

1677-190

4-14-1999

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401

"M" St., S.W.

Washington, D.C. 20460

EPA Reg. Number:

1677-190

Date of Issuance:

APR 14 1999

Term of Issuance

CONDITIONAL

Name of Pesticide Product:

CoolingCare 2915

NOTICE OF PESTICIDE:

- Registration
- Re-registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ecolab, Inc.  
370 Wabasha Street, North  
St. Paul, MN 55102

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/re-registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Add the phrase EPA Registration Number "EPA Reg. No. "1677-190".

Signature of Approving Official:

Marshall Swindell *M Swindell*  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Date

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3. If the Reverse Osmosis use directions are not incorporated on the label, but are incorporated as a package insert, hang tag, or technical bulletin, they must have a formal title and this title must be used on the main label as well as the package insert, hang tag, or technical bulletin.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label showing "Accepted With Comments" is enclosed for your records.

If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443.

Sincerely,



Marshall Swindell  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Enclosure

# CoolingCare 2915

A MICROBIOCIDAL FOR USE IN CONTROLLING SLIME FORMING BACTERIA, SULFATE - REDUCING BACTERIA, FUNGI AND ALGAE IN AIR WASHERS, AND HEAT TRANSFER SYSTEMS - A SANITIZER FOR USE IN ULTRA FILTRATION (NON-FOOD CONTACT) AND NO USE REVERSE OSMOSIS (RO) MEMBRANES AND THEIR ASSOCIATED DISTRIBUTION SYSTEMS.

## ACTIVE INGREDIENTS:

Peroxyacetic acid..... 15.0%

Hydrogen peroxide..... 11.0%

INERT INGREDIENTS..... 74.0%

TOTAL 100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS - HAZARDS TO HUMAN AND DOMESTIC ANIMALS

**CORROSIVE:** Causes severe eye damage and skin burns. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear chemical goggles, rubber gloves, and protective clothing if handling concentrate. Wash thoroughly with soap and water after handling. Remove any contaminated clothing and wash before re-use.

### STATEMENT OF PRACTICAL TREATMENT

**IF ON SKIN:** Immediately wash with plenty of soap and water. Get medical attention.

**IF IN EYES:** Flush immediately with cold water. Remove contact lenses. Hold eyelids open and flush with water for 15 minutes. Get medical attention immediately.

**IF SWALLOWED:** DO NOT induce vomiting. Immediately drink large quantities of water. Avoid alcohol. Never give anything by mouth to an unconscious person. CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

### FOR EMERGENCY MEDICAL INFORMATION CALL TOLL FREE: 1-800-328-0028

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### PHYSICAL AND CHEMICAL HAZARDS:

Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to the label instructions. Never bring concentrate in contact with other sanitizers, cleaners, or organic substances.

**ENVIRONMENTAL HAZARDS:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FOR COMMERCIAL OR INSTITUTIONAL USE ONLY  
STRONG OXIDIZING AGENT

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### RECIRCULATING COOLING WATER AND HEAT TRANSFER SYSTEMS

Examples of heat transfer systems are Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, Cooling Canals, Pasteurizers, Tunnel Coolers and Warmers, Closed and Once Through Cooling Systems and Cow Water Systems. For control of bacteria, algae and fungi in recirculating cooling water systems add CoolingCare 2915 to the lower basin, distribution box or some other point to insure uniform mixing. For heat transfer systems, the product should be added to the system at a point of uniform mixing such as a basin area, sump area or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

#### INTERMITTENT OR SLUG METHOD

**INITIAL DOSE -** When the system is noticeably fouled apply 50 to 150 ppm CoolingCare 2915 (0.42 to 1.25 pounds per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**SUBSEQUENT DOSE -** When microbial control is evident add 20 to 80 ppm CoolingCare 2915 (0.17 to 0.66 pounds per 1,000 gallons of water in the system) weekly or as needed to maintain microbial control. Badly fouled systems must be cleaned before treatment is begun.

#### CONTINUOUS FEED METHOD

**INITIAL DOSE -** When the system is noticeably fouled apply 80 to 150 ppm CoolingCare 2915 (0.66 to 1.25 pounds per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**SUBSEQUENT DOSE -** Maintain this treatment level by starting a continuous feed of 40 to 100 ppm CoolingCare 2915 (0.34 to 0.85 pounds per 1,000 gallons water lost by blowdown). Badly fouled systems must be cleaned before treatment is begun.

**AIR WASHER SYSTEMS -** To control bacteria, fungi and algae in industrial air washer systems. Add to the Air Washer sump or Chill Water or Coil Spray Water to insure uniform mixing.

#### CONTINUOUS FEED METHOD

**INITIAL DOSE -** When the system is noticeably fouled apply 100 to 1000 ppm CoolingCare 2915 (0.83 to 8.3 pounds per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**SUBSEQUENT DOSE -** Maintain this treatment level by starting a continuous feed of 40 to 600 ppm CoolingCare 2915 (0.34 to 5.1 pounds per 1,000 gallons water lost by blowdown). Badly fouled systems must be cleaned before treatment is begun.

