ECOLAB INC Form 3 May 16, 2014			
FORM 3	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549	OMB AF OMB Number:	PROVAL 3235-01

INITIAL STATEMENT OF 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

104 Number: January 31, Expires: 2005 Estimated average burden hours per response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Aronson Martha Goldberg		2. Date of Event RequiringStatement(Month/Day/Year)	³ 3. Issuer Name and Ticker or Trading Symbol ECOLAB INC [ECL]				
(Last)	(First)	(Middle)	05/08/2014		4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
370 WABAS NORTH	SHA STRI	EET		(Check all applicable)			
(Street) SAINT PAUL, MN 55102			Director 10% Owner X Officer Other (give title below) (specify below) EVP & PresGlobal Healthcare		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Beneficially Owned				neficially Owned
1.Title of Secur (Instr. 4)	rity		2. Amount o Beneficially (Instr. 4)	of Securities v Owned	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		ture of Indirect Beneficial ership . 5)
Common Sto	ock		1,646		D	Â	
Common Stock		4,000		Ι	By Martha G. Aronson Revocabl Trust		

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
Security	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial
(Instr. 4)	(Month/Day/Year)	Derivative Security	or Exercise	Form of	Ownership

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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Restricted Stock Units	(1)	(1)	Common Stock	4,960	\$ <u>(1)</u>	D	Â
Employee Stock Option (Right to Buy)	08/01/2013 <u>(2)</u>	08/01/2022	Common Stock	31,000	\$ 65.595	D	Â
Employee Stock Option (Right to Buy)	12/05/2013 <u>(3)</u>	12/05/2022	Common Stock	19,600	\$ 71.54	D	Â
Employee Stock Option (Right to Buy)	12/04/2014(4)	12/04/2023	Common Stock	13,990	\$ 103.265	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Aronson Martha Goldberg 370 WABASHA STREET NORTH SAINT PAUL, MN 55102	Â	Â	EVP & PresGlobal Healthcare	Â			

Signatures

David F. Duvick, as Attorney-in-Fact for Martha Goldberg Aronson	05/16/2014
**Signature of Reporting Person	Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).

Award granted under the Ecolab Inc. 2010 Stock Incentive Plan on August 1, 2012. Each restricted stock unit represents a contingent
(1) right to receive one share of Ecolab Inc. common stock. The units will vest, subject to continued employment, as to 2,480 units on the second anniversary of the date of grant and as to the remaining 2,480 units on the third anniversary of the date of grant.

Option granted under the Ecolab Inc. 2010 Stock Incentive Plan on August 1, 2012. The option will become exercisable, on a cumulative(2) 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. 2010 Stock Incentive Plan on December 5, 2012. The option will become exercisable, on a(3) cumulative 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. 2010 Stock Incentive Plan on December 4, 2013. The option will become exercisable, on a

(4) cumulative 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.