive Plan on December 3, 2008. The option became exercisable, on a cumulative (5) 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 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.