

Surface Disinfectant Reference Chart



PRODUCT CLASSIFICATION		PRODUCT BRAND INFORMATION								
Category	Active Ingredient on Label	Brand (Packaged As)	EPA #	Dilution	TB Kill Time/Temp	HIV-1 Kill Time/Temp	HBV Kill Time/Temp	Hydrophilic Virus Kill Time/Temp	Total Time to Disinfect	Manufacturer or Distributor
Chlorhexidines	Polymeric SurfOLs; chlorhexidine digluconate; ethanol	BioSurf (Spray) Micrylium	70467-3	RTU	50 sec/20°C 5% bioburden	N/A	N/A	50 sec/20° C with 5% bioburden	50 sec-No HIV/HBV	micrylium.com
Chlorines	Sodium hypochlorite; chlorine dioxide	Clorox Germicidal Spray	67619-13	RTU	30 sec/20° C	30 sec/20°C	1 min/20°C	1 min/20° C	1 min	bosworth.com
		Clorox Germicidal Wipes	67619-12	RTU	2 min/20°C	30 sec/20°C	1 min/20° C	1 min/20° C	2 min	"
Citric Acid	Citric acid, hydroxyacetic acid, dipropylene glycol n-butyl ether	Lysol IC Ready to Use Disinfectant Cleaner (gal)	675-55	RTU	10 min/20° C	10 min/20°C	10 min/20°C	10 min/20°C	10 min	sultanchemists.com
Iodophors	Alpha-(p-nonylphenyl)-omega-hydroxypoly(oxyethylene) iodine	Biocide	4959-16-51003	1:213	10 min/20°C	10 min/20°C	N/A	10 min/20°C	10 min-No HBV	certol.com
		IodoFive Surface Disinfectant/Cleaner	4959-16-50611	1:213	10 min/20°C	10 min/20°C	N/A	10 min/20°C	10 min-No HBV	biotrol.com
PCMX	Parachlorometaxylenol	EcoTru (Spray)	70791-1	RTU	5 min/21°C	5 min/21°C	5 min/21°C	10 min/21°C	10 min	crosstex.com
Phenolics (Dual) Water-based	Phenylphenol and benzylchlorophenol or tertiary amylphenol	Birex SE (Concentrate)	1043-92-51003	1:256	10 min/20°C	1 min/20°C	N/A	10 min/20°C	10 min	biotrol.com
		Dual Phenol (Concentrate)	6836-252-69362	1:256	10 min/20°C	1 min/20°C	N/A	10 min/20°C	10 min-No HBV	SmartHealth.com
		ProSpray C-60 Conc Surface Disinfect & Hold	46851-1-50611	1:32	10 min/20°C	1 min/ 20°C	10 min/ 20°C	10 min/20°C	10 min	certol.com
		ProSpray Surface Disinfectant (Spray)	46851-5-50611	RTU	10 min/20°C	1 min/ 20°C	10 min/ 20°C	10 min/20°C	10 min	"
		ProSpray Wipes	46851-10	RTU	10 min/20°C	1 min/ 20°C	10 min/ 20°C	10 min/20°C	10 min	"
Phenolics (Dual) Alcohol-based	Tertiary amylphenol and/or phenylphenol plus ethyl alcohol or isopropyl alcohol	Coe Spray II (Pump)	11694-98-10214	RTU	6 min/20° C	10 min/20° C	N/A	N/A	10 min-No HBV/Hydrophilic	gcamerica.com
Quaternaries "Dual or Synergized" plus Alcohol (do not use older generation quaternaries as surface disinfectants)	Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride; isopropanol or ethanol; alkyl dimethyl benzyl ammonium chloride, alkyl dimethyl ethylbenzyl ammonium chloride; octyl decyl dimethyl ammonium chloride dioctyl dimethyl ammonium chloride didecyl dimethyl ammonium chloride alkyl, ethanol	CaviCide (Spray)	46781-6	RTU	5 min/20° C	3 min/ 20°C	3 min/ 20°C	N/A	5 min-No Hydrophil.	sybrondental.com
		CaviWipes	46781-8	N/A	5 min/20° C	3 min/ 20°C	3 min/ 20°C	N/A	5 min-No Hydrophil.	"
		CetylCide II Broad Spectrum Disinf. (Conc.)	61178-1-3150	2 oz/gal	N/A	10 min/ 20°C	10 min/ 20°C	30 min/ 20°C	30 min-No TB	cetyllite.com
