

Wel-Chlor PLUS

WEL-CHLOR PLUS

- Chlorinated isocyanurate material that offers 56% available chlorine
- Removes and/or precipitates iron, manganese, nitrates and sulfites (not sulfates)
- Has a neutral pH, therefore needs no pH adjustment. This makes it up to 200 times more effective than other chlorine products that are not pH adjusted.
- Dissolves 5 x faster than calcium hypochlorite
- Has a longer shelf life than either calcium or sodium hypochlorite
- Certified ANSI/NSF Standard 60

Safety Precautions

When using WEL-CHLOR *PLUS*, wear eye goggles or safety glasses.

WEL-CHLOR *PLUS* is a strong oxidizer, thus skin or eyes should be flushed with water if contact occurs and medical attention should be secured, particularly for the eyes. Avoid breathing spray or mist. If ingested, drink large amounts of liquid such as water. Seek immediate medical aid. Do not induce vomiting!

Contact with materials other than water may cause fire or explosion. Separate from other COTEY CHEMICAL PRODUCTS.

Do not mix with other chemicals. Do not change containers.

WEL-CHLOR PLUS is a strong oxidizing agent. Never add water to WEL-CHLOR PLUS. Always add WEL-CHLOR PLUS to large quantities of water. Contamination with moisture, acids, organic matter, other chemicals, or easily combustible materials, such as petroleum, may start a chemical reaction generating heat, liberating hazardous gases, and/or generating a fire or explosion. Do not add this product to any dispensing device containing remnants of any other product. Do not mix with with other chlorine products. Do not swallow. Do not get in eyes, on skin, or on clothing. May cause burns. Avoid breathing dust. Irritating to nose and throat. Wash hands after handling. Keep out of reach of children.

How to use WEL-CHLOR PLUS

Use about 5 ounces of WEL-CHLOR *PLUS* per 100 gallons of water in the well (which will result in a concentration of 200 ppm; see table for calculations)

Pre-mix WEL-CHLOR *PLUS* with water in a container outside the well and allow it to dissolve. Add the solution through the water-level access hole or other opening between casing and column pipe, or through discharge.

Agitate the solution in the well every few hours for eight hours. This helps ensure even mixing, helps treat more of the well and pushes the chemical further into the formation. Pump or bail the hole clean. Then test for bacteria. After treatment, the initial water contains residual chemical and should be thoroughly diluted and pumped to waste.

For best results:

- Clean the well both mechanically and chemically prior to WEL-CHLOR *PLUS* treatment. Brush the well with the Cotey well cleaning brush. This allows WEL-CHLOR *PLUS* to have more uniform access into the formation.
- Premix an amount of water and WEL-CHLOR *PLUS* solution that would approximate three times the volume of water in the well. It may be necessary to make several smaller batches. To achieve a concentration of 200 ppm, add about 5 ounces of WEL-CHLOR PLUS per 100 gallons of water in the mixing tank.
- Add this solution to the well and agitate every few hours for eight hours. Then pump or bail the hole clean.

Diameter of Casing or Hole in Inches	Gallons of Water per Foot of Depth
3.0	0.37
3.5	0.50
4.0	0.65
4.5	0.83
5.0	1.02
5.5	1.23
6.0	1.47
7.0	2.00
8.0	2.61
9.0	3.31
10.0	4.08
11.0	4.94
12.0	5.88
13.0	6.90
14.0	8.00
15.0	9.18
16.0	10.00
17.0	11.79
18.0	13.22
19.0	14.73
20.0	16.32
22.0	19.75
24.0	23.50
26.0	27.58
28.0	31.99
30.0	36.72
32.0	41.78

Note: In heavy slime environment, chlorinating may not be as effective. Use Cotey Chemical’s Liquid Descaler or Welgicide cleaner to remove plugging and corroding deposits, then follow up with Wel-Chlor PLUS.

To clean equipment, use about one ounce of WEL-CHLOR *PLUS* per 20 gallons of water. Allow the equipment to soak in the solution for one hour. Thoroughly dilute waste and dispose of properly.

Note: Always clean equipment before moving to another well to prevent accidental contamination of other wells.

How to store WEL-CHLOR PLUS

Store in a cool, dry, well ventilated place away from other chemicals. Keep in original container. Do not allow water inside the container. Wet material may generate nitrogen trichloride, and create an explosion hazard. Avoid contact with oxidizable organic material. Keep away from heat, sparks, flames, direct sunlight and other sources of heat. Dispose of contents and containers at an approved waste disposal facility.

How to dispose of WEL-CHLOR PLUS

Waste testing < 50 ppm of residual chlorine presents no hazard to crops whereas the susceptibility of fish ranges from 0.1 to 5.0 ppm, depending on pH, dissolved oxygen, temperature and synergism/antagonism of other pollutants. Well waste, after treatment, should therefore not be pumped into streams and, if pumped on fields, should be checked for chlorine concentration or thoroughly diluted. Cotey Chemical recommends that waste be pumped to sewage, barrow ditches for natural evaporation, or to local pits for evaporation and consequent filling, provided infiltration will not contaminate a local aquifer. In all cases waste should be thoroughly diluted. (Local, State and Federal regulations should be adhered to.)

WEL-CHLOR *PLUS* is packaged in cases of sixteen 20oz jars, 9 pound, 48 pound, and 300 pound containers.



Certified to
NSF/ANSI/CAN 60

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