

# Drinksafe-3, take the risk out of drinking water

Water disinfection is a matter of contamination load. Determining this load will provide the answers one needs to work out how much chemical is needed.

Under dosing chemicals will have little or no effect on the target microbes. Water for treatment should be from a safe source and free from organic loading

Volumes water for treatment	Guidelines for Disinfection		
	Rain water storage	Packaged water source	Clear unreliable source
100 ml	1 drop	2 drops	4 drops
500 ml	0.1 ml	0.15 ml	0.5 ml
1 litre	0.2 ml	0.3 ml	1 ml
5 litres	1 ml	1.5 ml	5 ml
10 litres	2 ml	3 ml	10 ml
20 litres	4 ml	6 ml	20 ml
50 litres	10 ml	15 ml	50 ml
100 litres	20 ml	30 ml	100 ml
Contact time Before use →	24 Hours	15 - 30 minutes	60+ minutes

The treatment suggestion in the above chart describes water that is regularly used for human consumption. Seek advise about the limitation of this product if it is intended to treat water with this product outside these guidelines. Drinking, filter 0.5-1.0um before treatment



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BIOSTAT WATER

# Biostat Drinksafe-3

Water Disinfectant For Travellers



# Drinksafe-3 Disinfectant for Drinking Water

## Advantages of using Drinksafe-3 liquid:

**Drinksafe-3** powered by Hyoxsil water disinfectant. It is a non-toxic concentrated liquid. Very effective and easy to use. In solution with water, it is used as a general disinfectant to control bacteria, algae, slime, fungi and other micro-organism.

**Used** to take the risk out of drinking water. The Drinksafe-3 is designed for use as personal water treatment for travellers of all kinds. Safe drinking water is hard to find when backpacking or even five star travel. Drinking water provided is not always what it seems to be. This includes bottle water in many countries around the World.

**Safe** to use around the family, free from odour & tastes and is an environmentally friendly product with bi-products of simply oxygen and water.

**Destroys** unwanted microbes in the water and continues to maintain safe stored water for 6-8 weeks after treatment. More Drinksafe-3 will be needed if additional water is added to the storage vessel, canteen or water bottle during this period.

**Monitor** the sanitiser in the treated water if used for long term storage with colorimetric test strips\* to ensure the water remains in the safe range.

**Transporting** Drinksafe-3 is an easy matter, simply in your pack, bag or your pocket is fine.

## Technical Data:

Safety.....	Non toxic
Appearance.....	Clear & odourless
Material compatibility.....	Friendly
pH effects.....	Neutral
Concentrate.....	Yes
Strength.....	Consistent over one year
Delivery.....	Pipette, syringe or measuring jug
Dispensing equipment.....	Available
Handling.....	Easy & safe
Convenience.....	Simply pour into water



Drinksafe-3 20 x 50 mL units in display box

# Safely prevents harmful bacteria from your growing in drinking water.

**DOSE:** Factors which determine Drinksafe-3 treatment demand are: Drinksafe-3 concentrations, contact time, temperature, pH, number and types of microorganisms and concentrations of organic matter in the water.

Adequate treatment consists of a addition of Drinksafe-3 to the water as per the guideline s on the bottle. For long term storage, Drinksafe-3 is added to the water up to the point where the required concentration is met and remains stable. If in doubt about the chosen water type, always use the maximum dosage as set down in the guidelines.

**RATE:** Determine volumes of water for treatment. Is the water clean (rain water) or cloudy (river water)? Clean water will require less Drinksafe-3 than cloudy water to achieve disinfection. We recommended you follow the guidelines on the purchased bottle, paying particular attention to the water quality, volumes for treatment and the contact time.

For water of an unknown quality or it's contaminated, such as a may be from a creek, lake, river or dam should be filtered through a suitably sized filter to exclude the possibility of protozoans in the raw water that may not be susceptible to the active ingredients in this product. It is worthwhile noting that some of these protozoa, particularly Cryptosporidium are highly resistant to most chemical.

For longer term storage use Drinksafe-3 test strips to monitor active ingredient.

**AVAILABLE** in 50 mL, 100 mL, 250 mL & 500 mL. Enquire about Drinksafe-8, Drinksafe-15 & Drinksafe-30 for larger treatment volumes. Please discuss availability with supplier.

DRINKSAFE-3