STERIS
Life Sciences

VAPROX® HYDROGEN PEROXIDE STERILANT

APPLICATION

STERIS's Vaprox Hydrogen Peroxide Sterilant is the proprietary antimicrobial developed for use in STERIS Biodecontamination Units using STERIS's VHP® Process Technology.

DESCRIPTION

Vaprox Hydrogen Peroxide Sterilant is a specially formulated, stabilized, high-purity, 35% aqueous hydrogen peroxide solution. Other characteristics are as follows:

- Demonstrates broad-spectrum efficacy against viruses, bacteria, yeasts and bacterial spores
- Compatible with a wide range of materials (including metals, plastics and optics)
- Ensures biodecontamination[1] of environmental surfaces with no toxic residue
- Label includes directions for use, safety information, lot number, expiration date and reorder number
- Package insert is shipped with each lot
- Safety Data Sheet (SDS) and Certificate of Analysis are available online: www.sterislifesciences.com
- Governed by two expiration dates: Shelf Life and In-Use
- Produced under controlled conditions to assure effectiveness through expiration date stamped on label.

[1] *When using STERIS VHP Biodecontamination Units with Vaprox Hydrogen Peroxide Sterilant in the United States of America (USA), the term biodecontamination referred to in this document is defined as sterilization of exposed porous and non-porous surfaces in a pre-cleaned, dry, sealed enclosure.[2] Any reference to biodecontamination as it relates to the use of this equipment in the USA does not impart additional claims of effectiveness beyond that approved in the USA Environmental Protection Agency (EPA) registered labeling of Vaprox Hydrogen Peroxide Sterilant.*

[2] *Contained area to be biodecontaminated (e.g., rooms, facilities and equipment).*

(Typical - details may vary.)

To minimize exposure to liquid hydrogen peroxide during handling, Biodecontamination Units use specially designed disposable plastic containers (cartridges or cups), in a variety of sizes depending upon application, containing Vaprox Hydrogen Peroxide Sterilant.

STANDARDS

Vaprox Hydrogen Peroxide Sterilant complies with the following standards:

- **USA Environmental Protection Agency:** EPA Reg. No. 58779-4.

DIRECTIONS FOR USE

Before installing a Vaprox Hydrogen Peroxide Sterilant container, check expiration date printed on both carton and container. Do not use container if it is beyond its expiration date. For directions on container installation, follow Instructions for Use shipped with product or appropriate Operator Manual.

STERIS's VHP Process Technology produces hydrogen peroxide vapor from liquid Vaprox Hydrogen Peroxide Sterilant and disperses this vapor throughout the enclosure.

The Biodecontamination Cycle is conducted per the Fumigation Management Plan (FMP).

Ordering Information

CONTAINER INFORMATION

- ❑ PB006 - 1 Case (6 x 950 mL) Cartridges
- ❑ PB008 - 1 Case (8 x 141 mL) Cups
- ❑ PB027 - 1 Pail (5 gal [18.9 L])
- ❑ PB030 - 1 Drum (53 gal [200.6 L])

ACCESSORIES

- ❑ VH32 Siphon Cap
- ❑ VH33 Siphon Tube - Pail (5 gal [18.9 L])
- ❑ VH34 Siphon Tube - Drum (53 gal [200.6 L])

Item _____

Location(s)_____

_____

NOTE: STERIS Biodecontamination Units are only to be operated by Trained and Certified Applicators who have successfully completed both the STERIS Training and Certification Course for Applicators of Vaprox Hydrogen Peroxide Sterilant and the pertinent Biodecontamination Unit Operator Course. Certification must be active and in force for all Applicators of Vaprox Hydrogen Peroxide Sterilant.

NOTES

1. Do not use after expiration date printed on the packaging.
2. Users of Vaprox Hydrogen Peroxide Sterilant are required to take and pass the Vaprox Hydrogen Peroxide Sterilant Training and Certification Course (www.sterislifesciences.com). US ONLY
3. Not for use to reprocess reusable instruments for human use.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

ENGINEERING DATA

Typical Physical Properties:

H_2O_2 Concentration %	35.1 - 35.8[3]
Approximate pH	2.5 - 4.5
Physical State	Liquid
24-Hour Stability	≥ 96
Residue (After Evaporation) (ppm)[4]	≤ 60
Acidity (as H_2SO_4)(%)[4]	≤ 0.03
Iron (ppm)[4]	≤ 0.5
Tin (ppm)[4]	≤ 10
Phosphate (ppm)[4]	≤ 50
Lead (ppm)[4]	≤ 4

[3] Release specification for STERIS manufacturing.

[4]Specification Values based on Food Chemical Codex Standards.

Shelf Life Unopened Containers:

PB008	12 Months
PB006/PB027/PB030	24 Months

Shelf Life Opened (In Use) Containers:

PB006	45 Days
PB027/PB030	6 Months

Storage of Container:

Upright

At Room Temperature or below 77°F (25°C)

Not in Direct Sunlight

Do Not Freeze

Do Not Expose to Cyanide, Hexavalent Chromium compounds, other oxidizers, reducers, combustible materials or flammable vapors.

Disposal of Container:

Triple rinse empty container and dispose of in accordance with local, state and federal regulations.

For Further Information, contact:

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