**AIR AND GAS SCRUBBER SYSTEMS -** To control bacteria, fungi and algae in these water systems. This product should be added to the system at a convenient point of mixing.

#### CONTINUOUS FEED METHOD

**INITIAL DOSE -** When the system is noticeably fouled apply 500 to 3000 ppm CoolingCare 2915 (4.2 to 25 pounds per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**SUBSEQUENT DOSE -** Maintain this treatment level by starting a continuous feed of 300 to 3000 ppm CoolingCare 2915 (2.5 to 25 pounds per 1,000 gallons water lost by blowdown). Badly fouled systems must be cleaned before treatment is begun.

[If applicable, the following statement will appear on the label. See package inert (or hang tag or technical bulletin) for additional direction for use.]

### STORAGE AND

DO NOT CONTAMINATE

**STORAGE:** Product is an explosion hazard.

**PESTICIDE DISPOSAL:** disposal of excess pest

Federal law. If these w

instructions, contact yo

Agency, or the Hazard

Office for guidance.

**CONTAINER DISPOSAL:**

equivalent). Then offer

of in a sanitary landfill,

authorities, by burning,

that the tote is empty.

return.

Manufactured by:

**ECOLAB**

783963/5301/0597

FOOD & BEVERAGE DIVISION  
Ecolab Inc.  
370 Wabasha Street  
St. Paul, MN 55102

NET CONTENTS: 4 U.S. Gals. (15.1 liters) or 50 U.S. Gals. (189.3 liters)

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**Additional directions for use**  
(may be on the label, as a package insert, hang tag, or technical bulletin)

**BATCH SANITIZATION (NON-FOOD CONTACT SURFACES) FOR ULTRA FILTRATION AND REVERSE OSMOSIS (RO) MEMBRANES**

Not for use with medical related ultra-filtration and reverse osmosis membranes and associated systems. This product has been shown to be an effective sanitizer when tested by AOAC and EPA methods. This product may not totally eliminate all vegetative microorganisms in reverse osmosis membranes and their associated piping systems due to their construction and/or assembly, but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. Check with equipment manufacturer for membrane compatibility with CoolingCare 2915.

1. Clean the membrane or other parts of the system with an appropriate cleaner to remove biological or organic fouling.
2. Flush the system with RO permeate or similar quality water.
3. If necessary, circulate an appropriate acid cleaner to remove mineral deposits.
4. Flush the system with RO permeate or similar quality water.
5. Prepare Cooling Care 2915 by adding 12-47 fluid ounces of product to 100 gallons of water. This will provide 150-550 ppm peroxyacetic acid.
6. Fill the system to be sanitized with the Cooling Care 2915 solution and allow to reach a minimum temperature of 20 degrees C.
7. Recirculate the Cooling Care 2915 solution for 10-15 minutes.
8. Allow membrane elements to soak in the Cooling Care 2915 solution for 20 minutes.
9. Drain the Cooling Care 2915 solution from the system and rinse with RO permeate; or similar quality water, until the residual peroxyacetic acid is below 3 ppm.

**BATCH SANITIZATION (NON-FOOD CONTACT SURFACES) OF PIPING SYSTEMS ASSOCIATED WITH RO MEMBRANES**

1. Isolate incompatible equipment from piping system. This includes activated carbon filters and ion exchange equipment. Turn off power to ultraviolet light units.
2. Estimate total volume of water contained in the system (tanks, rinse stations, and piping). Prepare Cooling Care 2915 by adding 12 -68 ounces of product per 100 gallons of water. Use RO permeate or similar quality water for dilution. This will provide 150 -800 ppm peroxyacetic acid.
3. Recirculate the Cooling Care 2915 solution for a minimum of 4 hours. Process usage valves should be opened and closed to expose internals to the Cooling Care 2915 solution.
4. Drain the Cooling Care 2915 solution from the system and rinse with RO permeate, or similar quality water, until the residual peroxyacetic acid is below 3 ppm.

**CONTINUOUS /INTERMITTENT ADDITION TO MINIMIZE THE ACCUMULATION OF BIOLOGICAL MATTER BETWEEN SANITIZING EPISODES**

1. Cooling Care 2915, as received or diluted, may be added continuously to the feed water system between sanitizing episodes to aid in minimizing the accumulation of biological matter. The peroxyacetic acid residual concentration in the system will vary with the design and usage characteristics of the system. Adjust the addition rate of Cooling Care 2915 or Cooling Care 2915 solution and periodically monitor the peroxyacetic acid concentration so that the desired effect is obtained.
2. For continuous addition do not exceed 6.9 ppm Cooling Care 2915. This will provide 1 ppm peroxyacetic acid. For intermittent feed do not exceed 700 ppm Cooling Care 2915. This will provide 105 ppm peroxyacetic acid.

EPA Reg. No. 1677-RON



**FOOD & BEVERAGE DIVISION**  
Ecolab Inc.  
370 Wabasha Street  
St. Paul, MN 55102

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
APR 14 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
1677-190