

**GENERAL DESCRIPTION**

Vesphene IIIse Phenolic Disinfectant is an alkaline germicidal detergent designed to be an effective one-step disinfectant cleaner when diluted using one fluid ounce per gallon (0.8% v/v or 1:128) with soft or hard water to 400 ppm hardness and in the presence of 5% blood serum.

Vesphene IIIse phenolic disinfectant is intended for use as a disinfectant on washable hard, non-porous environmental surfaces such as floors, walls, counters, tools, carts and other equipment in pharmaceutical, medical device and cosmetic manufacturing facilities. Use the use-dilution for cleaning and disinfection of hard, non-porous surfaces such as metal surfaces such as stainless or galvanized steel and chrome, glazed porcelain, plastics, glass, glazed tile, washable painted or varnished surfaces, sealed concrete, as well as resilient vinyl, asphalt, linoleum, rubber, terrazzo or other combination-type floors.

**FEATURES**

Advanced phenolic formula that kills a range of gram positive, gram negative and acid fast bacilli. Both fungicidal and viricidal, including activity against Human Immunodeficiency Virus (HIV-1)

Hard water (400 ppm as CaCO<sub>3</sub>) effective

5% organic soil (serum) effective

**BENEFITS**

Broad spectrum germicidal activity, including TB, bacteria, and Human Immunodeficiency Virus (HIV-1)

Disinfection verified in most tap waters

Proven effective in simulated use conditions

**PHYSICAL PROPERTIES**

- Form. . . . . Clear, light amber to dark brown (may have greenish tint)
- Odor. . . . . Mild and characteristic
- Specific gravity (25°C [77°F]) . . . . . 1.11 typical
- Typical pH (undiluted). . . . . Approx. 12.5
- Typical pH (1:128 dilution). . . . . 10.6 typical

**BACTERICIDAL PROPERTIES**

The official test for determining the germicidal efficacy of a one-step cleaner disinfectant is the Use-Dilution Method as stated in the *AOAC Methods of Analysis*. Vesphene IIIse phenolic disinfectant concentrate diluted 1:128 in 400 ppm (CaCO<sub>3</sub>) hard water is effective against the following microorganisms in the presence of 5% blood serum, 10 minutes at 19-21°C.

<i>Acinetobacter baumannii</i>	ATCC 19606
<i>Burkholderia cepacia</i>	ATCC 25416
<i>Enterobacter cloacae</i>	ATCC 13047
<i>Escherichia coli</i>	ATCC 25922
<i>Listeria monocytogenes</i>	ATCC 19111
<i>Micrococcus yunnanensis</i>	ATCC 7468

<i>Mycoplasma gallisepticum</i>	ATCC 15302
<i>Pseudomonas aeruginosa</i>	ATCC 15442
<i>Serratia marcescens</i>	ATCC 14756
<i>Staphylococcus aureus</i>	ATCC 6538
<i>Staphylocococcus epidermidis</i>	ATCC 12228
<i>Streptococcus pyogenes</i>	ATCC 19615

## FUNGICIDAL PROPERTIES

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The official test for determining the fungicidal efficacy of a one-step cleaner disinfectant is the AOAC fungicidal method as described in the AOAC Methods of Analysis, and modified as required by EPA regulations. Vesphene IIIse phenolic disinfectant concentrate diluted 1:128 in 400 ppm (as CaCO<sub>3</sub>) hard water is effective against *Trichophyton interdigitale* (ATCC 9533) in the presence of 5% blood serum, 10 minutes at 19-21°C.

## TUBERCULOCIDAL PROPERTIES

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Vesphene IIIse phenolic disinfectant passes the AOAC Tuberculocidal Test Method 965.12 [*Mycobacterium tuberculosis var. bovis (BCG)*] when diluted 1:128 with 400 ppm AOAC hard water in the presence of 5% organic soil (serum), 10 minutes at 19-21°C.

## VIRUCIDAL PROPERTIES

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When using the EPA Proposed Method (ASTM 1053-11), Vesphene IIIse phenolic disinfectant is effective against the following viruses at a 1:128 dilution in 400 ppm hard water and 5% serum in 10 minutes at 19-21°C.

*Adeno Virus Type 2*

*Human Immunodeficiency Virus Type 1 (HIV-1)*

*Influenza A2 Virus (H2N2) A/2/Japan/305/57 (Charles River Laboratories)*

## DIRECTIONS FOR USE

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

### **Cleaning and Disinfecting Washable Hard, Non-Porous Surfaces:**

To make one gallon of solution, pre-measure one gallon of water, remove one fluid ounce (30cc) of water and replace with one fluid ounce of product (Vesphene IIIse Phenolic Disinfectant). Gently mix until solution is uniform. **NOTE:** Always add this product (concentrate) to pre-measured water. Apply solution with a cloth, sponge, mop, brush or by coarse spray using normal cleaning methods. Allow treated surfaces to remain wet for 10 minutes, then remove excess solution with a wrung out applicator. A properly prepared solution of this product is intended for use as a hard surface disinfectant. Make daily preparation, but when planning to store preparation up to 35 days, dilute product with deionized water. Before cleaning begins, always sweep or dust mop area to be cleaned thoroughly, removing any gross filth. This is a complete product. Do not add or dilute with other chemicals. If frozen, thaw and re-mix before use. Use only as directed.

### **Kills HIV on Precleaned Environmental Surfaces/Objects Previously Soiled With Blood and Bodily Fluids**

In settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or bodily fluids, and which the surfaces/objects likely to be soiled with blood or bodily fluids can be associated with potential for transmission of human immunodeficiency virus Type HIV-1 (associated with AIDS).

### **Special Instructions for Cleaning and Decontamination Against HIV-1 (Human Immunodeficiency Virus or AIDS Virus) on Surfaces/Objects Soiled with Blood/Body Fluids:**

**Personal Protection:** Wear appropriate barrier protection such as latex gloves, gowns, masks and eye coverings.

**Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of a 1:128 use-solution (one ounce per one gallon). Prepare and apply solution as directed in paragraph above.

**Contact Time:** Allow treated surfaces to remain wet for 10 minutes.

**Infectious Materials Disposal:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious disposal.

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Do not store near heat or open flame. If frozen, thaw and remix before use.

**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 the 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:** (For Packet:) Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available or dispose in sanitary landfill or by other procedures approved by state and local authorities.

(For  $\leq$  5 gal:) Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available or dispose in sanitary landfill or by other procedures approved by state and local authorities. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

(For > 5 gal:) Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available or dispose in sanitary landfill or by other procedures approved by state and local authorities. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

## SERVICE

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### Sales

Service is one of the most important ways to verify consistent quality of the facility's performance and operation. A tailored service program by STERIS provides effective, trouble-free operations.

### Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. More details on how this service can benefit a facility's particular situation can be provided upon request.

## PRECAUTIONS

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Information concerning human and environmental exposure may be reviewed on the Safety Data Sheet (SDS) for the product. For additional information regarding incidents involving human and environmental exposure, call 314-535-1395.

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### For further information, please contact:



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