

68660-4

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

September 2, 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Wendy McCombie  
Agent for Solvay Chemicals, Inc  
Lewis & Harrison  
122 C Street NW, Suite 505  
Washington, DC 20001

SEP 02 2014

Subject: Increase Use Rate for Sanitization Use Directions  
EPA Reg. No: 68660-4  
Amendment Letter dated May 19, 2014

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) 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 it's implementing regulation at 40 CFR 152.3.

If you have any questions concerning this letter, please contact Elizabeth Watkins at (703) 347-0241.

Sincerely,

Eric Miederhoff  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

**PRECAUTIONARY STATEMENTS**  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE**

**DANGER: CORROSIVE** Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not breathe the vapor or spray mist. Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Consult the MSDS for information about respirators and cartridges that have been tested and shown to be effective in removing hydrogen peroxide and peracetic acid from air. Wear chemical goggles, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

**PHYSICAL AND CHEMICAL HAZARDS**

Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Contact of concentrate with other sanitizers, cleaners or other material may cause fire.

**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.

**ACCEPTED**  
09/02/2014  
EPA Reg. No. 68660-4  
EPA Est. No. 6056-IL-001  
Under the Federal Insecticide, Fungicide and Rodenticide Act, this pesticide is registered under EPA Reg. No. 68660-4

**PROXITANE® EQ Liquid Sanitizer**

**ACTIVE INGREDIENT:**

- Hydrogen Peroxide..... 23.0%
- Peroxyacetic Acid..... 5.3%
- Other Ingredients..... 71.7%
- TOTAL:**..... 100.00%

**DANGER**

**STRONG OXIDIZING AGENT**  
**KEEP OUT OF REACH OF CHILDREN**

**FIRST AID**

**IF IN EYES:** - Hold eyelids open and rinse slowly and gently with water for 15 - 20 minutes.

- Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.  
- Call a poison control center or doctor for treatment advice.

**IF ON SKIN:** - 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 INHALED:** - Move person to fresh air.

- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.  
- Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** - Call a poison control center or doctor immediately for treatment advice.

- Promptly drink large quantities of water.  
- 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.

**CALL THE POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION.**

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

Net Wt. [enter weight here] pounds. Weight per Gallon: 9.2 lbs.  
Lot No. [enter lot here]

**STORAGE AND DISPOSAL**  
DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE:** Store in original vented container in a dry location away from heat and out of direct sunlight. In case of fire involving product, use water. In case of large quantities of spilled material, dike with sand or earth. Dilute with large quantities of water.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of federal law. For additional information, refer to the product Material Safety Data Sheet.

**CONTAINER DISPOSAL:**

Triple rinse container (or equivalent) promptly after emptying. For containers less than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers 5 to 55 gallons: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth. Shake for 10 seconds. Empty rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

For containers greater than 55 gallons: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Stainless Steel Containers (300 gallon tote, 4,500 gallon tank trucks, and 20,000 gallon railcars): Return for reuse. Refill the container with pesticide only. Do not reuse this container for other purposes.

Plastic Containers (300 gallon tote, 30, and 55 gallon drums): Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning, if burned, stay out of smoke.

Plastic containers (1 pint, 1 quart, and 1.5, Nonrefillable container): Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Glass Containers (1 pint, 1 quart, and 1 gallon): Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

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## **DIRECTIONS FOR USE**

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

Proxitan® EQ is for use in circulation cleaning and institutional/industrial sanitizing of pre-cleaned hard non-porous food contact surfaces and equipment such as tanks, pipelines, evaporators, fillers, pasteurizers and aseptic equipment.

The main areas of use include:

- Dairies, wineries, breweries and beverage plants
- Meat and meat products processing/packing plants
- Milk and dairy processing/packing plants
- Egg processing/packing plants
- Seafood and poultry processing/packing plants
- Vegetable processing plants
- Eating establishments

## **SANITIZING PRE-CLEANED HARD NON-POROUS FOOD CONTACT SURFACES**

### **such as tanks, piping systems, pumps...**

Clean equipment such as tanks immediately after use:

1. Remove gross food particulate matter and soil by a warm water flush, or pre-flush, or a pre-scrape and, when necessary, pre-soak treatment.
2. Thoroughly wash surfaces or equipment with a good detergent or compatible cleaning solution.
3. Rinse equipment with potable water.
4. Prepare Proxitan® EQ solution as follows:  
Add 1.6 to 2.0 liquid ounces Proxitan® EQ to 5 gallons of potable water.  
This will provide 145 to 181 ppm peroxyacetic acid and 631 to 788 ppm hydrogen peroxide.
5. Fill closed systems with diluted sanitizer solution at a temperature of 5°C (41°F) to 40°C (104°F) and a contact time of one (1) minute.
6. Allow surfaces to drain thoroughly before resuming operation.

