

Disinfectant	Active Ingredients	Contact time	Shelf life	Inactivation					Hazards				Surfaces		
				Bactericidal	Virucidal	Tuberculocidal	Fungicidal	Sporicidal	Flammable	Irritant	Corrosive	Chlorine odor	Lab surfaces & equipment	Hard, Non-porous	Stainless steel
<b>Low-level Disinfectants</b>															
<i>STERIS_EPA# 70144-1-1043</i> <b>Coverage® Spray TB Plus Ready-To-Use Liquid Disinfectant</b>	<b>Quaternary-based [Spray liquid]</b> n-Alkyl dimethyl benzyl ammonium chloride 0.154% n-Alkyl dimethyl ethylbenzyl ammonium chloride 0.154%	3 min.	4 years	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓‡
<i>PDI HealthCare_EPA# 9480-6</i> <b>Sani-Cloth® Plus Germicidal Disposable Cloth Ready-To-Use Wipes</b>	<b>Quaternary-based [Wipes]</b> Alkyl dimethyl benzyl ammonium chloride 0.125% Alkyl dimethyl ethylbenzyl ammonium chloride 0.125%	3 min.	2 yrs.	✓	✓					✓			✓	✓	✓‡
<b>Intermediate-level Disinfectants</b>															
<i>Clorox_EPA# 5813-1</i> <b>Bleach, 10% solution*</b>	<b>Chlorine compound [Liquid]</b> Sodium hypochlorite 5.25%	1-5 min.	24 hrs.	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓‡
<i>PDI Healthcare_EPA# 9480-8</i> <b>Sani-Cloth® Bleach Germicidal Disposable Wipe Ready-To-Use Wipes</b>	<b>Chlorine compound [Wipes]</b> Sodium hypochlorite 0.63% (1:10 sodium hypochlorite)	1-4 min.	11 mos.	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓‡
<i>Metrex_EPA# 46781-14</i> <b>CaviWipes™ Bleach Ready-To-Use Wipes</b>	<b>Chlorine compound [Wipes]</b> Sodium hypochlorite 0.91% (1:10 sodium hypochlorite)	3 min.	1 yr.	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓‡
<i>(Multiple Brands)</i> <b>Ethanol, 70% solution†</b>	<b>Alcohol[Liquid]</b> Ethanol 70%	10 min.	180 days	✓	✓	✓	✓		✓				✓	✓	✓‡
<i>Metrex_EPA# 46781-6</i> <b>CaviCide™ (Envirocide™) Ready-To-Use Liquid Disinfectant</b>	<b>Alcohol based [Liquid] + Quaternary</b> Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride 0.28% Isopropanol 17.20%	2-3 min.	2 yrs.	✓	✓	✓	✓		✓	✓			✓	✓	✓‡
<i>Metrex_EPA# 46781-8</i> <b>CaviWipes™ Ready-To-Use Wipes</b>	<b>Alcohol based [Liquid] + Quaternary</b> Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride 0.28% Isopropanol 17.20%	2-3 min.	2 yrs.	✓	✓	✓	✓		✓	✓			✓	✓	✓‡

\* When mixed with water, bleach solution is only effective as a disinfectant for 24 hours.

† 70% Ethanol is not recommended for large surface disinfection due to rapid evaporation time.

‡ Disinfectants containing sodium hypochlorite (bleach) will damage metal surfaces such as stainless steel biosafety cabinets; always follow with 70% Ethanol rinse.