		Clorox Disinfecting Spray	67619-3	RTU	10 min/20°C	10 min/20°C	N/A	10 min/20°C	10 min-No HBV	bosworth.com
		GC Spray-Cide (Spray)	1130-15-AA-10214	RTU	6 min/20°C	30 sec/ 20°C	N/A	3 min/ 20°C	6 min-No HBV	gcamerica.com
		Lysol IC Disinfectant Spray (Spray)	777-72-675	RTU	10 min/20°C	10 min/ 20°C	10 min/ 20°C	10 min/20°C	10 min	sultanchemists.com
		Maxispray Plus	46781-6-10597	RTU	5 min/20°C	2 min/20°C	3 min/20°C	10 min/20°C	10 min	henryschein.com
		Maxiwipe Germicidal Cloth	9480-4	RTU	2 min/20°C	2 min/22°C	2 min/20-25°C	5 min/20°C	5 min	"
		Opti-Cide-3 (Spray)	70144-1	RTU	3 min/20°C	30 sec/ 20°C	3 min/ 20°C	3 min/20°C	3 min	opticide.com
		PDCare Surface Disinfectant (Spray)	46781-6-43100	RTU	5 min/20°C	3 min/ 20°C	3 min/ 20°C	N/A	5 min-No Hydrophil.	pattersondental.com
PDCare Wipes	46781-8-43100	RTU	5 min/20°C	3 min/ 20°C	3 min/ 20°C	N/A	5 min-No Hydrophil.	"		
		Sanitex Plus (Spray)	1130-15-64285	RTU	6 min/20° C	30 sec/20-25°C	3 min/20-25°C	3 min/20-25°C	6 min	crosstex.com
		Sanitex Plus (Wipes)	9480-6	RTU	5 min/20° C	30 sec/20°C	2 min/20°C	5 min/20°C	5 min	"
		Sani-Cloth HB (Wipes)	61178-4-9480	RTU	N/A	30 sec/ 20-25°C	10 min/20-25°C	10 min/20°C	10 min-No TB	pdjipi.com
		Sani-Cloth Plus (Wipes)	9480-6	RTU	5 min/20° C	2 min/20-25°C	2 min/ 20-25°C	5 min/ 20°C	5 min	"
		Super Sani-Cloth (Wipes)	9480-4	RTU	2 min/20° C	2 min/ 20-25°C	2 min/ 20-25°C	5 min/ 20°C	5 min	"
Sodium Bromide & Chlorine	Sodium bromide; sodium dichloroisocyanurate dehydrate	Microstat 2 (Tablets)	70369-1	2 tabs/qt of H2O	5 min/20°C	10 min/25°C	N/A	10 min/ 25°C	10 min-No HBV	septodontinc.com

IMPORTANT INFORMATION

Listing does not imply endorsement, recommendation or warranty. Other products are available – only OSAP member products are represented in this chart. Purchasers are legally required to consult package insert or changes in formulation and recommended use. Check compatibility of material before use on dental/medical equipment.

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- RTU = Ready to Use; N/A = Not Applicable; Temperature: 20°C=68°F; 25°C=77°F
- Studies by Klein and DeForest suggest that hydrophilic are more resistant than lipophilic viruses and therefore represent a better gauge of a disinfectant's virucidal efficacy. Hydrophilic viruses include various strains of *Poliovirus*, *Coxsackievirus*, *Rhinovirus* and *Rotavirus*.
- All products to be used as disinfectants on pre-cleaned surfaces must be EPA-registered.
- Cleaning is required before disinfection. Disinfect clinical contact surfaces that are not barrier-protected by using an EPA-registered hospital disinfectant with low (i.e., HBV and HIV label claim) to intermediate-level (i.e., tuberculocidal claim) activity after each patient. Use an intermediate-level disinfectant (i.e., has TB kill claim) if area to be disinfected is visibly contaminated with **blood**.