

## Recommended Disinfectants for Influenza-like-Illness (ILI), Gastrointestinal (GI) and Rash Outbreaks

### Cleaning for ILI Outbreaks

The influenza virus is easily killed by regular cleaning products. Organizations should follow their current procedures for cleaning and disinfecting. Garbage from a person with known or suspect influenza may be placed with the regular garbage for disposal. Wear recommended PPE.

### Cleaning for GI Outbreaks

GI illness viruses are “tough” and are resistant to many disinfectants. It should be emphasized that thoroughness of cleaning is more important in outbreak control than the choice of disinfectant used. However, based on public health’s best information, the disinfectants listed below are recommended. Thankfully, one disinfectant that works well is inexpensive and widely available—household bleach.

The following disinfectant categories/concentrations are recommended for disinfecting surfaces during GI illness outbreaks:

- 1. Hypochlorite (household bleach) at a concentration of 1000 parts-per-million see below.** If diluting household bleach (5.25% sodium hypochlorite), use fresh bleach and add 5 tablespoons bleach to 4 litres of water to achieve this concentration. A fresh solution must be prepared daily. If using other commercial hypochlorite-containing solutions, follow manufacturer’s direction for preparation.  
**NOTE:** Surfaces must first be cleaned with an appropriate cleaning product before disinfection with a hypochlorite product (2 step process). If the hypochlorite product claims it is a detergent/disinfectant it may be used for both steps.
- 2. A disinfectant with a Drug Identification Number (DIN) issued by Health Canada with a specific label claim against norovirus, feline calicivirus or murine norovirus.**  
An example of a product with this label claim currently in wide use in Alberta Health Services facilities is 0.5% accelerated hydrogen peroxide. There are other products available with this label claim.

### Cleaning for Rash Outbreaks

Organizations should follow their current procedures for cleaning and disinfecting. Garbage from a person with rash may be placed with the regular garbage for disposal. Wear recommended PPE.

Source “Outbreak Management Guidelines for Work Camps”, Alberta Health Services  
<https://www.albertahealthservices.ca/assets/info/hp/phys/if-hp-phys-moh-work-camps-outbreak-guidelines.pdf>