

## Cleaning & Sanitizing with Chlorine Bleach

► Bleach to water ratio is for a 5.25% unscented household chlorine bleach

Area or item to be cleaned	Bleach to water ratio	Cleaning Steps
Water storage containers	1 tsp to 1 cup	Wash with soap & clean water. Rinse container with clean water. Pour bleach water mixture into container. Cover & shake. Let stand 30 minutes. Rinse with clean water.
Food contact surfaces	1 tsp to 1 gallon	Wash with soap & clean water. Rinse. Wipe with cloth wet with bleach water mixture. Air dry.
Food cans not damaged or bulging	1 cup to 5 gallons	Remove labels. Wash with soap & clean water. Dip cans in bleach water mixture. Air Dry. Relabel cans with marker.
Hard surfaces that do not soak up water	1 cup to 5 gallons	Clean with soap & clean water. Wipe with bleach water mixture. Air dry.
Mold growth on hard surfaces	1 cup to 1 gallon	Wash/wipe with cloth wet with the bleach water mixture. Scrub with stiff brush if surface is rough. Rinse with clean water. Air dry.

**\*\*Never** mix bleach with ammonia or any other cleaner**\*\***

## Drinking water disinfection with chlorine bleach

1. Use unscented household chlorine bleach.
2. If water is cloudy—filter with clean cloth & allow to settle.
3. The amount of chlorine added to the water is based on the chlorine concentration that is found on the product label.
4. Mix water & bleach thoroughly. Allow to stand, preferably covered, for 30 minutes. Water should have a slight chlorine odor. If not, repeat the dosage & allow to stand for 15 more minutes.
5. If strong chlorine taste—allow water to stand exposed to air for a few hours, or pour it from one clean container to another several times.

Chlorine concentration on product label	Chlorine <b>drops</b> per quart or gallon of clear water	Drops per liter of clear water
1%	10 per quart — 40 per gallon	10 per liter
4-6% (5.25% is common)	2 per quart — 8 per gallon ( <b>1/8 tsp</b> )	2 per liter
7-10%	1 per quart — 4 per gallon	1 per liter