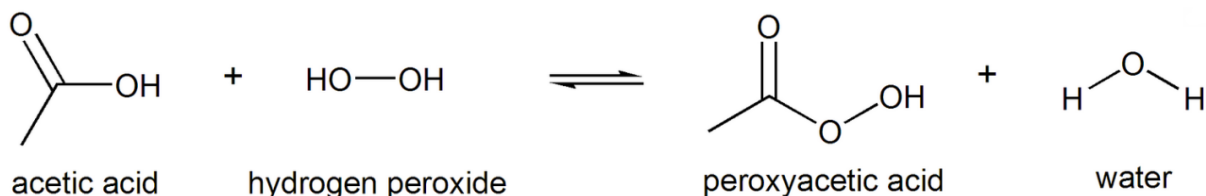




# **NEUTRA-GUARD™** *The new smell of clean®.* **PEROXYACETIC ACID-BASED DISINFECTANT & CLEANER**



- **Kills c-diff spores in 2 minutes**
- **Effective against M.R.S.A.\*\* (methicillin resistant staphylococcus aureus)**
- **Meets the Interim Protocol disinfectant recommendations for Ebolavirus issued by the CDC and OSHA.**
- **May be used against Monkeypox <sup>1</sup>**
- **Economical concentrate dilutes 1:32.**
- **Low corrosivity to stainless steel.**
- **Acidic Friendlier Chemistry – decomposes to water and oxygen**
- **Meets new CDC interim recommendations for Candida Auris.<sup>‡</sup>**

- Broad spectrum microbial action
- Wide temperature range
- Single use product for all surfaces
- Effective up to pH 8.0
- Removes mineral deposits
- No rinse required after sanitation
- Good Environmental Profile
- Low corrosivity to stainless steel
- Does not bind to cotton like most quats

Neutra-Guard™ is a new generation of disinfectant made with hydrogen peroxide and peracetic acid. Neutra-Guard is designed to meet the challenges created by hard-to-kill organisms like c-diff. As a disinfectant that kills both enveloped and non-enveloped viruses it brings a higher level of disinfection to the table, when needed. It will find immediate acceptance by housekeeping personnel in hospitals, nursing homes, and immediate care facilities. It also has a place in other facilities needing the extra disinfecting power for outbreaks or other special needs.

Neutra-Guard is diluted at 1:32 or 4 ounces per gallon for water of 0 to 400 ppm hardness.

Neutra-Guard is bactericidal, virucidal and fungicidal. It is for use on hard non-porous



surfaces such as floors, walls, plastic surfaces, porcelain surfaces, stainless steel and other metal surfaces. It may be applied with microfiber products, mop, sponge or cloth as well as by spraying or soaking.

**Safer to use:** Neutra-Guard, at use-dilution, is designed to solve the problems of bleach: corrosive to metals, hazardous use-dilution at 1:10, potential to form chlorine gas or other poison gases if mixed with other cleaners, lack of organic soil tolerance and lack of assurance that bleach maintains its strength and ability to disinfect. It has been shown that better disinfection results when personnel enjoy using the product and therefore, use it properly for greater germ killing efficacy. The use-dilution of 1:32 requires only minimal personal protective equipment, which are usually already being used for all cleaning procedures.

**Technical Information:** We invite you to compare the Neutra-Guard germ killing statistics with any other disinfectant-cleaner. Neutra-Guard is effective against a broad range of bacteria including c-diff (both vegetative and spore states), M.R.S.A., various antibiotic resistant strains of Strept. and others. It is also virucidal against \*HIV-1 (AIDS), Herpes simplex Type I and II, norovirus, rotavirus and many other viruses. Neutra-Guard is also fungicidal as evidenced by its performance against Trichophyton Interdigitale (athlete's foot).

**Mixing, Use and Efficacy Information:** Neutra-Guard's use solution is a one step hospital use disinfectant, cleaner and deodorant designed for general cleaning and disinfecting of hard, nonporous inanimate surfaces. Quickly removes dirt, grime, fungus, food residue, blood and other organic matter commonly found in health care facilities. It also eliminates odors leaving surfaces smelling clean and fresh. Use where odors are a problem.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or 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. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**SPORICIDAL:** Clostridium difficile - This product kills and/or inactivates spores of Clostridium difficile on hard, non-porous surfaces. This product is effective against Clostridium difficile endospores after a 2 minute exposure time.

#### **SPECIAL INSTRUCTIONS FOR CLEANING PRIOR TO DISINFECTION AGAINST Clostridium difficile SPORES**

**Personal Protection:** Wear appropriate barrier protection such as gloves, gowns, masks or eye

covering.

