

Decontamination of Surfaces Soiled with Hazardous Drugs

PeridoxRTU® Sporicidal Disinfectant Solution (EPA Reg. No. 8383-13) (Canada DIN No. 02456834) Effectively removes hazardous drugs from hard, non-porous surfaces.

Personal Protection Persons handling PeridoxRTU Disinfectant and items soiled with hazardous drug compounds must protect themselves by using the appropriate disposable gloves, gown, mask, and eye covering.

Material Compatibility The active ingredients in PeridoxRTU break down into water, vinegar, and oxygen during use, leaving no persistent, harmful, or corrosive residues behind. Because of this, PeridoxRTU can be used on a wide variety of surfaces—from LCD screens to resin countertops. Unlike products based on sodium hypochlorite, PeridoxRTU will not corrode or pit stainless steel during normal use. See www.contechealthcare.com for a list of materials with demonstrated compatibility.

Decontamination and Disinfection of Contaminated Surfaces Surfaces contaminated with hazardous drug compounds should be thoroughly cleaned using PeridoxRTU Disinfectant in conjunction with Contec® EasyReach™ Cleaning Tool or disposable wipes per the following decontamination protocol:

1. Remove excess liquid from surface to be treated using a dry wipe.*
2. Saturate a new EasyReach Cleaning Pad or dry wipe* with PeridoxRTU solution.
3. Clean the surface with the saturated pad or wipe, utilizing overlapping, unidirectional strokes.
4. The EasyReach cleaning pad may be reused for the next step. Discard contaminated pads or wipes in a manner consistent with facility guidelines and local regulations.
5. Repeat steps 2-4. If using the EasyReach Cleaning Tool, reapply PeridoxRTU when needed to the existing pad.
6. If disinfection is desired, leave the surface wet with PeridoxRTU for at least 3 minutes.**
7. Finish by wiping with a new sterile alcohol (70% IPA/30% deionized water) saturated EasyReach Cleaning Pad or a sterile alcohol (70% IPA/30% deionized water) saturated wipe.***

Contact Time for Disinfection Surfaces must remain visibly wet with PeridoxRTU for prescribed contact (dwell) time for disinfection to occur (disinfection of *C. difficile* spores requires a 3-minute contact time).

Decontamination Results for Several Common HDs Using PeridoxRTU disinfectant, EasyReach Cleaning Tool or Contec disposable wipes, and Contec Sterile IPA per the decontamination protocol outlined above, results from testing at an accredited third-party lab demonstrate the percent removal of several types of hydrophilic and hydrophobic hazardous drugs:

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	99.91	99.92	99.91	99.94	99.99	99.47

Limit of Detection = 0.001mcg

Hormone	Estradiol	Progesterone
CAS #	50-28-2	57-83-0
% Removed	>99.87	>99.87

Limit of Detection = 0.01mcg

NOTES: * Contec SterileSorb™ Wipes (C2-991R/25), EcoCloth™ Wipes (AMEC0003), EasyReach™ Cleaning Pad (MEQT0001 or MEQT0002)

**See PeridoxRTU® Sporicidal Disinfectant Solution label for complete disinfecting instructions.

***PROSAT® Sterile™ PS-911EB alcohol saturated wipes; or Contec Sterile 70% Alcohol with either SterileSorb or EcoCloth Wipes. EasyReach Cleaning Pads MEQT0001, MEQT0002, or PSME0001 are all acceptable for step 7.