

28 Aug 92

GUIDE TO CHEMICAL AGENTS FOR DISINFECTION AND STERILIZATION

Chemical Classifications Products	Disinfectant ^{1,2}			Sterilant ^{1,2}
	Dilution	Time	Temperature (20°C = 68°F) (25°C = 77°F)	Dilution, Time, Temperature
<u>Surface or Immersion</u>				
Chlorine compounds				
Alcide LD	10:1:1	3 minutes	20°C	NA ⁴
Exspor	4:1:1	3 minutes	20°C	4:1:1, 6 hours, 20°C
Bleach (5.25% sodium hypochlorite)	1:10	10 minutes	20°C	NA
Iodophors				
Biocide	1:213	10 minutes	20°C	NA
Surf-A-Cide				
ProMedyne-D	1:213	25 minutes	25°C	NA
Combination synthetic phenolics				
Multicide				
Omni II	1:32	10 minutes	20°C	NA
Vitaphene				
<u>Immersion</u>				
2% Glutaraldehyde acidic ⁵				
Banicide concentrate	1:40	30 minutes	20°C	1:10, 10 hours, 25°C
Banicide				
Sterall	1:4	30 minutes	20°C	Full strength, 10 hours, 25°C
Wavicide				
2% Glutaraldehyde neutral ⁵				
Glutarex	Full strength	----	---- ³	Full strength, 10 hours, 20°C
2% Glutaraldehyde alkaline ⁵				
Cidex activated dialdehyde	Full strength	45 minutes	25°C	Full strength, 10 hours, 25°C
Cidex 7	Full strength	90 minutes	25°C	Full strength, 10 hours, 25°C
Germ-X	Full strength	----	---- ³	Full strength, 10 hours, 20°C
Asepti-Steryl 28				
Dentacide				
Glutall				
Omnicide	Full strength	45 minutes	20°C	Full strength, 10 hours, 20°C
Orthicide				
Sporex				
Vitacide				
Steril-Ize	Full strength	45 minutes	25°C	Full strength, 10 hours, 20°C
CoeCide XL				
K-Cide				
Maxicide				
Metricide 28	Full strength	20 minutes	20°C	Full strength, 6 hours, 20°C
Procidide 14		(10 minutes)	25°C	
Procidide 30				
Protec-top				
Veratex				

1. Always use disinfectant and sterilant products according to the instructions specified on the product label.
2. The conditions listed reflect the time required for tuberculocidal activity for reused solution, if such use is possible, at the minimum temperature and maximal dilution specified on the EPA approved product label. Tuberculocidal test methods may vary. Consult label or manufacturer for specifics.
3. Data not available at time of publication.
4. Not approved for use as sterilants.
5. Alternate conditions, such as increased temperatures or fresh solution as opposed to reused solution, may decrease disinfection time. Consult label instructions for alternate uses.