

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

January 30, 2003

Brian C. Brosdahl  
Manager, North American Registrations  
Ecolab Inc.  
370 N. Wabasha Street  
St. Paul, MN 55102-1390

Subject: TRICHLOR-O-CIDE XP 160  
EPA Registration No. 1677-91  
Application Date: October 31, 2002  
Receipt Date: November 6, 2002

Dear Mr. Brosdahl:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the condition listed below.

1. Update the "First Aid Statement" per the enclosed PR Notice 2001-1.
2. Re-introduce the Fogging directions for use.

Comments

The available chlorine statement must appear below the total in the ingredient statement. Revise the Ingredient statement as follows:

Active Ingredient:  
 Sodium dichloro-s-triazinetrione dihydrate . . . . . 27.3%  
 Inert Ingredients . . . . . 72.7%  
 Total . . . . . 100.0%  
 (Providing a minimum of 15% available chlorine)

Formula contains no phosphorus

CONCURRENCES							
SYMBOL	7576C						
SURNAME	Mitchell						
DATE	1-30-03						

*A stamped copy of the labeling accepted with a condition is enclosed.  
Submit a copy of your final printed labeling before distributing or selling the  
product bearing the revised labeling.*

*Should you have any questions or comments concerning this letter, please  
contact Wanda Mitchell at (703) 308-6345.*

*Sincerely,*

A handwritten signature in black ink, appearing to read "Wanda Mitchell". The signature is written in a cursive style with a large, prominent "W" and "M".

*Robert S. Brennis  
Product Manager - Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)*

# TRICHLOR-O-CIDE XP-160

POWDERED SANITIZER

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JAN 30 2003

**Active Ingredients:**

Sodium dichloro-s-triazinetriene dihydrate  
(providing a minimum of 15% available chlorine) ... 27.3%

**Inert Ingredients** ..... 72.7%

**Total** ..... 100.0%

Formula contains no phosphorus

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1677-91

## KEEP OUT OF REACH OF CHILDREN DANGER

See additional precautions on side panel or outer case label.

[The precautionary statements, environmental hazards (if applicable to package size) and physical or chemical hazards may be placed on the outer case (shipping container) for alternate package sizes.]

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE:** Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

#### 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 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 further treatment advice.

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

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.

**PHYSICAL AND CHEMICAL HAZARDS:** Strong oxidizing agent. Do not mix with acids, will cause hazardous vapors. Mix only with water according to label directions. Do not store or use in a manner that would contaminate food or feed.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.



**DIRECTIONS FOR USE**

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

**DAIRY, BEVERAGE AND FOOD PROCESSING PLANTS:**

Remove gross food particles and soil by a pre-flush, or pre-scrape and, when necessary, presoak the surface(s) to be sanitized. Clean utensils and equipment thoroughly with an appropriate detergent and rinse with potable water. Before use, sanitize these items with a 100 ppm available chlorine (1 oz. per 12 gallons) solution of TRICHLOR-O-CIDE XP-160 for a two minute exposure period. Use immersion, spray or circulation techniques as appropriate to the equipment. Allow to drain thoroughly and air dry. Note: DO NOT SOAK OVERNIGHT.

**DIRECTIONS FOR FOGGING:** Prior to fogging, clean all surfaces and remove or carefully protect all food products and packaging materials. Fog desired areas using one quart per 1000 cubic feet of room area with a Trichlor-O-Cide XP-160 solution containing 600 ppm available chlorine (1 oz. to 2 gal.). Vacate the area of all personnel for a minimum of 2 hours after fogging. All food contact surfaces must be rinsed with an EPA registered food contact surface sanitizer following fogging. Allow surfaces to drain thoroughly before operations are resumed.

**NOTE:** FOR MECHANICAL OPERATIONS prepared use solution may not be reused for sanitizing but may be reused for other purposes such as cleaning.  
FOR MANUAL OPERATIONS fresh sanitizing solutions should be prepared at least daily or more often if the solution becomes diluted or soiled.

**FOOD SHELL EGG SANITIZATION**

Only clean, whole eggs can be used for sanitizing. Dirty, cooked, or punctured eggs cannot be used. Thoroughly mix 1 oz. of this product with 12 gallons of warm water to provide a 100 ppm available chlorine solution. The sanitizer temperature should not exceed 130 deg F. Spray the warm sanitizer so that the eggs are thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be reused to sanitize eggs.

**STORAGE & DISPOSAL**

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

Storage: Product should be stored in a dry location.

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:

(425 lb fiber drum and 100 lb bag in a box) - Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, disposed of in the same manner.

Alternate Container Disposal Statements:

(packets) - Do not reuse empty packet. Wrap packet and put in trash.

(plastic tub) - Do not reuse empty container. If spilled, sweep up solid material, wrap and put in trash. Rinse away remaining residue.

For more information or technical assistance, call toll-free 1-800-35-CLEAN (352-5326).

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<p>Net Contents: 425 U.S. lbs (192.8 kg) 100 U.S. lbs (45.4 kg) 6 U.S. lbs (13.2 kg) # of XX oz. packets</p>
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Ecolab Inc.  
370 North Wabasha Street  
St. Paul, MN 55102

EPA Reg. No. 1677-91  
EPA Est.: 1677-IL-2(J), 1677-NJ-1(W), 1677-  
TX-1(D), 1677-GA-1(M), 1677-MN-1(P),  
1677-CA-1(S), 1677-PR-1(B), 1677-CA-2(R),  
1677-OH-1(H), 1677-CA-2(R), 1677-WV-1(V)  
Superscript refers to first letter of date code

[ALTERNATE PACKAGE SIZE DIRECTIONS FOR USE]

FOR KITCHEN UTENSILS AND OTHER HARD NONPOROUS FOOD CONTACT SURFACES

This product is recommended for use on hard, non-porous surfaces such as dishes, glasses, or food processing equipment or utensils.

Sink Sanitizing of Kitchen Utensils and Equipment

1. Scrape and pre-rinse utensils to remove excess soils.
2. Wash with a detergent in the first compartment sink.
3. Rinse with clean water in second compartment.
4. To sanitize in third compartment, dissolve 1 ounce per 12 gallons [alternate directions: dissolve 1 packet (0.208 oz) in 3 gallons] of lukewarm, 75-95°F (24-35°C) water (yields 100 ppm available chlorine). Immerse all utensils or equipment for at least one minute. Allow to drain thoroughly and air dry.

Sink Sanitizing of Kitchen Utensils and Equipment

1. Scrape and pre-rinse utensils to remove excess soils.
2. Wash with a detergent.
3. Rinse with clean water.
4. To sanitize, dissolve 1 packet (0.104 oz.) in 5 quarts [(0.208 oz.) in 3 gallons or (0.417 oz.) in 5 gallons or (2.08 oz.) in 25 gallons] of lukewarm, 75-95°F (24-35°C) water (yields 100 ppm available chlorine). Immerse all utensils or equipment for at least one minute. Allow to drain thoroughly and air dry.

Stationary Equipment and Other Food Contact Surfaces

To sanitize stationary equipment and other food contact surfaces, dip a clean wipe cloth into a bucket filled with sanitizing solution and sanitize surfaces, or apply sanitizing solution dispensed from a spray bottle onto a clean cloth or sponge. Wipe surface making sure to completely cover surface for at least 60 seconds. Allow to drain and air dry.

Use a suitable chlorine test kit to check solution frequently. Change the solution as needed to prevent concentration from falling below 50 ppm available chlorine at any time.