



# Kentucky Public Health

Prevent. Promote. Protect.

## CABINET FOR HEALTH AND FAMILY SERVICES OFFICE OF THE SECRETARY Department for Public Health Public Health Protection & Safety

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### PURIFICATION OF WATER FOR EMERGENCY USE AT HOME

#### HEAT

1. Strain water through a clean cloth into a clean container to remove any sediment or floating matter.
2. Boil the water vigorously for at least three (3) full minutes.
3. Allow water to cool. Keep water in clean covered container.

#### CHEMICAL

*If boiling is not possible, strain the water as in step 1 above and purify with any of the chemicals as follows:*

#### LIQUID CHLORINE LAUNDRY BLEACH

(Read label to find percentage available)

Available Chlorine	Drops to Be Added per Quart	
	Clean Water	Cloudy Water
1	10	20
4 to 6 percent*	2	4
7 to 10 percent	1	2
If not known	10	20

1. Mix thoroughly by stirring or shaking water in container.
2. Let stand for 30 minutes.
3. A slight chlorine odor should be detectable in the water; if not, repeat the dosage and let stand for an additional 15 minutes.

#### TINCTURE OF IODINE

(From medicine chest or first aid kit)

Tincture of Iodine 2%	Drops to be added per quart	
	Clean water	Cloudy water
	5	10

1. Let stand for 30 minutes.

