



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

Date of Issuance:

EPA Reg. Number:

APR 15 1987

1677-184

Term of Issuance: Conditional

Name of Pesticide Product: KX-6078

NOTICE OF PESTICIDE:
x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ECOLAB, INC.
370 N. Wabasha Street
St. Paul, Minnesota 55102

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 1677-184".
3. Submit two copies of the revised final printed label for the record.

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

Signature of Approving Official:

PM-31/AD/OPP

Date:

APR 15 1987

EPA Form 8570-6

CONCURRENCES

SYMBOL	5056						
SURNAME	Pringle						
DATE	4-15-87						

ECOLAB®

44160

EPA Reg. No. 1677-R2U

KX-6078

Process Water Additive for Microbial Growth Control in Fruit and Vegetable Processing Plants

This product is to be used in flume water for processed food.

ACTIVE INGREDIENTS:

Peroxyacetic acid.....14.9%
Hydrogen peroxide.....11.4%

INERT INGREDIENTS:.....73.7%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMAN AND DOMESTIC ANIMALS

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 if handling concentrate. Wash thoroughly with soap and water after handling. Remove any contaminated clothing and wash before re-use.

STATEMENT OF PRACTICAL TREATMENT

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

IF IN EYES: Flush immediately with cold water. Remove contact lenses. Hold eyelids open and flush with water for 15 minutes. Get medical attention immediately.

IF SWALLOWED: DO NOT induce vomiting. Immediately drink large quantities of water. Avoid alcohol. 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 streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution 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.

FOR COMMERCIAL USE ONLY

STRONG OXIDIZING AGENT

U.S. Patent No. 5,409,713

Other Patents Pending

KX-6078 is recommended for use in the control of microbial growth in the water and reducing biofilm formation on processing equipment of processed fruits and vegetables. KX-6078 may also be used as a wash to control growth of microorganisms which cause decay on processed fruits or vegetables. Fruits and vegetables must be rinsed with potable water after contacting process water which has been treated with KX-6078.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Treatment of Process Water Streams:

A. Batch systems with no makeup water added:

1. Fill vessel containing fruits or vegetables with known amount of water.
2. Ensure that water is recirculating in vessel.
3. Add KX-6078 to no more than 80 ppm residual peroxyacetic acid and 59 ppm residual hydrogen peroxide in use solution. This can be accomplished by initially adding 53.3 grams (47.8 mls) KX-6078 per 100 liters of water, or 1.0 fluid ounces KX-6078 per 16.4 gallons of water. Adjust as needed to maintain residual.

B. Continuous systems with constant addition of makeup water:

Initial dose: (this brings the recirculating process water up to an initial dosed level of KX-6078).

1. Ensure that system is recirculating with known amount of water in vessels and piping.
2. Add initial dose of KX-6078 to no more than 80 ppm residual peroxyacetic acid and 59 ppm residual hydrogen peroxide in use solution. This can be accomplished by initially adding 53.3 grams (47.8 mls) KX-6078 per 100 liters of water, or 1.0 fluid ounces KX-6078 per 16.4 gallons of water. Adjust as needed to maintain residual.

Continuous dose: (ensures steady state dosing of KX-6078 is maintained)

Meter no more than 80 ppm residual peroxyacetic acid and 59 ppm residual hydrogen peroxide in proportion to the fresh makeup water added to the system. For example, makeup water flow rates of 16.4 gallons per minute would require a maximum of 1 fluid ounce (29.6 mls) per minute of KX-6078. Makeup water flow rates of 100 liters per minute would require a maximum of 53.3 grams (47.8 mls) per minute of KX-6078. Adjust as needed to maintain residual. For either batch or continuous systems, rinse fruits and vegetables with potable water after contact with KX-6078 use solutions.

For Treatment of Fruit and Vegetable Surfaces:

Mix KX-6078 with water either batchwise or continuously to no more than 80 ppm residual peroxyacetic acid and 59 ppm residual hydrogen peroxide in use solution. This can be accomplished by initially adding 53.3 grams (47.8 mls) KX-6078 per 100 liters of water, or 1.0 fluid ounces KX-6078 per 16.4 gallons of water. Adjust as needed to maintain residual. The resulting solution can be sprayed on the surfaces of processed fruits and vegetables, followed by adequate draining and rinsing with potable water.

STORAGE AND DISPOSAL: DO NOT CONTAMINATE WATER OR FOOD BY STORAGE OR DISPOSAL

STORAGE: Product should be kept cool and in 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 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: 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.

EPA Est. 60156-IL-1

NET CONTENTS:

50 U.S. Gals. (189 liters)

KLENZADE®
Engineered
Cleaning Solutions

Manufactured by:

ECOLAB®

763963/5301/0796

FOOD & BEVERAGE DIVISION
Ecolab Inc.
370 Wabasha Street
St. Paul, MN 55102

APR 15 1997
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registration number 1677-184