

Parameter	<b>KennelSol®</b>	<b>Bleach</b>	<b>Accelerated Hydrogen Peroxide</b>	"Ideal" Disinfectant Parameter
<b>pH</b>	7.0 - 8.0	11.5	1.0 - 2.3	7.0 (neutral)
<b>Cleaning Ability</b>	excellent	very poor	poor	* The single most important aspect of a suitable animal care disinfectant
<b>General Disinfection Dilution Requirement</b>	1:64 2 ounces/gallon	1:32 4 ounces/gallon	1:16 8 ounces/gallon	2 ounces/gallon is ideal
<b>Parvo Disinfection Dilution Requirement</b>	1:16 8 ounces/gallon@10 minutes	1:9 16 ounces/gallon	1:16 8 ounces/gallon@5 minutes	Concentrations are product dependent
<b>Fragrance</b>	Pleasant Wintergreen	Foul	Unpleasant	Animals have a heightened sense of smell, and inappropriate odors create unnecessary stress
<b>One-Step Functionality</b>	no pre-cleaning required	pre-cleaning is necessary	pre-cleaning is necessary	Ability to clean, disinfect, and deodorize with no rinsing being necessary
<b>Facility Compatibility</b>	compatible	very corrosive	corrosive	Should be compatible with materials commonly used in your facility
<b>Ability to function in organic load</b>	up to 5% organic debris	inactivated by organic debris and creates carcinogenic by-products	up to 5% organic debris	Can function in an organic load
<b>Hard Water compatibility</b>	up to 400 ppm	poor function	200 ppm only	Can easily function in hard water up to 400 ppm
<b>Environmentally Friendly</b>	yes	definitely not	releases phosphates in the environment	Choose disinfectants that are environmentally responsible
<b>Spectrum of Activity</b>	excellent	excellent, but too many variables for confidence	excellent, but read the label on required concentrations	Covers major pathogens of concern to the Animal Care Industry
<b>Cost</b>	Inexpensive	cheap, but pre-cleaning is required	very expensive when used at proper use dilution	Cost effective - you must read labels to be sure you are using proper dilutions
	<b>Closest to Ideal</b>	<b>Very Poor Choice</b>	<b>Read carefully before you buy</b>	

By keeping this list in mind, you'll be readily equipped to evaluate any disinfectant labels for their appropriateness as a product for considered use in your facility. Remember that balance is key, and read labels rather than just trusting what a salesperson tells you.



**Alpha Tech Pet, Inc.**

25 Porter Road, Suite 210, Littleton, MA 01460

[www.alphatechpet.com](http://www.alphatechpet.com)

(978) 486-3690 • Fax: (978) 486-3693