

0.3% Bleach Solution Recipes

Starting Concentration of Sodium Hypochlorite	Parts Sodium Hypochlorite Required to make a 0.3% Solution	Parts Water Required to make a 0.3% Solution	Quantities to make 5 gallons of a 0.3% Solution (Bleach   Water)				Quantities to make 55 gallons of a 0.3% Solution (Bleach   Water)				Quantities to make 275 gallons of a 0.3% Solution (Bleach   Water)			
			In Gallons		In Pounds		In Gallons		In Pounds		In Gallons		In Pounds	
5.25% (Household Bleach)	1	16.5	0.29	4.71	2.4	39.3	3.1	51.9	26.2	432.5	15.7	259.3	131.1	2162.4
8.25%	1	26.5	0.18	4.82	1.5	40.2	2.0	53.0	16.7	442.0	10.0	265.0	83.4	2210.1
10.00%	1	33.0	0.15	4.85	1.2	40.5	1.6	53.4	13.5	445.2	8.1	266.9	67.5	2226.0
12.00%	1	39.0	0.13	4.88	1.0	40.66	1.4	53.6	11.5	447.2	6.9	268.1	57.3	2236.2
12.50%	1	40.0	0.12	4.88	1.0	40.68	1.3	53.7	11.2	447.5	6.7	268.3	55.9	2237.6

When no suitable EPA-Registered disinfectants are available for use against FMDv, ASFv, or CSFv, a 0.3% solution of sodium hypochlorite (bleach) may be used.

Note label requirements that outdoor treatments must be done over impermeable retention barriers and residue liquids absorbed and disposed of properly.

Request technical assistance as required to calculate the quantities of more concentrated sodium hypochlorite solutions if required for solution preparation.