



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

April 14, 1998

Steris Corporation  
P. O. Box 147  
Saint Louis, MO 63166

Attention: Michael G. Sarli

Subject: Steris-Vaprox Hydrogen Peroxide Sterilant  
EPA Registration Number 58779-4  
Your Submission Dated March 19, 1998  
EPA Received Date March 20, 1998

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to update as per PR Notice 98-2, and removal of French text from the product labeling, is acceptable.

On the left hand panel, place the term, "Oxidizer", under the signal word.

On the left hand panel, revise the phrase, "Shade form radiant heat", to read, "Shade from radiant heat."

On the left hand panel, revise the phrase, "Stow away form powdered metals and permanganates," to read "Stow away from powdered metals and permanganates."

Under the "Precautionary Statements" section, place a referral statement to read as follows, "See back panel for additional precautionary statements."

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely yours,



Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch -  
Antimicrobial Division (7510W)

# VAPROX™ HYDROGEN PEROXIDE STERILANT

ACTIVE INGREDIENT:  
Hydrogen Peroxide ..... 35%  
INERT INGREDIENT: ..... 65%

**KEEP OUT OF REACH OF  
CHILDREN  
DANGER**

**OXIDIZER; CORROSIVE**

SEE BACK PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

For use in VHP™ Industrial Equipment only.  
Shade from radiant heat. Store away from powdered  
metals and permanganates.

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**APR 14 1998**

NET CONTENTS:

STERIS Corporation  
5960 Heisley Road  
Mentor, OH 44060 • U.S.A.

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

5-8779-4

## STATEMENT OF PRACTICAL TREATMENT

**Do not get in eyes. IN CASE OF EYE CONTACT:** Immediately flush with plenty of water for at least 15 minutes, lifting upper and lower lids intermittently. Call a physician.

**Do not take internally. IF SWALLOWED:** Drink plenty of water immediately to dilute. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Avoid breathing vapors. USE ONLY WITH ADEQUATE VENTILATION. IF INHALED:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Avoid contact with skin and clothing. IN CASE OF SKIN CONTACT:** Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash contaminated clothing and shoes promptly. Discard contaminated shoes in a fireproof container.

## PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals**  
**DANGER: Corrosive.** Causes eye and skin damage. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Do not breathe vapor or spray mist. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

## Physical or Chemical Hazards

Liquid hydrogen peroxide is a strong oxidant and poses a FIRE, EXPLOSION OR CONTAINER RUPTURE HAZARD. Avoid excessive heat, contamination, or contact with combustible materials. Clothing, shoes, or other combustible materials that have come in contact with hydrogen peroxide must be immediately and thoroughly washed with water. If allowed to dry in the materials, a fire may result. Discard shoes in a fireproof container.

**IN CASE OF FIRE** use water only.  
When handling an open container, wear a NIOSH/MSHA approved respirator as necessary,

chemical splash goggles or full face shield, vinyl or neoprene gloves and other protective clothing and boots.

**CONTAIN SPILLS** and dilute with 20 parts of water. After diluting the spill, sodium metabisulfite or sodium sulfite (1.9 lbs. of SO2 equivalent per 500 ml of peroxide) may be used to destroy the peroxide.

**SEE EQUIPMENT MANUAL AND MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.**

## DIRECTIONS FOR USE

It is a violation to use this product in a manner inconsistent with its labeling.  
*This product is intended for use as a non-medical/non-healthcare sterilant (i.e., for industrial use only).* This product is for use in STERIS VHP® industrial equipment only, and by trained personnel. Use this product for sterilization in accordance with procedures defined in the Equipment Manual.

## STORAGE AND DISPOSAL

Store cartridges at or below 77°F or 25°C. Do not expose to cyanide, hexavalent chromium compounds, other oxidizers, reducers, combustible materials, or flammable vapors.

## PESTICIDE DISPOSAL

Rinse cartridges with 20 parts water and then empty into sink with running water. Hydrogen Peroxide is classified as a DOT oxidizer and a hazardous waste under U.S. EPA hazardous waste regulations and it is a violation of federal law to improperly dispose of pesticides.

## CONTAINER DISPOSAL

Rinse cartridge with running water and dispose of with normal nonincinerated waste.

## LOT NUMBER:

Not for sale or use after:

EPA Reg. No. 58779-4  
EPA Est. No. 58779-OH-1

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