



Johnson
Screens

A brand of
Aqseptence Group

Chlor-Out Nu-Well 500 Chlorine Neutralizer



Description

Chlor-Out was designed to rapidly neutralize chlorine solutions following their removal from the well, prior to disposal.

- Used to neutralize chlorine solutions before their disposal
- Safe to handle
- Concentrated crystal that is easy to dissolve for fast neutralization
- Easy to use

Application

Chlor-Out acts immediately, reducing down-time and effectively neutralizing chlorine residuals. Most regulations prevent the discharge of chlorinated water.

Chlor-Out is used on the surface, after the well or system discharge has been pumped into a tank and neutralized in batches, as follows:

1. Measure the chlorine level in the water, and calculate the dosage of **Chlor-Out** needed for neutralization, as indicated on the table
2. Mix **Chlor-Out** with the chlorinated water. The chlorine levels will neutralize almost immediately. If dechlorinating a large volume, dissolve **Chlor-Out** in 1 gal. of water for every pound of **Chlor-Out** required. Some heat is generated upon dilution
3. Use test strips or meter to test chlorine levels prior to discharge
4. Discharge to an approved outlet.

Physical properties, shipping and handling

Appearance: White to opaque coarse crystal

Density: 10.0 lbs./gal.

pH (as shipped): 8.6 (7.5% solution)

Specific Gravity: 1.67

Freeze point: Not Applicable - solid

Solubility (in water): 33% at 32 C

Use range: 0.01 to 1% by volume

- This product is not considered dangerous and does not require special handling or disposal
- Not regulated as a hazardous material under 49CFR 172.101
- Additional physical and handling data are available on the product SDS
- 10 lbs. containers can be shipped by UPS ground delivery.
- Available in 10 lbs. containers and 50 lbs. pails

Dosage Guide Chlor-Out per Treatment Volume

Chlorine Discharge (ppm)	Batch Volume to be treated					
	Gallons			Liters		
	100	500	1000	390	1900	3800
20	0.01	0.1	0.1	0.05	0.3	0.5
40	0.03	0.1	0.3	0.1	0.5	1.0
60	0.04	0.2	0.4	0.2	0.8	1.5
80	0.05	0.3	0.5	0.2	1.0	2.0
100	0.07	0.3	0.7	0.3	1.3	2.5
120	0.08	0.4	0.8	0.3	1.5	3.0
140	0.09	0.5	0.9	0.4	1.8	3.5
160	0.1	0.5	1.1	0.4	2.0	4.0
180	0.1	0.6	1.2	0.5	2.3	4.5
200	0.1	0.7	1.3	0.5	2.5	5.1
250	0.2	0.8	1.7	0.6	3.2	6.3
300	0.2	1.00	2.0	0.8	3.8	7.6
350	0.2	1.2	2.3	0.9	4.4	8.8
400	0.3	1.3	2.7	1.0	5.1	10.1
450	0.3	1.5	3.0	1.1	5.7	11.4
500	0.3	1.7	3.3	1.3	6.3	12.6

Example

Neutralize a 1,000 gal. tank of well discharge with a chlorine concentration of 180 ppm.

Step 1

Dissolve 1.2 lbs. of **Chlor-Out** into approximately 2 gal. of water

Step 2

Add to the tank

Note: For best results, first dissolve **Chlor-Out** in water; then add to the well discharge as a solution (about 1 lbs. of **Chlor-Out** to 1 gal. of water).

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