



Total Shield Plus HG™

Sporicidal/Virucidal/Bactericidal Formula

DESCRIPTION

Sterile Total-Shield Plus HG™ is an EPA registered, one-step disinfectant/cleaner designed to remove surface contaminants and pathogens, and disinfect hard, non-porous surfaces. This all-in-one, broad-spectrum formulation is fast-acting and effective as a detergent, cleaner, disinfectant, sporicide/sterilant, deodorizer and fungicide, which has been proven to kill all microbial life.

KEY INFORMATION

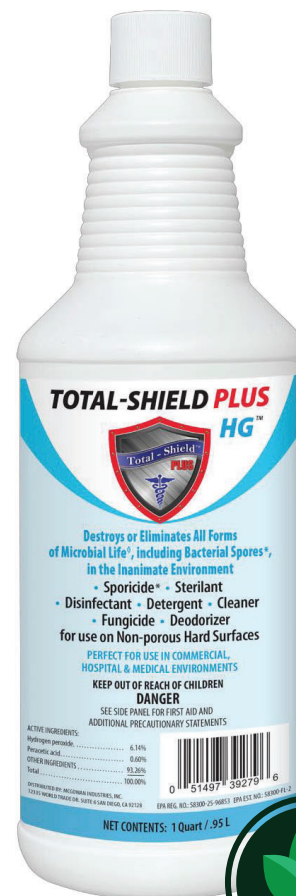
Sterile Item Number: 877587HG32

Case Configuration: (6)32fl. oz Pop Top Bottles/Case

- Fast-acting efficacy against Spores, Viruses, Bacteria, Mold, and Fungi
- All-In-One: Detergent, Cleaner, Disinfectant, Sporicide/Sterilant, Deodorizer and Fungicide
- Biodegradable-Safe for the environment
- Highly compatible with most non-porous surfaces including stainless steel and aluminum

TESTING

- Bactericidal-Pseudomonas Aeruginosa, Salmonella, Staphylococcus Aureus, Methicillin Resistant Aureus (MRSA)
- Virucidal- SARS-CoV-2
- Fungicidal- Aspergillus Niger, Trichophyton Metagrophytes





Total Shield Plus HG™

DECONTAMINATION OF HAZARDOUS DRUGS ON HARD, NON-POROUS SURFACES

Total-Shield Plus HG™ Sporidical Disinfectant Solution (EPA Reg. No. 58300-25-96853) effectively removes hazardous drugs from hard, non-porous surfaces including stainless steel.

Personal Protection (PPE)

Individuals who are using Total-Shield Plus HG™ Disinfectant and items contaminated with hazardous drug compounds must protect themselves by wearing appropriate gowns, head and hair covers, shoe covers, eye protection, and two pairs of chemotherapy gloves, or as described in the organization's standard operating procedures.

Material Compatibility

The active ingredients in Total-Shield Plus HG™ break down into water, vinegar, and oxygen during use, leaving no persistent, harmful, or corrosive residues behind. As a result, Total-Shield Plus HG™ can be safely used on various surfaces. Unlike products containing sodium hypochlorite (bleach), Total-Shield Plus HG™ will not corrode or pit stainless steel during normal use.

Decontamination and Disinfection of Contaminated Surfaces

Surfaces contaminated with hazardous drug compounds should be thoroughly cleaned using Total-Shield Plus HG Disinfectant in conjunction with disposable ISO 5 wipes or the appropriate cleaning tool pads per the following decontamination protocol:

1. Remove excess liquid from the surface to be treated using dry ISO 5 wipes.
2. Saturate new dry wipe or cleaning tool pad with Total-Shield Plus HG solution.
3. Clean the surface with the saturated wipe or cleaning tool, utilizing overlapping and unidirectional strokes.
4. Discard contaminated pads or wipes in a manner consistent with facility guidelines and local regulations.
5. Repeat steps 2-4 as needed
6. Finish by wiping with sterile alcohol (70% isopropyl alcohol/30% deionized water) using a pre-saturated wipe, sterile alcohol with an ISO 5 wipe, or cleaning tool pad.

Decontamination Results for Common Hazardous Drugs*

Using Total-Shield Plus HG™ disinfectant, according to the decontamination protocol outlined above, and testing at an accredited third-party lab demonstrates the percent removal of various types of hydrophilic and hydrophobic hazardous drugs:



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Antineoplastic Agent	5-Fluorouracil	Cyclophosphamide	Ifosfamide	Methotrexate	Paclitaxel	Cisplatin
Cas #	51-21-8	50-18-0	3778-73-2	59-05-2	33069-62-4	15663-27-1
% Removed	99.993	99.989	98.985	99.996	99.746	99.978

Antineoplastic Agent	Etoposide	Carboplatin	Doxorubicin	Irinotecan	Vincristine Sulfate
Cas #	33419-42-0	41575-94-4	23214-92-8	97682-44-5	57-22-7
% Removed	99.965	99.954	99.988	99.987	99.995

*See Total-Shield Plus HG Sporidical Disinfectant Solution label for complete instructions.

** All HD's listed above have been verified by independent lab testing.