

Shelter Disinfectant Quick Reference

Disinfectant	5.25% Household Bleach (Sodium Hypochlorite)	Quaternary Ammonium (Quats)	Potassium Peroxymonosulfate
Common Names	(Clorox, many others)	Roccal, KennelSol, A33	Trifectant, Virkon-S
Effective Against Parvovirus?	Yes – Dilute 1:32	Not reliably	Yes
Effective Against Panleukopenia?	Yes – Dilute 1:32	Not reliably	Yes
Effective Against Ringworm?	Yes – Dilute 1:10	No	Not reliably
Effective Against Calicivirus?	Yes – Dilute 1:32	No	Yes
Inactivated by Organic Material?	Yes	Mildly inactivated	Less inactivation than bleach or quats
Stability When Prepared	24 hours if protected from light	24 hours	7 days when mixed from powder
Minimum Contact Time	10 minutes	10 minutes	10 minutes
Rinse Required?	Yes	Yes	No
Notes	<ul style="list-style-type: none"> – Protect from light – Corrosive at higher concentrations – Irritating fumes 	<ul style="list-style-type: none"> – Has some detergent activity 	<ul style="list-style-type: none"> – Has some detergent activity – More expensive than bleach or quats