




**Dickinson-Iron District Health
Department**

*“Serving the community since 1936 in Health
Protection, Health Education and
Disease Prevention”*

Formula for Disinfection

It is important to clean surfaces such as counters, toilets and sinks, railings, telephones, computer keyboards and mouse, remote controls, and other common surface areas in your house.

Disinfectant	Recommended Use	Precautions
<p>Household bleach may be used in a 1 to 10 ratio with water. For example, to make approximately 1 quart of disinfectant: mix 1/3 cup bleach with 3 and 1/3 cups water.</p> <p>To protect the disinfectant properties of bleach, store it in an opaque container, avoid exposure to sunlight. Remix daily for maximum effectiveness.</p> <p>Clorox® surface spray is a good pre-mixed alternative.</p> <p>Surface disinfecting wipes are also a suitable substitute.</p>	<p>Disinfection of material contaminated with blood and body fluids.</p> 	<p>Should be used in well-ventilated areas.</p> <p>Gloves and protective clothing required while handling and using undiluted bleach.</p> <p>DO NOT mix with strong acids or ammonium based products to avoid release of noxious fumes.</p> <p>Corrosive to metals.</p>
<p>Alcohol: E.G. Isopropyl (rubbing alcohol) 70% or ethyl alcohol 60%.</p> <p>Purell® or a similar waterless antibacterial hand hygiene cleaner may be used for hand hygiene purposes.</p>	<p>Smooth metal surfaces, tabletops, and other surfaces on which bleach cannot be used.</p>	<p>Flammable and toxic. To be used in well-ventilated areas. Avoid inhalation.</p> <p>Keep away from heat sources, electrical equipment, flames and hot surfaces.</p>

(Source: The Johns Hopkins University & Johns Hopkins Health System, 2005)