**Contact time:** Leave surface wet for 2 minutes with 4 fluid ounces per gallon use solution.

**Cleaning Procedure:** Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, mop, and/or sponge saturated with the disinfectant product. This cleaning may be accomplished with any cleaning solution, including this product. Cleaning is to include vigorous wiping and/or scrubbing, until all visible soil is removed. Special attention is needed for high-touch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the spores. Restrooms are to be cleaned last. Do not reuse soiled cloths. Infectious Materials Disposal: Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal.

**DISINFECTION IN INSTITUTIONS** (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions): At 4 fluid ounces per gallon of water (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 2-minute contact time, this product is effective against the

following organisms on hard non-porous surfaces:

Acinetobacter baumannhi  
Community Acquired Methicillin Resistant Staphylococcus aureus (CA-MRSA)  
Escherichia coli  
Escherichia coli with beta-lactamase resistance (ESBL)  
Klebsiella pneumoniae  
Klebsiella pneumoniae Carbapenem Resistant  
Methicillin Resistant Staphylococcus aureus (MRSA)  
Proteus mirabilis  
Pseudomonas aeruginosa  
Salmonella enterica  
Staphylococcus aureus  
Streptococcus pneumoniae  
Streptococcus pyogenes  
Vancomycin Intermediate Resistant Staphylococcus aureus (VISA)  
Vancomycin Resistant Enterococcus faecalis (VRE)

**VIRUCIDAL PERFORMANCE:** At 4 fluid ounces per gallon of water use level (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 2-minute contact time, this product was evaluated and found to be effective against the following viruses on hard non-porous surfaces:

Adenovirus type 5  
Herpes simplex virus type 1  
Herpes simplex virus type 2  
Human Immunodeficiency virus type 1  
Influenza A virus

Murine Norovirus  
Norovirus  
Respiratory syncytial (RSV) virus  
Rhinovirus type 37  
Rotavirus  
Vaccinia virus

**VIRUCIDAL\* PERFORMANCE:** At 4 fluid ounces per gallon of water use level (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 5-minute contact time, this product was evaluated and found to be effective against the following viruses on hard nonporous surfaces:

Bovine Viral Diarrhea Virus BVDV  
Canine Parvovirus (CPV)  
Hepatitis B Virus  
Hepatitis C Virus

**FUNGICIDAL ACTIVITY:** At 4 fluid ounces per gallon use-level (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 2-minute contact time, this product is effective against the following organisms:

Candida albicans  
Trichophyton mentagrophytes-Athlete's foot fungus/a cause of Ringworm.

**PREPARATION OF DISINFECTION VIRUCIDAL\*/FUNGICIDAL USE SOLUTION:** For use with water hardness up to 400 ppm. Before using this product, food products and packaging materials must be removed from the room or carefully protected. For heavily soiled areas, a preliminary cleaning is required. Apply 4 fluid ounces of this product per gallon of water use solution (or equivalent use dilution) to disinfect hard, non-porous surfaces. Apply use solution with a brush, cloth, mop, sponge or mechanical spray device, hand pump, coarse pump or trigger spray device, thoroughly wetting surfaces as required. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, sponge, mop or cloth. Treated surfaces must remain wet for 2 minutes, 5 minutes for HBV and HCV. Rinse or allow to air dry. Rinsing is not necessary unless floors are to be coated with finish or restorer. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Do not use this product to clean or disinfect utensils, glassware, dishes or interior surfaces of appliances. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**\*KILLS HIV, HBV AND HCV ON PRECLEANED 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 in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) associated with AIDS and Duck Hepatitis B Virus (HBV) and Bovine Viral Diarrhea Virus BVDV

surrogate for 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:** Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection.

**Cleaning Procedure:** Blood and other body fluids containing HIV-1, HBV and HCV must be thoroughly cleaned from surfaces and objects before application of this product.

**Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**Contact Time:** Leave surface wet for 2 minutes with a 4 fluid ounce per gallon of water use solution for HIV, leave surface wet for 5 minutes for HBV and HCV (or equivalent use dilution).

### **COMBINATION DISINFECTION AND CLEANING:**

This product is effective against the labeled organisms at 4 fluid ounces per gallon of water in hard water and 5% blood serum on hard nonporous surfaces. For heavily soiled areas a precleaning step is required. Apply solution with mop, cloth, sponge, brush, scrubber, or coarse spray device or by soaking so as to wet all surfaces thoroughly. Allow to remain wet for required contact of 2 minutes and then either allow to air dry or if desired remove solution and entrapped soil with a clean wet mop, cloth, or wet vacuum pickup. Prepare a fresh solution daily or when it becomes soiled or diluted.

