

TURFDEFENDER-DISINFECTANT N601



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EPA Disinfectant Sanitizer Fungicide Virucide for synthetic turf sports fields.

Clear, neutral, no rinse disinfectant for use on synthetic grass artificial turf sports fields. Concentrated product has to be diluted. Even after dilution with water its acts as a very effective broad-spectrum hospital grade disinfectant, cleaner. **Kills a broad spectrum of germs, virus, bacteria, microbes, fungi, mildew, spores.** EPA Reg.No. 10324-63-8370 EPA Est. 8370-IL-1

Quart bottles, Gallon bottles, 5-gallon buckets.

FEATURES

- SAFE FOR USE ON SYNTHETIC TURF, ARTIFICIAL GRASS SPORTS FIELDS.
- No rinse food contact sanitizer
- Kills Pandemic 2009 H1N1 Influenza A Virus
- Kills e. Coli
- Kills MRSA and CA-MRSA
- Kills HBV and HCV
- Mildew stat and fungicide

DIRECTIONS

It is a violation of Federal Law to use N601+ in a manner inconsistent with its labeling.

N601+ 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.

N601+ may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection. Before use in federally inspected meat and poultry food processing plants, food products and packaging materials must be removed from room or carefully protected.

A potable water rinse is not allowed following use of N601+ as a sanitizer on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains.

Apply **N601+** with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. For sprayer applications, use a mechanical spray device or trigger spray device. Spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray.

NOTE: With spray applications, cover or remove all food products. A fresh solution should be prepared at least daily or when use solution becomes visibly dirty. For heavily soiled areas, a preliminary cleaning is required.

DISINFECTION

Hospitals, Dental Offices, Nursing Homes and other Health Care Institutions.

For disinfecting floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails and other hard non-porous surfaces: Add 4 ounces of N601+ to 5 gallons of water (625 ppm active quat). Treated surfaces must remain wet for 10 minutes.

At this use level, **N601+** is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum against: Burkholderia cepacia, Pseudomonas aeruginosa, Campylobacter jejuni, Corynebacterium ammoniagenes, Salmonella typhi, Escherichia coli O157:H7, Shigella sonnei, Enterococcus faecium Vancomycin Resistant, Staphylococcus aureus, Klebsiella pneumoniae, Staphylococcus aureus Methicillin resistant, Listeria monocytogenes, Proteus mirabilis, Yersinia enterocolitica.

Virucidal Performance:

At 4 ounces per 5 gallons use level (625 ppm active quat), N601+ was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard nonporous environmental surfaces. Avian influenza /Turkey/Wisconsin, Influenza A2/Japan, Bovine Viral Diarrhea, Infectious Bronchitis Virus, Herpes Simplex Type1, Herpes Simplex Type 2, Vaccinia virus, Hepatitis B Virus.

At 4 ounces per 5 gallons (or equivalent use dilution) (625 ppm active quat) in the presence of 200 ppm hard water (CaCO₃) and 100% serum N601+ was proven to be effective against (Duck) Hepatitis B Virus with a contact time of 10 minutes.

Disinfection in Non-Medical Facilities (schools, restaurants, food services, farm, beverage and food processing plants): Add 4 ounces of N601+ to 5 gallons of water (469 ppm active quat).

At this use level, N601+ is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum with a 10- minute contact time against: *Campylobacter jejuni*, *Escherichia coli* 0157:H7, *Staphylococcus aureus*, *Listeria monocytogenes*, *Staphylococcus aureus* (Methicillin resistant), *Proteus mirabilis*, *Yersinia enterocolitica*.

***KILLS HIV AND HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care setting or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with 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 I (HIV-1) (associated with AIDS).

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

Personal Protection: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

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: Leave surfaces wet for two minutes with 4 ounces per 5 gallons (or equivalent use dilution) (625 ppm active quat) use solution. This contact time will not control other common types of viruses and bacteria. For HBV, leave surfaces wet for 10 minutes with 4 ounces per 5 gallons (or equivalent use dilution) (625 ppm active quat) in the presence of 200 ppm hard water (CaCO₃ and 100% serum). Efficacy tests have demonstrated that N601+ is an effective bactericide, virucide and fungicide in the presence of organic soil (5% blood serum).

Fungicidal Activity: At 4 ounces per 5 gallons use-level, (or equivalent use dilution) (625 ppm active quat) N601+ is effective against *Trichophyton mentagrophytes* (athlete's foot fungus) on inanimate surfaces in the presence of 5% blood serum.

Mold and Mildew Control: At 4 ounces per 5 gallons, (or equivalent use dilution) (625 ppm active quat) N601+ will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat treatment every seven days or when new growth appears.

To disinfect food service establishment food contact

surfaces: countertops, appliances, tables add 4 ounces of N601+ to 5 gallons of water (or equivalent use dilution) (625 ppm active quat). Before using N601+, food products and packaging materials must be removed from area or carefully protected. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge, auto scrubber, mechanical spray device or by immersion so as to wet all surfaces thoroughly. For sprayer applications, spray 6-8 inches from surface. Allow to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water.

DIRECTIONS FOR SPRAY APPLICATION ON SYNTHETIC TURF SPORTS FIELDS :

- **THIS IS AN EPA REGISTERED PRODUCT. PLEASE FOLLOW ALL APPLICATION PROCEDURES AS LISTED ON THE LABEL, TDS and SDS.** Use good housekeeping procedures & precautions during storage, use and disposal of empty containers.
- WEAR PROTECTIVE CLOTHING, GLOVES AND SAFETY GLASSES.
- TRY AND KEEP AWAY FROM SKIN CONTACT.
- DILUTE 5 ounces of product with 5 gallons of water.
- USE appropriate and sturdy spray equipment.
- Pump-up sprayer, approved mister or a ride-on sprayer can be used.
- Spray product in sharp lines and at the recommended coverage.
- Let product soak. It will do the job, no need to scrub or agitate.
- Any excess or spray on unwanted surfaces can be mopped off.
- No need to rinse after application.