



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 15, 2017

Bridget Middleton
Associate Regulatory Specialist II
Ecolab, Inc.
1 Ecolab Place
St. Paul, MN 55102

Subject: Notification per PRN 98-10 – Minor Clarification to Temperature in Use
Directions
Product Name: Laundry Solid Chlorine Sanitizer
EPA Registration Number: 1677-243
Application Date: October 6, 2017
Decision Number: 535801

Dear Ms. Middleton:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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If you have any questions, you may contact Killian Swift at 703-308-6346 or via email at Swift.Killian@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Wanda J. Fuller". The signature is written in a cursive style with a large, stylized "W" and "F".

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Laundry Solid Chlorine Sanitizer

Active Ingredient:

Sodium Dichloro-s-Triazinetrione Dihydrate 99.0%

Other Ingredients: 1.0%

Total: 100.0%

Available Chlorine: 55.0%

KEEP OUT OF REACH OF CHILDREN DANGER

(See [back], [side], [inner] [other] [fold-out] [booklet] [product container] [label(s)] [panel(s)] [container] for [complete] [additional] [information] [directions for use] [precautionary statements] [and] [first aid] [and] [storage and disposal]).

(Please [refer to] [see] reference sheet for [additional] [directions for use] **[information]**)

(Si no puede leer en inglés, pregunte a su supervisor sobre las instrucciones de uso apropiadas antes de trabajar con este producto.)

~~(Refer to the (MSDS)(SDS) for additional product hazard information.)~~

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive: Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not breathe dust, vapor, or spray mist. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

PHYSICAL OR CHEMICAL HAZARDS

DANGER: Strong Oxidizing Agent: Use only clean, dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter or other chemicals (including other pool chemicals) or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. Avoid any contact with flaming or burning material such as a lighted cigarette. Do not use this product in any chlorinating device which has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026
OUTSIDE NORTH AMERICA, CALL 1-651-222-5352**

NOTIFICATION

1677-243

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/15/2017

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans, or public 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.

(Note to reviewer – the following paragraph is considered optional marketing language:)

Laundry Solid Chlorine Sanitizer is a concentrate formulation designed for use in commercial, institutional and industrial laundry operations. When added as a sanitizing agent at the rate of 43.2 grams per 100 pounds of dry laundry, this formulation provides sanitization against *Staphylococcus aureus* (ATCC 6538), *Klebsiella pneumoniae* (ATCC 4352), *Pseudomonas aeruginosa* (ATCC 15442) and Methicillin-Resistant *Staphylococcus aureus* (ATCC 33592).

(Note to reviewer – language within parentheses or brackets is considered optional.)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

To Sanitize and Bleach

Using the appropriate Ecolab dispenser, inject **Laundry Solid Chlorine Sanitizer** as a bleach and sanitizer into the bleach step. **Laundry Solid Chlorine Sanitizer** is effective in water up to 500 ppm of water hardness (up to 29 grains per gallon). Use Laundry Solid Chlorine Sanitizer at **an equivalent** rate of 43.2 grams per 50 gallons of water to sanitize a maximum of 100 pounds of dry laundry. Treat the laundry for a minimum of 8 minutes at **a minimum of** 100°F. Softener can subsequently be added after the sanitizing step. Following the sanitizing step, the laundry may be rinsed with water that may include starch, softener, odor neutralizer, fragrance, soil release agent and/or fluid repellent. Use level, time and temperature will vary depending on stain level, fabric type and load weight.

To Bleach Only:

Low Temp Laundry Solid Chlorine Sanitizer can be used for bleaching of linen. To bleach, dose up to 43.2 grams per 100 pounds of dry laundry (43.2 g/cwt) of Low Temp Laundry Solid Chlorine Sanitizer in the appropriate bleaching step at a temperature of 90 - 160°F (32 - 71°C). Use levels, time and temperature will vary depending on the type of soil, fabric, and load. For best results, please consult your Ecolab Laundry Specialist. Following the bleaching and/or sanitizing step, the laundry may be rinsed with water which may include: sour, starch, softener, odor neutralizer, fragrance, soil release agents, and/or fluid repellents.

