

RECOMMENDATIONS FOR PREPARING DISINFECTING SOLUTION IN HEALTH ESTABLISHMENTS

The concentration of sodium hypochlorite available in the country (*) must be used to prepare the disinfecting solution according to the intended use, following the indications in Table 1.

How to prepare disinfecting solutions?

- Use gloves, mask, eye protection and apron to mix the solutions.
- Store sodium hypochlorite in safe places away from light and heat.
- Prepare disinfecting solutions daily.
- Use exclusively dedicated containers for the prepared solutions and mark the container with the type of concentration clearly.
- Add the amount of sodium hypochlorite to the amount of water, according to the table, to obtain 1 liter of 0.1% or 0.5% solution depending on what it will be used for (see table).

Table 1

Disinfectant solution concentration To prepare 1 liter (1000 ml) of solution				
Use the concentration of Sodium hypochlorite (available in the country) *	0.1%		0.5%	
	For disinfecting surfaces, floors, cleaning utensils and mortuary		For spills of body fluids (blood, vomiting, ...)	
	Sodium hypochlorite	Water	Sodium hypochlorite	Water
1%	100 ml	900 ml	500 ml	500 ml
3%	30 ml	970 ml	154 ml	846 ml
4%	25 ml	975 ml	125 ml	875 ml
5%	20 ml	980 ml	100 ml	900 ml
10%	10 ml	990 ml	50 ml	950 ml

Source: ETRAS/CDE/OPS