



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 24, 2017

Christina Swick  
Lewis & Harrison, LLC  
122 C Street NW Suite 505  
Washington DC 20001

Subject: Label Amendment– To update label language  
Product Name: Bio Clean  
EPA Registration Number: 670-2  
Application Date: July 22, 2016  
Decision Number: 519836

Dear Ms. Swick:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Emilia Oiguenblik by phone at 703 347 0199, or via email at [Oiguenblik.emilia@epa.gov](mailto:Oiguenblik.emilia@epa.gov) or Eric Miederhoff by phone at 703 347 8028, or via email at [Miederhoff.eric@epa.gov](mailto:Miederhoff.eric@epa.gov).

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EPA Reg. No. 670-2  
Decision No. 519836

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff". The signature is written in a cursive style with a large, stylized initial "E".

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

Enclosure: Stamped label

**ACCEPTED**

01/24/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 670-2



# BIO CLEAN

**DISINFECTANT/DETERGENT**

CLEANER  
DETERGENT

DEODORIZER  
VIRUCIDE\*

DISINFECTANT  
MILDEWSTAT  
(on hard non-porous surfaces)

**ACTIVE INGREDIENTS:**

Alkyl (60%C<sub>14</sub>, 30%C<sub>16</sub>, 5%C<sub>12</sub>, 5%C<sub>18</sub>) dimethyl benzyl ammonium chloride..... 7.95%

Alkyl (68%C<sub>12</sub>, 32%C<sub>14</sub>) dimethyl ethylbenzyl ammonium chloride ..... 7.95%

**INERT INGREDIENTS:**..... 84.10%

**TOTAL:** 100.00%

KEEP OUT OF REACH OF CHILDREN

## DANGER

See side panels for additional precautionary statements.

### FIRST AID

**EYES:** Hold eyelids open and flush with a steady gentle stream of 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 or advice. **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.

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

Covered under U.S. Patents including #5,977,183, 6,028,113

Manufactured by:  
SUNBURST CHEMICALS, INC  
220 W 86TH ST. MINNEAPOLIS, MN 55420  
(952) 884-3144

EPA Reg. No. 670-2  
Lot #

EPA Est. No. 670-MN-01  
NET CONTENTS: 4.5 lbs. (2.04 kg)

## **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. Wear goggles or face shield, rubber gloves, and protective clothing when handling. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and aquatic invertebrates.

**FOR CHEMICAL SPILL INFORMATION DIAL: 1-800-424-9300**

**FOR EMERGENCY MEDICAL INFORMATION DIAL 1-866-303-6943**

#### **DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. BIO CLEAN is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection specifically for schools, offices, hotels, motels, cafeterias, restaurants, grocery stores, and apartment buildings. BIO CLEAN, when used as directed, is formulated to disinfect inanimate, hard, nonporous surfaces made of stainless steel, chrome, porcelain, glass, vinyl or plastic on walls, floors, sink tops, tables and chairs. For larger areas such as restrooms, BIO CLEAN is designed to provide both general cleaning and disinfection. If used on food contact surfaces thoroughly rinse these surfaces with potable water. BIO CLEAN deodorizes those areas which generally are hard to keep fresh smelling such as garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganisms.

**CLEANING/DEODORIZING/DISINFECTING:** To clean/deodorize/disinfect hard, nonporous surfaces, follow the steps below. The dispenser will automatically deliver a solution that contains 1 oz. of Bio Clean to 1-2 gallons of water. 1. Remove cap. Place the Bio Clean container upside down in the dispenser. 2. Turn on the water to the dispenser. 3. Put the dispenser outlet tube to the receptacle (mop bucket, pail, jug, trigger sprayer, etc.) and turn the dispenser on. Fill receptacle to the desired level then turn OFF. 4. Remove dispenser outlet tube. 5. Apply this solution with a mop, sponge, trigger sprayer, or cloth so as to thoroughly wet all surfaces. If sprayed, use a coarse spray. Allow to remain wet for 10 minutes and then let air dry. Prepare a fresh solution for each use. For heavily soiled areas, a precleaning step is required. For heavy duty cleaning, use BIO CLEAN at 2 oz per gallon of water. If BIO CLEAN is used on direct food contact surfaces such as countertops, tables, appliances, and/or stove tops, thoroughly rinse these surfaces with potable water. This product must not be used on the following food contact surfaces: utensils, glassware, and dishes.

**BACTERICIDAL ACTIVITY:** At the stated disinfection dilution rate, this product exhibits effective disinfectant activity against the organisms *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella scholtmuelleri*, *Salmonella enterica*, *Brevibacterium ammoniagenes*, *Enterococcus faecalis*, *Shigella dysenteriae*, *Staphylococcus aureus*, and *Enterobacter aerogenes*, *Staphylococcus aureus*-MRSA, *Enterococcus faecalis* Vancomycin Resistant.

**MILDEWSTAT:** To control mold and mildew on precleaned, hard nonporous surfaces, use BIO CLEAN at the stated dilution rate for disinfection. Apply solution with a cloth, mop, sponge, or hand pump trigger sprayer making sure to wet all surfaces completely. If sprayed, use a coarse spray. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

**EFFICACY TESTS HAVE DEMONSTRATED** that BIO CLEAN is an effective bactericide in the presence of organic soil (5% blood serum). If used on food contact surfaces thoroughly rinse these surfaces with potable water.

\*VIRUCIDAL ACTIVITY- BIO CLEAN, when used on environmental, inanimate, hard nonporous surfaces at the disinfectant dilution rate with a contact time of 10 minutes, exhibits effective virucidal activity against HIV-1, Hepatitis B (HBV) Influenza A2, Parainfluenza Type 1 (Sendal), Canine Distemper, Feline Pneumonitis, Vaccinia Virus, and Herpes Simplex Type 1. Effective against Hepatitis B when used at 1 oz. per gallon of water (1240 ppm Quat) following disinfection directions above.

KILLS HIV-1 and HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS where there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) and HBV.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 and HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, or eye covering.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of BIO CLEAN. **CONTACT TIME:** Allow surface to remain wet for 10 minutes.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

**STORAGE AND DISPOSAL**

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

STORAGE: Store in a dry place no lower in temperature than 50 °F or higher than 120 °F.

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 of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not refill or reuse container. Triple rinse as follows: Fill container 1/4 full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

Contains no phosphorus.

NJ-TSRN: 5000-5022

PA: Identification of specific ingredients is being withheld as a trade secret.

