

DISINFECTANTS FOR FMD – FOR FIELD USE

Product	Dilution	Mixing Instructions	Notes
5.25% Sodium Hypochlorite (NaOCl) ("household bleach")	3%	Add 3 gallons of chlorine bleach to 2 gallons of water; mix thoroughly	Approved for this use by FDA. Caution with fumes and splashing
Acetic acid*	4 - 5%	Add 6.5 ounces of glacial acetic acid to 1 gallon of water; mix thoroughly	Vinegar is a 4% solution of acetic acid.
Potassium Peroxymonosulfate and Sodium Chloride ("Virkon S")	1%	Follow label directions	See Virkon S label
Sodium Carbonate ("soda ash")*	4%	Add 5.33 ounces of sodium carbonate to 1 gallon of hot water (or 1 pound to 3 gallons of hot water); mix thoroughly	The solution is mildly caustic, but can dull painted and varnished surfaces.
Sodium Hydroxide (NaOH) ("lye")*	2%	Add 1/3 cup of NaOH pellets (2.7 ounces of the lye) to 1 gallon of cold water; mix thoroughly.	This solution is highly caustic. Use protective rubber clothing, gloves and safety glasses. WARNING: Always add the lye to the water. Never pour the water over the lye.

* Section 18 application submitted and EPA approval is pending.