

# PRODUCT PROFILE

## SODIUM HYPOCHLORITE 12.5% (LIQUID BLEACH) SANITIZATION OF DIALYSIS MACHINES

### SANITIZATION OF DIALYSIS MACHINES

Flush equipment thoroughly with water prior to using this product. Thoroughly mix 6 oz. of this product to 10 gallons of water to obtain at least 600 ppm available chlorine. Immediately use this product in the hemodialysate system allowing for a minimum contact time of 15 minutes at 20°C. Drain system of the sanitizing solution and thoroughly rinse with water. Discard and **do not reuse** the spent sanitizer. Rinsate must be monitored with a suitable test kit to ensure that no available chlorine remains in the system.

This product is recommended for decontaminating single and multi-patient hemodialysate systems. This product has been shown to be an effective disinfectant (virucide, fungicide, bactericide, pseudomonicide) when tested by AOAC and EPA Test methods. This product may not eliminate all vegetative microorganisms in hemodialysate delivery systems due to their construction and/or assembly but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. This product should be used in a disinfectant program which includes bacteriological monitoring of the hemodialysate delivery systems. This product is NOT recommended for use in hemodialysate or reverse osmosis (RO) membranes.

Consult the guidelines for hemodialysate systems which are available from the Hepatitis Laboratories CDC, Phoenix, AZ 85021.

### 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.**

### 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.



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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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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