

PRODUCT PROFILE

SODIUM HYPOCHLORITE 12.5% (LIQUID BLEACH) SWIMMING POOL WATER DISINFECTION

SWIMMING POOL WATER DISINFECTION

Do not re-enter pool with a chlorine residual at or above 4 ppm due to risk of bodily harm.

For a new pool or spring start up, super-chlorinate with 52 to 104 oz. of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with test kit. Adjust and maintain pool water pH to be between 7.2 and 7.6. Adjust and maintain the alkalinity of the pool to be between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools must maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual, and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and numbers of swimmers.

Every 7 days, or as necessary, super-chlorinate the pool with 52 to 104 oz. of this product for each 10,000 gallons of water yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit.

At the end of the swimming pool season or when the water is to be drained from the pool, chlorine must be allowed to dissipate from the treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS – While water is still clear & clean apply 3 oz. of this product per 1,000 gallons while filter is running to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit.

Cover pool, prepare heater, filter and heater components for winter by following manufacturer's instructions.

SPAS, HOT TUBS, HYDROTHERAPY TANKS, HUBBARD AND IMMERSION TANKS

SPAS/HOT TUBS – Apply 5 oz. of this product per 1,000 gallons of water to obtain a free available chlorine concentration of 5 ppm as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to be between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc., cause foaming or cloudy water, as well as reduce the efficiency of the product. To maintain the water, apply 5 oz. of this product per 1,000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm.

After each use, shock treat with 8 oz. of this product per 500 gallons of water to control odor and algae. During extended periods of disuse, add 3 oz. of this product daily per 1,000 gallons of water to maintain a 5 ppm chlorine concentration.

HUBBARD AND IMMERSION TANKS – Add 5 oz. of this product per 200 gallons of water before patient use to obtain a chlorine residual of 25 ppm, as determined by a suitable test kit. Adjust and maintain the water pH to be between 7.2 and 7.6. After each use, drain the tank. Add 5 oz. to a bucket of water and circulate this solution through the agitator of the tank for 15 minutes and then rinse out the solution. Clean tank thoroughly and dry with a clean cloth. **(NOT APPROVED IN CALIFORNIA)**

HYDROTHERAPY TANKS – Add 1 oz. of this product per 1,000 gallons of water to obtain a chlorine residual of 1 ppm, as determined by a suitable chlorine test kit. Pool should not be entered until the chlorine residual is below 3 ppm. Adjust and maintain the water pH to be between 7.2 and 7.6. Operate pool filter continuously. Drain pool weekly, and clean before refilling.

DILUTION

To Achieve Available Chloride (By Weight)	Gallons of Water	Add Liquid Ounces of 12.5% Sodium Hypochlorite
1 ppm	10,000 gallons	1.1 oz
3 ppm	1,000 gallons	3 oz
5 ppm	10,000 gallons	52 oz
5 ppm	1,000 gallons	5 oz
10 ppm	10,000 gallons	104 oz
15 ppm	1,000 gallons	16 oz
25 ppm	1,000 gallons	26 oz
35 ppm	1,000 gallons	36 oz
50 ppm	1,000 gallons	52 oz
100 ppm	1,000 gallons	104 oz
200 ppm	100 gallons	21 oz
500 ppm	100 gallons	52 oz
600 ppm	10 gallons	6 oz
1,000 ppm	10 gallons	11 oz
5,000 ppm	10 gallons	52 oz
10,000 ppm	10 gallons	104 oz

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of chlorine.

Rev. 4/2020

The information on this Product Profile is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. For latest product specifications, contact our nearest sales office.

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Hill Brothers Chemical Co.
Corporate Office
1675 North Main St.
Orange, CA 92867-3499
(714) 998-8800
www.hillbrothers.com

SAFETY AND HANDLING

Protective clothing, such as rubber gloves, safety goggles, and rubber safety boots should be worn to protect from eye and skin contact. Refer to the Safety Data Sheet.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage disposal or cleaning of equipment. Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used must be diluted with water before disposal in a sanitary sewer.

Refillable container - Refill this container with sodium hypochlorite only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full of water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure 2 more times.



Certified to
NSF/ANSI 60

Sodium Hypochlorite 12.5%
EPA Reg.No 266-200001
EPA Est.No. 266-AZ-1; 266-AZ-2

**The information contained in this profile pertains only to Sodium Hypochlorite manufactured at the Hill Brothers Phoenix, AZ facility. It is a violation of federal law to use this product in a manner inconsistent with its labeling.*

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