



The next Generation of Disinfection Solution for the Drinking Water Industry

Very Effective, Safe and Eco-friendly

Drinking Water Industry

Water is essential to sustain life, and a satisfactory supply must be made to consumers. Safe water is a critical environmental and public health issue. Providing safe water is an essential step for human health and development and global awareness of this issue is rising. The presence of bacteria is a concern when considering the safety of drinking water.

Meeting the goal of clean, safe drinking water and to protecting source water from contamination, Huwa-San provides the appropriate treatment of "raw" water and assures the safe distribution of treated water to consumers. Huwa-San treated drinking water is an assurance against waterborne diseases. It plays a paramount role in controlling pathogens in drinking water without any harmful byproduct issues. Huwa-San's powerful germicidal action eliminates slime, bacteria, virus, molds and algae which typically grow in reservoirs, on the walls of transmission water mains and in storage tanks, pipes etc.

Huwa-San in water treatment destroys hydrogen sulfide and removes ammonia and other nitrogenous compounds that have unpleasant tastes and hinder disinfection. The addition of *Silver ions* provides Huwa-San with residual disinfection qualities to protect the water from waterborne disease throughout the distribution system from treatment plant to the consumer's tap. Huwa-San is odorless, tasteless, and colorless and is effective in both clear and cloudy water with rapid results. It is highly effective irrespective of temperature and pH variations.

Application areas & Dosing rate of HUWA-SAN TR-50 in Drinking Water Industry

1. Dose **20-40 ppm Huwa-San TR-50** to the processing water (continuous dosing)
2. Disinfect the drinking water production line with **100 ppm Huwa-San TR-50**(contact time 30 minutes)
3. Dose final bottle rinsing water with **80-100 ppm Huwa-San TR-50** (contact time 2-5 minutes)
4. For disinfecting surfaces like floors and walls spray with **0.5-1% Huwa-San TR-50** (contact time 5-10 minutes)
5. For personal hygiene sanitize hands with **200-400 ppm Huwa-San TR-50** (contact time 3-5 minutes)
6. To attain total atmospheric disinfection fog with **1-3% Huwa-San TR-50** (contact time 5 minutes).

Volume of HUWA-SAN Required for Different Water Measurements

WATER IN Liter	CONCENTRATIONS OF HUWA-SAN								
	1000ppm 0.10%	2500ppm 0.25%	5000ppm 0.50%	7500ppm 0.75%	10000ppm 1%	20000ppm 2%	30000ppm 3%	40000ppm 4%	50000ppm 5%
10 Liter	10 ml	25 ml	VOLUME OF HUWA-SAN				300 ml	400 ml	500 ml
			50 ml	75 ml	100 ml	200 ml			
20 Liter	20 ml	50 ml	100 ml	150 ml	200 ml	400 ml	600 ml	800 ml	1 Liter
30 Liter	30 ml	75 ml	150 ml	225 ml	300 ml	600 ml	900 ml	1.2 Liter	1.5 Liter
40 Liter	40 ml	100 ml	200 ml	300 ml	400 ml	800 ml	1.2 Liter	1.6 Liter	2 Liter
50 Liter	50 ml	125 ml	250 ml	375 ml	500 ml	1 Liter	1.5 Liter	2 Liter	2.5 Liter
60 Liter	60 ml	150 ml	300 ml	450 ml	600 ml	1.2 Liter	1.8 Liter	2.4 Liter	3 Liter
70 Liter	70 ml	175 ml	350 ml	525 ml	700 ml	1.4 Liter	2.1 Liter	2.8 Liter	3.5 Liter
80 Liter	80 ml	200 ml	400 ml	600 ml	800 ml	1.6 Liter	2.4 Liter	3.2 Liter	4 Liter
90 Liter	90 ml	225 ml	450 ml	675 ml	900 ml	1.8 Liter	2.7Liter	3.6 Liter	4.5 Liter
100 Liter	100 ml	250 ml	500 ml	750 ml	1 Liter	2 Liter	3 Liter	4 Liter	5 Liter

Volume of HUWA-SAN required for Different Water Measurements

CUBIC METER	CONCETRATIONS OF HUWA-SAN						
	10PPM	20ppm	30ppm	40ppm	50ppm	60ppm	70ppm
1 Cu.m	10ml	20ml	30ml	40ml	50ml	60ml	70ml
2 Cu.m	20ml	40ml	60ml	80ml	100ml	120ml	140ml
3 Cu.m	30ml	60ml	90ml	120ml	150ml	180ml	210ml
4 Cu.m	40ml	80ml	120ml	160ml	200ml	240ml	280ml
5 Cu.m	50ml	100ml	150ml	200ml	250ml	300ml	350ml
6 Cu.m	60ml	120ml	180ml	240ml	300ml	360ml	420ml
7 Cu.m	70ml	140ml	210ml	280ml	350ml	420ml	490ml
8 Cu.m	80ml	160ml	240ml	320ml	400ml	480ml	560ml
9 Cu.m	90ml	180ml	270ml	360ml	450ml	540ml	630ml
10 Cu.m	100ml		300ml	400ml	500ml	600ml	700ml