



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

7048-15

Date of Issuance:

3/31/2020

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BacStop XL

Name and Address of Registrant (include ZIP Code):

Kevin Kutcel  
Edmar Chemical Company  
PO Box 598  
Cleveland, OH 44022

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

  
Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Date:

3/31/2020

2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Octyl decyl dimethyl ammonium chloride GDCI-069165-30870; GDCI-069165-1736
  - b. Dioctyl dimethyl ammonium chloride GDCI-069166-30875; GDCI-069166-1737
  - c. Didecyl dimethyl ammonium chloride GDCI-069149-30869; GDCI-069149-0681

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 7048-15.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/12/2019

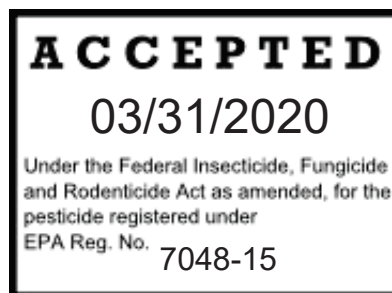
If you have any questions, you may contact Perri Moeller at 703-347-8618 or via email at [Moeller.Perri@epa.gov](mailto:Moeller.Perri@epa.gov).

Enclosure

# BacStop XL

Twin-Chain Quaternary Ammonium Compound Concentrate

Residual Bacteriostat and Self-Sanitizing Agent  
Under Humid or Wet Contamination Conditions



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-RL  
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  $\frac{1}{4}$  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.