**VITAL DEFENSE-D**

**CONCENTRATED SURFACE DISINFECTANT AND HOLDING SOLUTION**

- **Tuberculocidal**
- **Virucidal**
- **Bactericidal**
- **Fungicidal**

**DILUTES TO MAKE 8 GALLONS OF ACTIVE SOLUTION**

<table>
<thead>
<tr>
<th>Active Ingredients</th>
<th>Quart</th>
<th>Liter</th>
</tr>
</thead>
<tbody>
<tr>
<td>c-phenylphenol</td>
<td>9.0%</td>
<td></td>
</tr>
<tr>
<td>c-benzyl-p-chlorophenol</td>
<td>1.0%</td>
<td></td>
</tr>
<tr>
<td>Inert Ingredients</td>
<td>90.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

**DANGER:**

Keep Out of Reach of Children

Sea Side Panel for Additional Precautionary Statements

| 1 Quart | 32 fluid oz., .95 liters |

**DISTRIBUTED BY:**

VITAL DEFENSE COMPANY

5120 E. 58th Ave., Commerce City, CO 80022 303-1-800-518-2001

**TO PREPARE 1:12 USE-DILUTION**

<table>
<thead>
<tr>
<th>To Make</th>
<th>1 Pint</th>
<th>1 Quart</th>
<th>1 Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>15 1/2 fl. oz.</td>
<td>31 fl. oz.</td>
<td>62 fl. oz.</td>
</tr>
<tr>
<td>Vital Defense-D</td>
<td>1 fl. oz. (15 ml)</td>
<td>2 fl. oz. (30 ml)</td>
<td>4 fl. oz. (60 ml)</td>
</tr>
</tbody>
</table>

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV ON SURFACES OR OBJECTS SOILED WITH BLOOD OR BODY FLUIDS**

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids or when conducting procedures which might lead to contact with blood or body fluids, always wear latex gloves, gowns, masks and eye coverings.

**CLEANING PROCEDURES:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

**CONTACT TIME:** Vital Defense-D when diluted 1:12 has been shown to be effective in destroying the HIV-1 (AIDS virus) in 60 seconds at 20°C. This contact time will not control other common types of viruses and bacteria.

**DISPOSAL OF INFECTIOUS MATERIAL:** Blood and other body fluids should be sterilized and disposed of according to local regulations for infectious waste disposal.

**PRECAUTIONARY STATEMENT:** Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if inhaled, swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear goggles, face shields (safety glasses), protective clothing (long-sleeve shirt and long pants), socks, plus chemical resistant gloves such as rubber gloves.

**USER SAFETY REQUIREMENTS:** Follow manufacturers’ instructions for cleaning/maintaining PPE. If the manufacturer’s instructions are not available, the guidelines below should be used.

**USER SAFETY RECOMMENDATIONS:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID**

- If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes. Keep continuous rinsing. Call a poison control center or doctor for treatment advice.

- If on Skins or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

- If ingested: Do not induce vomiting unless advised to do so by a Poison Center. Call a Poison Center or doctor. Do not give anything by mouth to an unconscious person.

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

**DIRECTIONS FOR USE**

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

Vital Defense-D is designed for use on hard non-porous surfaces and for holding solutions in medical, dental, laboratory and veterinary facilities. Thoroughly clean surfaces of items to be disinfected and dry off Vital Defense-D is a concentrated solution and must be diluted 1:12 with water prior to instrument soak and/or disinfection of dental and medical instruments or disinfection of hard environmental surfaces. This product is not to be used as a terminal sterilant/sterilization agent on any surface or instrument that is introduced directly into the human body, either as to or in contact with the bloodstream or normally sterile areas of the body, or that becomes intently aseptic. The product is not effective on or in contact with the bloodstream or normally sterile areas of the body. The product may be used to precise and/or disinfect medical devices prior to sterilization or high-level disinfection.

Soil/Decontamination — Immerse items in diluted Vital Defense-D solution for instrument soak and/or disinfection of medical and dental instruments. Rinse articles thoroughly leaving no soil or disinfectant residue. Organic materials or water reintroduced into the diluted product may affect products effectiveness. Discard the used solution daily or sooner if it becomes diluted or soiled.

Ultrasonic Cleaning — Place instruments into diluted Vital Defense-D solution and activate ultrasonic unit. When instruments are clean, remove and rinse thoroughly. Change solution daily or sooner if it becomes diluted or soiled.

Cleaning — Apply Vital Defense-D directly to surface, using a mop or spray bottle. Wipe surface to remove debris and solution using a clean paper or cloth towel and discard

**HAND SURFACE DISINFECTION —** Vital Defense-D solution should be applied to the skin surface. It is a shelf life of 60 days. Store in a dry area and discard container such as a spray bottle.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep out of the reach of children.

**PESTICIDE DISPOSAL:** Pesticide waste is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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:** Do not reuse empty container. Dispose of container and contents in a sanitary landfill, or incinerate.