



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE NEBRASKA

2 April 2014

MEMORANDUM TO AIR FORCE DENTAL CLINICS

FROM: Interim Dental Infection Control Consultant

SUBJECT: Guidance for discontinued use of Clorox Healthcare® Bleach Germicidal Cleaner

As reported by AFMOA to all AF Dental Clinics, Clorox Healthcare® Bleach Germicidal Cleaner (previously known as Dispatch Hospital Cleaner Disinfectant with Bleach) has lost its EPA registration as an intermediate disinfectant. It is recommended by the interim Dental Infection Control Consultant and the manufacturer to immediately discontinue its use.

Guidance to disinfect impressions and oral appliances (including dentures) going into and out of the dental laboratory is the following:

Impressions:

Many alternatives exist as a suitable replacement for Clorox Healthcare® Bleach Germicidal Cleaner for disinfecting impressions. See the table at the end of the memo to help in the selection of a product that is registered with the EPA as an intermediate level disinfectant. Manufacturers of products on the list have been contacted and state that with appropriate contact time and proper rinsing of the impression, there should be a negligible amount of impression distortion due to the disinfectant. There may be a suitable product currently in the MTF inventory; please check with your MTF Infection Control Function to see what is available for immediate use. If a suitable product is not available immediately in the inventory please contact me (Col Doug Risk) for further guidance.

For oral appliances (including dentures):

Accepting appliances for laboratory repair includes accepting them in a contaminated condition. The first step to disinfection is thorough cleaning with a soft brush and soapy water. Once the gross debris has been removed, the same intermediate level disinfectant that is used for impressions may be used on the prosthesis. Be sure to strictly adhere to the manufacturer's guidelines on contact time. Prolonged contact time may have an adverse effect on the appliance color or composition. If no disinfectant is available, immerse the appliance in a 1:10 sodium hypochlorite (bleach) solution, seal in a plastic (zip lock) bag and place in an ultrasonic cleaner for 10 minutes. This will render the appliance safe to handle in the laboratory. NOTE - Since the solution loses its effectiveness very quickly, it is recommended to mix a fresh solution for each use.

AFMOA and DECS realize that this issue is of great importance to all AF Dental Clinics. Research and evaluation is ongoing by several Dental Infection Control organizations. More information will be sent to AF Dental Clinics as it becomes available. At this time, there is no ideal solution backed by clinical trials and independent research. For additional questions and information, please contact Col Doug Risk at 402-294-2747, DSN 271.

V/r

Col Risk

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The Sun Never Sets on the Fightin' Fifty-Fifth

| Product Category | Examples of Active Ingredients | Product Example Brand name (Company) | Tuberculocidal Contact Time (minutes) | Longest Recommended Contact Time (minutes) | Type of Solution ¹ | Contact Information |
|------------------|--|--|---------------------------------------|--|-------------------------------|--|
| Phenolics | Alcohol- or water-based and multiple phenolic compounds | Birex® SE (Biotrol) | 10 | 10 | Conc/Mix | www.biotrol.com (800) 822-8550 |
| | | Coe Spray™ II (GC America) | 10 | 10 | RTU | www.gcamerica.com (800) 323-7063 |
| | | Lysol Brand II IC (Sultan Healthcare) | 10 | 10 | RTU | www.sultanhealthcare.com (800) 637-8582 |
| | | ProSpray™ (Certol International, LLC) | 10 | 10 | RTU | www.certol.com (800) 843-3343 |
| | | Ready-To-Use Wex-Cide (Wexford Labs) | 10 | 10 | RTU | www.wexfordlabs.com (800) 506-1146 |
| | | Wex-Cide128 (Wexford Labs) | 10 | 10 | Conc/Mix | www.wexfordlabs.com (800) 506-1146 |
| Alcohol-Based | Quaternary Ammonium Compounds ² Alcohol and multiple quaternary ammonium compounds | CaviCide® (Metrex) | 3 | 3 | RTU | www.metrex.com (800) 841-1428 |
| | | CaviCide1™ (Metrex) | 1 | 1 | RTU | www.metrex.com (800) 841-1428 |
| | | DisAseptic® XQR (Palermo Health Care) | 5 | 10 | RTU | www.palmerohealth.com (800) 344-6424 |
| | | DisCide® ULTRA (Palermo Health Care) | 1 | 1 | RTU | www.palmerohealth.com (800) 344-6424 |
| | | Envirocide® (Metrex) | 3 | 3 | RTU | www.metrex.com (800) 841-1428 |
| | | GC Spray-Cide™ (GC America) | 6 | 6 | RTU | www.gcamerica.com (800) 323-7063 |
| | | Opti-Cide-3® (Micro Scientific Ind.) | 3 | 3 | RTU | www.opticide.com (888) 253-2536 |
| | | Sanitex Plus Spray™ (Crosstex International) | 6 | 6 | RTU | www.crosstex.com (888) 276-7783 |
| Others/Misc | Accelerated hydrogen peroxide | OPTIM® 33TB Cleaner (SciCan) | 5 | 5 | RTU | www.scican.com (800) 572-1211 |
| | | Clorox® Hydrogen Peroxide Cleaner (Bosworth Company) | 4 | 4 | RTU | www.bosworth.com (800) 323-4352 |