

pm

3

1677-159

Page 1 of 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 21 1996

Ecolab Inc.  
370 N. Wabasha Street  
St. Paul, MN 55102

Attention: Ann Oxford

Subject: TX-8848  
EPA Registration No. 1677-159  
Amendment Dated March 14, 1996

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you comply with the items listed below. This amendment was submitted to add claims as a microbiocide in pulp and papermill water systems.

1. Submit/cite all data required for registration/-reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise your proposed labeling in accordance with the following instructions:
  - a. Include the following restriction statement for the pulp and papermill use pattern, "Not for use in the manufacture of pulp and paper board intended for food contact.
  - b. Include the dilution ratio of the ppm concentrations included on your label (e.g., 5 - 500 ppm [ 0.3 - 30 fluid ounces] per 1000 lbs. (dry weight basis) of pulp or paper produced).
  - c. Specify that severely fouled systems should be cleaned before adding the TX-8848 solution.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with 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.

Sincerely yours,



Marion Johnson  
Product Manager 31  
Antimicrobial Programs Branch  
Registration Division (7505C)

3 of 5

**TX-8848**  
**ACID LIQUID SANITIZER FOR FOOD PROCESSING EQUIPMENT**  
in Dairies, Dairy Farms, Breweries, Wineries, Beverage and Food Processing Plants

**ACTIVE INGREDIENTS:**

Hydrogen Peroxide ..... 27.00%  
Peroxyacetic Acid..... 4.50%

**INERT INGREDIENTS** ..... 68.50%

**FOR AGRICULTURE OR COMMERCIAL USE ONLY**

**STRONG OXIDIZING AGENT**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: CORROSIVE:** Causes severe eye damage and skin burns. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear chemical goggles, rubber gloves and protective clothing when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush immediately with cool water. Remove contact lenses. Continue flushing for 15 minutes, holding eyelids apart. Get prompt medical attention.

**IF ON SKIN:** Immediately wash with plenty of soap and water. Get medical attention.

**IF SWALLOWED:** Drink promptly large quantities of water. Avoid alcohol. **DO NOT** induce vomiting. Never give anything by mouth to an unconscious person.

**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.**

**FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026**

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

**PHYSICAL AND CHEMICAL HAZARDS:** Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Never bring concentrate in contact with other sanitizers, cleaners or organic substances.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewer plant authority. For guidance contact your State Water Board or Regional office of the U.S. Environmental Protection Agency.

EPA Reg. No. 1677-159  
EPA Est. 60156-IL-1 (SI)

Net Contents: 50 U.S. Gals. (189 l) 4 U.S. Gals. (15.1 l)

Ecolab Inc.  
Ecolab Center  
St. Paul, MN 55102

MAR 21 1996

1677-159

**BEST AVAILABLE COPY**

4 9 5

Dispense directly from original container. Use only clean synthetic hoses made of materials such as Teflon, polyethylene, or polystyrene. Do not use rubber hoses. If concentrate must be transferred to another container, use only clean, vented containers made of synthetic materials such as Teflon, polyethylene or polystyrene.

#### DIRECTIONS FOR USE

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

#### SANITIZATION

**TX-8848** acid sanitizer is recommended for use on pre-cleaned surfaces such as equipment, pipelines, tanks, vats, fillers, evaporators, pasteurizers and aseptic equipment in dairies, breweries, wineries, beverage and food processing plants. This product is effective as a sanitizer when solution is prepared in water of up to 500 ppm hardness as  $\text{CaCO}_3$ .

#### SANITIZING FOOD CONTACT SURFACES

Prior to sanitizing, remove gross food particles, then wash with a detergent solution, followed by potable water rinse. Prepare sanitizing solution by diluting  $1\frac{2}{3}$  -  $2\frac{1}{2}$  fluid ounces **TX-8848** concentrate per 5 gallons of water (0.25 - 0.40% v/v concentration). This will provide 100 - 200 ppm peroxyacetic acid and 640 - 1200 ppm of hydrogen peroxide. Fill closed systems such as piping, tanks, fillers, evaporators, and pasteurizers with the sanitizing solution at a temperature range of  $5^\circ\text{C}$  ( $45^\circ\text{F}$ ) to  $40^\circ\text{C}$  ( $104^\circ\text{F}$ ) for a contact time of at least 1 minute. Allow surfaces to drain thoroughly before resuming food processing operations. No potable rinse is required if used at 0.4% **TX-8848** or less.

**NOTE:** FOR MECHANICAL OPERATIONS prepared use solutions 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.

**NOTE:** This product in its use solutions 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.

Allow surfaces to drain thoroughly before resuming food processing operations.

#### PULP & PAPER MILLS

To control bacteria, fungi, and fresh water organisms (such as protozoa and filamentous bacteria) in paper, paperboard, or nonwoven process water and influent water systems. **TX-8848** should be dosed at a convenient point in the process or influent systems. Suitable dosing points include but are not limited to; stock chests, pulpers, and white water loop and white water storage systems and influent water streams.

#### FREQUENCY & DOSE

##### A. INFLUENT WATER SYSTEMS

**TX-8848** should be fed continuously to incoming fresh water streams (nonpotable use only) at dosages ranging from 5 - 500 ppm.

##### B. MILL PROCESS WATERS

1. Continuous Feed - **TX-8848** should be fed continuously at dosages ranging from 5 - 500 ppm. This range may be equivalent to 0.4 - 40 lbs. **TX-8848** per ton (dry basis) of pulp or paper produced.
2. Intermittent Feed - **TX-8848** should be fed intermittently at dosages ranging from 5 - 500 ppm. This dosage may be equivalent to 0.4 - 40 lbs **TX-8848** per ton (dry basis) of pulp or paper produced during the feed period.
3. Shock Dose - **TX-8848** should be shock dosed at dosages ranging from 50 - 1000 ppm. This dosage may be equivalent to 4 - 82 lbs **TX-8848** per ton (dry basis) of pulp or paper produced during the feed period.

1677-159

MAR 21 1996

1677-159

5 9 5

**STORAGE & DISPOSAL**

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

**STORAGE:** Product should be kept cool and in a vented container to avoid any explosion hazard.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If the 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:** (1 gal) Do not reuse empty containers. Wrap container and put in trash.

(50 gal) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RECEIVED  
EPA REGIONAL OFFICE  
MILWAUKEE, WISCONSIN

MAR 21 1996

1677-159