**TO DEODORIZE:** Apply this product use solution to completely wet all surfaces. Let stand for 2 minutes to kill odor causing bacteria then wipe or allow to air dry. For heavily soiled areas, a precleaning is required.

### **DISINFECTION OF ANIMAL AND POULTRY PREMISES, TRUCKS, COOPS AND CRATES:**

This product is used in animal hospitals, animal laboratories, kennels, pet shops, zoos, pet animal quarters, poultry premises, poultry hatcheries, and livestock quarters. When used as directed this product is specifically designed to disinfect, deodorize and clean hard, non-porous surfaces such as walls, floors, sink tops, furniture, operating tables, kennel runs, cages, and feeding equipment. In addition this product will deodorize those areas which are generally hard to keep smelling fresh, such as garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganisms.

### **DISINFECTION OF POULTRY PREMISES:**

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. Remove all poultry and feeds from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with a detergent and rinse with water.

Saturate surfaces with 4 fluid ounces per gallon water (or equivalent use dilution) solution of this product for a period of 2 minutes. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with a detergent and rinse with potable water before reuse. Ventilate buildings, coops and other enclosed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried. All treated equipment that comes in contact with food, feed, or drinking water must be rinsed with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

#### **DISINFECTION AND DEODORIZING OF ANIMAL HOUSING FACILITIES (BARN, KENNELS, HUTCHES, ETC.):**

Remove animals and feed from premises, vehicles, and enclosures. Remove all litter and droppings 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 equipment. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces by applying 4 fluid ounces per gallon of water (or equivalent use dilution) solution of this product with a mop, brush, or coarse spray. Wet all surfaces and allow to remain wet for 5 minutes. Immerse all halters and other types of hard non-porous equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure. Ventilate buildings and other enclosed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with a soap or detergent, and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**Damon Extras:** Your Damon Industries account manager is prepared to train your staff in the proper use of disinfectants through an in-service program. Wall signs and RTU bottle labels are available.

#### **Product Data:**

**Dilution rate:** 4 oz. per gallon (1:32) for water hardness up to 400 ppm and organic soil up to 5%.

**Fragrance:** Vinegar (*The new smell of clean.*)

**pH of use dilution:** 2.5 ± 0.5

**Health & safety:** Use-dilution - WARNING: Eye Irritant and possible skin irritant at 1:32 dilution.

#### **Packaging:**

One gallon recyclable polyethylene jugs packed 4 per case. Jug has a non-removable metering adapter closure to prevent more than incidental contact with the concentrate. The product must be used with a chemical dilution device such as a Hydro dispenser.

#### **Additional information:**

Additional information provided by the EPA, CDC and

OSHA regarding use against organisms not specifically listed here, but for which generalizations or interim guidelines have been issued that are applicable to this product.

**Influenza A variants:** EPA believes, based on available scientific information, that the currently registered influenza A virus products will be effective against the 2009-H1N1 flu strain and other influenza A virus strains on hard, non-porous surfaces.

<http://www.epa.gov/oppad001/influenza-disinfectants.html>

**Ebolavirus:** There are no disinfectants currently available with a specific claim against the Ebola virus. For now the CDC Interim Protocol, and the OSHA guidelines for Ebola, recommend a disinfectant that is effective against norovirus, rotavirus, adenovirus or poliovirus. Neutra-Guard has an EPA approved kill claim for norovirus and rotavirus, and thus meets the interim protocol for Ebola. Requires a wet time of 2 minutes.

<http://www.cdc.gov/vhf/ebola/hcp/environmental-infection-control-in-hospitals.html>

‡ **Candida Auris:** There are no disinfectants currently available with a specific claim against the fungus *Candida auris*. For now the CDC in its [Candida Auris Interim Recommendations for Healthcare and Laboratories](#) recommends use of an *Environmental Protection Agency (EPA)-registered hospital-grade disinfectant effective against Clostridium difficile spores*. Neutra-Guard has an EPA approved kill claim for c-diff spores, and thus meets the interim protocol for *Candida auris*. The label directions require a wet time of 2 minutes for c-diff spores and 2 minutes for fungicidal activity so this would seem to be a prudent wet time to use.

<https://www.cdc.gov/fungal/diseases/candidiasis/recommendations.html>

#### **<sup>1</sup> MONKEYPOX**

This product has demonstrated effectiveness against viruses similar to *Monkeypox* on hard, nonporous surfaces. Therefore, this product can be used against *Monkeypox* when used in accordance with the directions for use against *Canine Parvovirus* on hard, nonporous surfaces. Refer to the CDC website at <https://www.cdc.gov/poxvirus/monkeypox/index.html> for additional information.