FOR RECIRCULATING WATER SYSTEMS

Not registered for this use in the State of California – [Optional]

Not registered for (insert specific organism – bacteria, fungi or algae) use in the State of California – [Optional]

This product is intended for use in the following aquatic sites: Air Washer Water Systems, Commercial/Industrial Water Cooling Systems, Evaporative Condenser Water Systems, Industrial Scrubbing Systems, Industrial Auxiliary Water Systems, Industrial Process Water, Cannery Cooling Water Systems.

For control of bacteria (including slime forming), fungi and algae, add product to the tower basin, distribution box or some other point in the system via the designated ECOLAB [optional to replace with Subregistrant Company Name] feeder to insure uniform mixing. Load canister(s) in ECOLAB [optional to replace with Subregistrant Company Name] feeder to dispense tablets. Badly fouled systems must be pre-cleaned before treatment is begun.

Intermittent or slug method

INITIAL DOSE: When the system is noticeably fouled, apply the product to achieve 0.2-10 mg/L free available chlorine.

SUBSEQUENT DOSE: When microbial control is evident, add this product achieve 0.2-5 mg/L free available chlorine.

Continuous feed method

INITIAL DOSE: When the system is noticeably fouled, product in the system to achieve 0.2-10 mg/L free available chlorine.

SUBSEQUENT DOSE: When microbial control is evident, add this product in the system to achieve 0.2-5 mg/L free available chlorine.

Optional Marketing Language:

- Laundry Sanitizer
- Laundry Bleach
- Laundry Oxidizer

(Note to Reviewer: All dilutions below are equivalent to the 125 ppm Cl in use directions)

Equivalency Table to 125 ppm Cl:

		Enter this into Navigator	Enter this into SCLS
Size of Washer (lb)	Low Fill (gal)	Sanitizing dose (g)	Sanitizing dose (g/cwt)
15	6.7	6	39
20	8.6	7	37
25	10.6	9	37
30	12.6	11	36
35	14.5	13	36
40	16.5	14	36
45	18.5	16	36
50	20.4	18	35
55	22.4	19	35
60	24.4	21	35
65	26.3	23	35
70	28.3	24	35
75	30.2	26	35
80	32.2	28	35
85	34.2	30	35
90	36.1	31	35
95	38.1	33	35
100	40.1	35	35
105	42	36	35
110	44	38	35
115	46	40	35
120	47.9	41	34
125	49.9	43	34
130	51.9	45	34
135	53.8	46	34

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Keep product dry in tightly closed container when not in use.

PESTICIDE STORAGE: Store in a cool, dry, well-ventilated area away from heat or open flame. Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Securely wrap container in several layers of newspaper and discard in trash.

In case of contamination or decomposition do not reseal container. If possible, isolate container in open well-ventilated area. Flood with large volumes of water. Dispose of contaminated material in an approved landfill area.

When handling or dealing with spills, use impact-resistant goggles with side shields, or face shield; body covering clothes, including impervious rubber or plastic gloves and boots; use a dust respirator if dusting occurs. Sweep up spills and dispose of as described for pesticide disposal. If contents are contaminated or decomposing, do not reseal container; isolate unsealed container in the open or in a well-ventilated area; flood with large volumes of water if necessary.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING AND DISPOSAL:

(Capsule) Nonrefillable container. Do not reuse or refill this container. Offer (capsule) for recycling, if available, or discard in trash.

[Note to reviewer: Additional net contents weights may be added based on the specific commercial packaging]

Net Contents: 4 U.S. lbs. (1.81 kg)

EPA Reg. No. 1677-243
EPA Est.: 1677-MN-1 (P), 60156-IL-1 (SI),
1677-CA-2 (R), 1677-TX-1 (D), 1677-IL-2 (J),
1677-GA-1 (M), 1677-WV-1 (V), 303-IN-1 (L),
58046-TX-2 (X), 5389-NC-1 (G)
Superscript refers to first letter of date code

(Manufactured for:) (Distributed by:)
Ecolab Inc.
1 Ecolab Place
St. Paul, MN 55102 (USA)
(Made in USA) (Made in United States of America)

This product may be patented | Ce produit peut être breveté | Este producto puede ser patentado:
www.ecolab.com/patents