



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 18, 2021

Brian Hogan
Agent- KRK Consulting LLC
Edmar Chemical Company
PO Box 598
Cleveland, OH 44022

Subject: Notification per PRN 98-10 – Update the EPA Registration Number and add optional graphics
Product Name: BacStop XL
EPA Admin Number: 7048-15
Application Date: April 27, 2021
Case Number: 00298794

Dear Mr. Hogan:

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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EPA Reg. No. 7048-15
Decision No. 00298794

If you have any questions, you may contact Mohammad Alavi at (703) 347-0522 or via email at Alavi.mohammad@epa.gov.

Sincerely,



Aline Heffernan
Acting Product Manager Team 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

BacStop XL

NOTIFICATION

Twin-Chain Quaternary Ammonium Compound Concentrate
Residual Bacteriostat and Self-Sanitizing Agent
Under Humid or Wet Contamination Conditions

7048-15

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:

08/18/2021

Active Ingredients:

Octyl decyl dimethyl ammonium chloride	25.0%
Dioctyl dimethyl ammonium chloride	10.0%
Didecyl dimethyl ammonium chloride	15.0%
Other Ingredients.....	<u>50.0%</u>
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.

EPA Reg. No. 7048-RL15
EPA Est. No. *(insert EPA Establishment Number here)*
Net Contents *(insert container size here)*

[DOT Symbols]
Manufactured in USA

Manufactured By:
EDMAR CHEMICAL COMPANY
PO Box 598
Cleveland, OH 44022

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if swallowed or inhaled. Harmful if absorbed through the skin. Do not breathe vapor. Wear protective eyewear (goggles, face shield, or safety glasses). Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N1, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N1, R, or P filter; OR a NIOSH-approved powered air purifying respirator with a HE filter. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear protective clothing and protective gloves (rubber or chemical resistant).

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 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

For general information on this product, call 1-440-247-0948, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish.

{If the container size is 5 gallons or greater, the following Environmental Hazards will be used:}

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.

BacStop XL is based on a (effective) mixture of three Twin Chain quaternary ammonium compounds.

Soiled and contaminated fabrics such as diapers, hospital and institutional linen, and athletic apparel is of major housekeeping concern, not only in hospitals, but in institutions, hotels, restaurants and schools.

Used as directed, **BacStop XL** provides effective self-sanitizing properties for up to 24 hours and residual bacteriostatic properties for laundered items such as diapers, hospital and institutional linens, and athletic apparel.

BacStop XL is designed for commercial and institutional laundry use by addition to the final rinse step.

BacStop XL is economical to use because it is concentrated.

BacStop XL is an effective laundry sanitizer when used as directed in waters up to 200 ppm hardness against:

Corynebacterium ammoniagenes
Escherichia coli O157:H7 [*E. coli* O157:H7]
Klebsiella pneumoniae
Listeria monocytogenes
Salmonella enterica [*Salmonella*]
Staphylococcus aureus [*Staph*]
Staphylococcus aureus – Community Associated Methicillin-Resistant [CA-MRSA]
Staphylococcus aureus – Hospital Associated Methicillin resistant [HA-MRSA]

BacStop XL provides residual self-sanitizing efficacy for up to 24 hours in the laundry rinse cycle when used as directed in waters up to 200 ppm hardness against:

Klebsiella pneumoniae
Staphylococcus aureus

For self-sanitizing activity for up to 24 hours and residual bacteriostatic activity, conditions of high relative humidity or wet contamination are required.

BacStop XL provides residual bacteriostatic efficacy in the laundry rinse cycle when used as directed against gram negative and/or gram positive odor causing bacteria.

Dilution Chart

Laundry Sanitizer	3 oz. per 100 pounds dry fabric	[781 ppm active quat]
Residual Bacteriostat	0.56 oz. per 100 pounds dry fabric	[175 ppm active quat]
Residual Self Sanitization.....	0.6 oz. per 100 pounds dry fabric	[195 ppm active quat]

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. [If you do not understand the label, find someone to explain it to you in detail.]*

DIRECTIONS FOR USE

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

LAUNDRY SANITIZER

Add [mix] 3 oz. of BacStop XL in high efficiency applications per a maximum of 100 pounds of fabric [dry weight] to sanitize laundered fabrics in the rinse cycle. A minimum cycle time of 5 minutes is required.

RESIDUAL BACTERIOSTATIC

Initial Treatment: Use 0.56 oz. [3.5 teaspoons] of **BacStop XL** for a minimum 24 hours holding in commercial or industrial applications per a maximum of 100 pounds of fabric [dry weight]. Dilute the appropriate amount of **BacStop XL** in one to two gallons of water and then add this solution to the wash wheel at the beginning of the final rinse cycle. A minimum rinse cycle time of 10 minutes is required.

Repeat treatment: Follow Initial Treatment directions and re-treat fabric after each washing [or if odor persists].

RESIDUAL SELF-SANITIZING

Use 0.6 oz. of BacStop XL in commercial or industrial applications per a maximum of 100 pounds of fabric [dry weight]. Dilute the appropriate amount of **BacStop XL** in one to two gallons of water and then add this solution to the wash wheel at the beginning of the final rinse cycle. A minimum rinse cycle time of 8 minutes is required.

{Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses – all sizes – No Reuse Rinsate Statement}

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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 Disposal:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

[Plastic and Metal Containers:] Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

OPTIONAL GRAPHICS

