



**AQUA  
SHIELD**

## **DEFENDER**

### **APPLICATION DIRECTIONS**

#### **Surface Preparation:**

##### **TO DISINFECT HARD NON-POROUS SURFACES:**

For disinfecting pre-cleaned hard non-porous surfaces such as glass, plastic, painted wood, laminate, chrome, stainless steel, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete & linoleum floors. Types of items include: appliances, bed frames, cabinet handles, wheelchairs, child car seats, counters, cribs, doorknobs, tables, tubs, exterior toilet surfaces, faucet handles, handrails, jungle gyms, keyboards, light switch covers, patio furniture, showers, sinks, stovetops, telephones, toys, walls, waste containers. Apply AquaShield Defender full strength to pre-cleaned hard non-porous surfaces, wetting thoroughly with spray, sponge, mop, or by immersion in solution. Allow surfaces to remain wet for 5 minutes for virus inactivation - 10 minutes for bacteria disinfection. For immersion replace solution daily, or more frequently if it becomes significantly soiled or diluted. For machine application, see the AquaShield Defender supplemental Bulletin specific for the equipment to be used.

**FOGGING AND MISTING:** AquaShield Defender can be applied by fogging or misting to disinfect hard, nonporous surfaces as an adjunct to regular manual cleaning and disinfecting procedures. AquaShield Defender is recommended for use as a supplemental measure either before or after regular cleaning and disinfecting procedures. Apply by fogging or misting until surface is moist using equipment manufacturers directions for use. Remove or carefully protect all food and food packaging materials prior to treatment. Vacate treatment area and do not reenter treated area until air is clear (minimum 10 minutes to reentry).

**TO PREVENT MOLD OR MILDEW ON FLOORS, WALLS, CEILINGS & FABRIC:** Remove as much surface dirt, mold, or mildew as possible by cleaning. Then spray on AquaShield Defender from a distance of 12 inches until visibly wet and let air dry.

**TO SANITIZE NON-FOOD CONTACT HARD NON-POROUS SURFACES:** Staphylococcus aureus (ATCC 6538) and Enterobacter aerogenes (ATCC 13048) Mix 1 part AquaShield Defender with 9 parts water. Apply AquaShield Defender as a one step cleaner sanitizer (5% organic soil load) by wetting thoroughly and let stand 5 mins. wipe and allow to air dry. No rinse required.

**TO DISINFECT FARM PREMISES, POULTRY HOUSES, ANIMAL PENS & VEHICLES:** Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with AquaShield Defender for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Allow to air dry. Ventilate buildings, cars, boats, and other closed spaces. Drain any pooled product and/or rinse standing product with potable water. Do not house livestock or employ equipment until treatment has been absorbed, or dried.

**This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization of high level disinfection.** \*\*This product is not to be used as a terminal sterilant/high level disinfectant on any surface of instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. KILLS HIV-1, HBV, AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces /objects with blood or body fluids and surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency virus type1 (HIV-1) (associated with AIDS), Human Hepatitis B virus, and Human Hepatitis C virus.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV, and HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS**

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to Federal, State and local regulations for infectious waste disposal. **CONTACT TIME:** Allow surfaces to remain wet for 5 minutes.

**STORAGE AND DISPOSAL:** Store in original closed container in a cool, dry place away from heat and open flame. Non-refillable. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container. **Container Disposal:** Rinse and offer empty container for recycling. If recycling is not available discard container in trash. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Discard excess or used AQUASHIELD DEFENDER solution in drain with running water.

**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS & DOMESTIC ANIMALS.** Causes moderate eye irritation. Avoid contact with eyes.

**FIRST AID: IF IN EYES:** Hold eye open and rinse slowly with water 15-20 minutes. Remove contact lenses after first 5 minutes and continue rinsing. Call a Poison Control Center or doctor for treatment advice. Have product container or label with you when calling a Poison Control Center or doctor, or when going for treatment.