## **SANITIZING GENERAL ENVIRONMENTAL SURFACES (NON-FOOD CONTACT)**

### **such as floors, walls, tables, chairs, benches, drains...**

Proxitan® EQ Liquid Sanitizer is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*.

1. Remove gross filth with a cleaner or other suitable detergent.
2. Add 1.6 to 2.0 liquid ounces Proxitan® EQ to 5 gallons of potable water. This will provide 181 to 154 ppm peroxyacetic acid and 631 to 788 ppm hydrogen peroxide.
3. Soak items in/diluted solution using mop/wipe, coarse spray or flood techniques and allow contact for at least 1 minute.
4. Allow items and/or surfaces to air dry.

## **SANITIZING OF EATING ESTABLISHMENT EQUIPMENT such as plates, utensils,**

### **cups, glasses...**

Proxitan® EQ Liquid Sanitizer is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*.

1. Scrape/prewash plates, utensils, cups, glasses, etc. whenever possible.
2. Wash all items with a detergent.
3. Rinse thoroughly with potable water.
4. Prepare Proxitan® EQ Liquid Sanitizer solution as follows:  
Add 1.6 to 2.0 liquid ounces Proxitan® EQ to 5 gallons of potable water. This will provide 145 to 181 ppm peroxyacetic acid and 631 to 788 ppm hydrogen peroxide.
5. Immerse all items for at least 1 minute or for a contact time as specified a local governing sanitizing code.
6. Place all sanitized items on a rack or drainboard to air dry.

## **SANITIZING TABLEWARE**

For sanitizing tableware in low to ambient temperature warewashing machines, inject the diluted Proxitan® EQ Liquid Sanitizer solution (To prepare dilute solution, add 1.6 to 2.0 liquid ounces Proxitan® EQ to 5 gallons of potable water. This will provide 145 to 181 ppm peroxyacetic acid and 631 to 788 ppm hydrogen peroxide.) into the final rinse water. Solution must contact tableware for a minimum of 60 seconds. Allow treated surfaces to air dry.

## **FINAL SANITIZING BOTTLE RINSE for plastic, glass or metal returnable and non-returnable bottles/cans**

1. Wash bottles with detergent or cleaning solution and rinse with potable water.
2. Rinse bottles/cans with a solution prepared by mixing 1.6 to 2.0 liquid ounces of Proxitan® EQ Liquid Sanitizer to 5 gallons of potable water. Solution must contact bottles/cans for a minimum of 60 seconds.
3. Allow to drain dry.

## **SANITIZING CONVEYORS FOR MEAT, POULTRY, SEAFOOD, FRUITS, AND VEGETABLES**

Proxitan® EQ Liquid Sanitizer is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*.

1. Remove all products from equipment.
2. Prepare Proxitan® EQ Liquid Sanitizer solution by adding 1.6 to 2.0 liquid ounces to 5 gallons of potable water.
3. Apply sanitizer solution to the return portion of the conveyor or to the equipment using a coarse spray or other means of wetting the surfaces for a minimum of 60 seconds contact time. Control the volume of solution so as to permit maximum drainage and to prevent puddles.
4. Allow equipment to drain dry before reusing.

**NOTES:** This product in its use concentrations is compatible with stainless steel and aluminum surfaces. If product is intended to be used on any other surface, it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use. For all applications, to ensure effectiveness: do not return unused portion of EQ solution to original container -dispose of unused solution -do not reuse solution - for dilution prior to use, always prepare fresh solution daily.

Manufactured and Distributed by:  
SOLVAY CHEMICALS, INC.

3333 Richmond Avenue, Houston TX 77098 USA  
(713) 525-6500

For emergency, call  
CHEMTREC® (800) 424-9300

## **PROXITANE® EQ Liquid Sanitizer**

EPA Reg. No. 68660-4  
EPA Est. No. 60156-IL-001

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