Chemical Hazards Program
Cleaning + Sanitizing + Disinfecting
WITH BLEACH

Cleaning, sanitizing, and disinfecting high touch surfaces in your home or business is an important step to protecting yourself and others from illness and disease.

Cleaning
Clean surfaces to remove visible dirt and debris prior to sanitizing or disinfecting.

Sanitizing + Disinfecting

Sanitize
100 ppm
Food-contact surfaces
Reduce the number of germs to a safe level.

Disinfect
600 ppm
Hard surfaces (e.g. toilets, doorknobs, sinks)
Kill germs on surfaces and objects.

Special Clean-up
5000 ppm
Bodily fluids (e.g. blood, vomit, diarrhea)
Disinfect surfaces and objects contaminated with blood and bodily fluids.

5.25-6.00% Bleach:
1. 2 tsp bleach + 1 gallon water
2. 3 tbsp bleach + 1 gallon water
3. 1 ½ cups bleach + 1 gallon water

8.25% Bleach Solutions:
1. 1 tsp bleach + 1 gallon water
2. 2 tbsp bleach + 1 gallon water
3. 1 cup bleach + 1 gallon water

Important Tips
NEVER mix bleach with anything but plain water.
Use bleach solutions in well-ventilated areas.
Mix bleach solution fresh daily to ensure effectiveness.
Verify concentrations with a chlorine test strip.
Allow surfaces to air dry after sanitizing or disinfecting.
For safety, always add bleach to water, not water to bleach.

For more information on safe cleaning, visit: www.dph.georgia.gov/chemical-hazards