



GLDD – Disinfection Protocol

The following protocol has been developed by Great Lakes Dredge & Dock to serve as a guiding framework for cleaning and disinfecting rooms and areas, particularly those that are communal in nature, such as galleys, fitness room and common areas.

This cleaning and disinfection procedure is to be used for routine cleaning purposes. Cleaning and disinfecting should be performed on a regular basis to prevent the spread of illness. In the event of a suspected or confirmed **HAZARD**, additional precautions to be taken are outlined below.

MATERIALS REQUIRED

- Cleaning solutions:
 - Detergent
 - Soap and water
- Disinfecting solutions:
 - Always review the Safety Data Sheet (SDS)
 - Sodium hypochlorite (bleach) solution diluted in water
 - 5 tablespoons (1/3rd cup) of bleach per gallon of water
 - 4 teaspoons bleach per quart of water
 - Alcohol solutions with at least 60% alcohol
 - EPA-registered household disinfectants
 - Products with EPA-approved emerging viral pathogens claims listed here:
<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>

ROUTINE CLEANING/DISINFECTING PROCEDURE

- Visibly soiled surfaces should be cleaned prior to disinfection with detergent or soap and water. Allow surfaces to air dry prior to disinfecting.
- Spray or wipe any surfaces with disinfectant solutions. Focus should be given to commonly touched objects or surfaces, such as lunch tables, doorknobs, and microwave handles.
 - Follow manufacturer instructions on disinfection. Many solutions require that surfaces remain wet for a specified period of time, after which point they be allowed to air dry.
 - Surfaces used for food preparation or handling may require rinsing following the disinfection procedure.
 - Soft or porous surfaces, such as carpets and rugs, should be cleaned with an EPA-approved disinfectant that is suitable for porous surfaces.



SUSPECTED OR CONFIRMED **HAZARD**

- In the event that disinfection is required due to a suspected or confirmed case of a **HAZARD**, the area should be restricted from access using red barricade for at least 24 hours prior to beginning cleaning and disinfection.
 - Air circulation should be maintained by opening doors, windows, hatches etc.
- Any areas used by ill persons shall be cleaned and disinfected by a ***third party environmental or specialty cleaning contractor only.***

PERSONAL PROTECTIVE EQUIPMENT

- Required PPE for routine cleaning/disinfecting:
 - Nitrile gloves
 - Face shield
 - Safety glasses
- Additional PPE may be required based on the specific disinfecting agent used, such as respiratory protection or chemical protection. Always refer to the Safety Data Sheet (SDS).
- Following cleaning procedure:
 - Remove and dispose of gloves. Do not touch outside of gloves.
 - Video to show how to properly remove gloves:
<https://www.youtube.com/watch?v=S4gyNAsPCbU>
 - Remove face shield without touching outside or front.
 - If respirator was worn, remove by loosening straps and do not touch front of mask. Discard or place in designated receptacle for cleaning.
 - Wash hands immediately after removing PPE or at any stage in which hands become contaminated.
- Report any breaches in PPE or potential exposures to supervisor.