



For Decreasing pH of Water  
Para Disminuir El pH En El Agua

ACTIVE INGREDIENT:  
Sulfuric Acid.....10.0%  
OTHER INGREDIENTS.....90.0%  
TOTAL.....100%

KEEP OUT OF REACH OF CHILDREN  
NO SE DEJE AL ALCANCE DE LOS NIÑOS  
**DANGER** CAUSES BURNS  
**PELIGO** HARMFUL IF SWALLOWED  
See back panel for first aid statement and other precautions



NET  
**32**  
Fl. Oz.  
(.946 L.)



CA Reg. No. 7616-50040

Manufactured by:  
CHEM LAB PRODUCTS, INC.  
Ontario, CA 91761



Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER:** Contains sulfuric acid. Do not get in eyes, on skin or on clothing. Do not mix with chlorine type bleach or other household chemicals.

**STORAGE AND DISPOSAL:** Store in tightly closed container when not in use. When container is empty, rinse thoroughly and discard.

**DIRECTIONS:** SPA KEM™ pH MINUS (-) is an acidic product and must be used very carefully in reducing pH and/or total alkalinity (TA). To promote rapid mixing, keep the water vigorously agitated by operating the air blower or jets. Pour SPA KEM™ pH MINUS (-) slowly into turbulent water away from the spa skimmer or water return drains so that it is thoroughly mixed before it enters the spa plumbing system. Do not use more than one (1) ounce per 100 gallons of water per application. Repeat applications at 20 minute intervals until total required amount of SPA KEM™ pH MINUS (-) is administered.

**NOTE:** False pH readings (colors don't match test) can occur due to high chlorine or bromine levels in the water. DO NOT adjust pH until accurate tests can be performed.

**pH REDUCTION:** Keep pH of spa water between 7.4 and 7.8 Use a suitable test kit to determine the amount of SPA KEM™ pH MINUS (-) required. Table below may be used to convert any swimming pool test kit standardized at 1 drop = 1/2 pint of pool acid per 10,000 gallons of pool water to ounces of SPA KEM™ pH MINUS (-) per 100 gallons of spa water. Repeat treatment in 24 hours if needed.

**ALKALINITY REDUCTION:** Keep total alkalinity of spa water between 110 and 150 ppm. The bottom line in the table below shows the alkalinity reduction in ppm's that results from the ounces of SPA KEM™ pH MINUS (-) used in the upper portion of the column. DO NOT at anytime use SPA KEM™ pH MINUS (-) in quantities which will result in a pH of less than 7.2. Repeat treatment at 24 hour intervals if further alkalinity reduction is needed.

ACID DEMAND TEST TABLE  
OUNCES OF pH MINUS NEEDED

Gallons Treated	Drops of solution #3 used.									
	1	2	3	4	5	6	7	8	9	10
300	1	2 1/2	4	5	6	7 1/2	9	10	11	12 1/2
400	1 1/2	3	5	6 1/2	8	10	12	13	15	17
500	2	4	6	8	10	12	14	16	18	20
600	2 1/2	5	7 1/2	10	12 1/2	15	17 1/2	20	22 1/2	25

**NOTE:** Do not allow direct contact of this product on the following surfaces: vinyl, metallic, fiberglass, painted or colored plaster.

Corresponding ppm TA reduction for oz. pH MINUS used in column above:

5	10	15	20	25	30	35	40	45	50
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**FIRST AID**

**External:** Flush with plenty of water for 15 minutes.

**Internal:** Drink large quantities of water. Follow with Milk of Magnesia, beaten eggs or vegetable oil, call a physician immediately.

**If In Eyes:** Wash with water for 15 minutes. Get medical attention promptly.

**Have the product container or label with you when calling poison control center or doctor, or going for treatment**

For assistance call 1-800-767-7665

Free Spa Care Advice 1-800-SOS-POOL • www.kem-tek.com

Item #254