

Chlorine solutions according to use

CHLORINE SOLUTIONS ACCORDING TO USE ¹			
	0.05%	0.2%	2%
HTH (70% active chlorine)	0.7 grams in 1 litre of water or half tablespoon in 10 litres of water	3 grams in 1 litre of water or 2 level tablespoons in 10 litres of water	30 grams in 1 litre of water or 2 level tablespoons in 1 litre of water
Sodium hypochlorite (bleach) at 5% active chlorine	10 ml of bleach in 1 litre of water or 1 tablespoon in 1 litre of water	40 ml of bleach in 1 litre of water or 4 tablespoons in 1 litre of water	400 ml of bleach in 1 litre of water or 2 cups in 1 litre
Use	Washing hands (when soap and ABHR are not available), utensils and dishes, PPE (gloves, apron, goggles, etc.)	Disinfection of all parts of the cholera wards, floors, latrines, kitchen, toilets and shower/bathing units, beds or cots, patient's bedding and linens, clothing, utensils, containers and dishes, waste containers and covers, vehicles used for transporting patients.	Disinfection of vomit and stool. Disinfecting dead bodies
Precautions	Solution must be changed every day and protected from heat and light	Use with gloves Solution must be changed every day and protected from heat and light	Use with gloves Solution must be changed every two days and protected from heat and light

Notes:

- One cup is 200ml, one tablespoon is 10ml (or 14-15 g).
- It is important to note that chlorine can corrode and damage metals. Therefore, it is important to never prepare chlorine solutions in metallic containers (unless they are properly enamelled or painted) or use metallic spoons for measurement or stirring purposes. The use of plastic containers is recommended for preparation of chlorine solutions and wooden spoons for measurement and stirring purposes.

¹ Source: United Nations Children's Fund. Chlorine Mixing, in Cholera Toolkit, 2013, Annex 8E(C). New York:UNICEF; 2013 (<https://www.unicef.org/cholera/Cholera-Toolkit-2013.pdf>); Médecins Sans Frontières.. Preparation of chlorine solutions for cholera structures, in Cholera Guidelines 2004. MSF; 2004 (<https://www.humanitarianresponse.info/sites/www.humanitarianresponse.info/files/documents/files/choleraguide.pdf>).