

7616-20004



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

AUG 18 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Dana Wm. Somesla  
Chem Lab Products, Inc.  
5160 East Airport Drive  
Ontario, CA 91761

**FILE COPY**

Subject: **Kem Tek Chlorinating Product**  
EPA Registration Number: 7616-20004  
Application Dated: June 22, 2009  
Receipt Date: June 24, 2009

Dear Ms. Somesla:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted with conditions.

**Conditions:**

- Update Storage and Disposal per PR Notice 2007-4
- You must separate "Swimming Pool" directions for use from "Spa and Hot Tub" directions for use.
- Modify the re-entry language under "Swimming Pool Water Disinfection" to read: "Re-entry into treated pools is prohibited at level above 4ppm due to risk of bodily harm."
- Revise direction for use Spas, to read: "Re-entry into treated Spa is prohibited at level above 5ppm. Due to risk of bodily harm."
- Revise the Ingredient statement to change "Inert Ingredients" to "Other Ingredients"
- The signal word for this product is "DANGER." Therefore, you must remove the statement to see back panel and move the First Aid statement back to front panel.
- Move cutting board from the Sanitization of NonPorous section to the Sanitization of Porous section.
- This product is registered as a sanitizer, therefore you must remove the word disinfect/disinfection from all sections of the label except swimming pool use directions.
- Remove the statement "For everyday chlorination and super chlorinating bromine activator from your label".
- Remove immersion method from bathroom section of the label. You cannot immerse a toilet, bathroom tub, etc.
- Remove the "Household Disinfection" heading from the label there are no directions for use.
- The misuse statement "It is a violation of federal..." should only appear above the direction for use on the label.
- Revise your Environmental Hazards language to read: "This product is toxic to fish and aquatic organisms. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance contact the regional office of the U.S. Environmental

Protection Agency.”

**General Comment:**

A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling bearing the revised labeling.

Should you have any questions concerning this letter, please contact Wanda Henson at (703) 308-6345.

Sincerely,

*for Wanda Y. Henson*

Emily Mitchell  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

# KEM TEK CHLORINATING PRODUCT

ACTIVE INGREDIENT:  
Sodium Hypochlorite.....5.25%  
INERT INGREDIENTS:.....94.75%  
TOTAL:.....100%  
AVAILABLE CHLORINE:.....5.25%

NET: 128 Fl. oz. (1 Gal.) 3.79 L

## DANGER

KEEP OUT OF REACH OF CHILDREN  
See back panel for First Aid and other precautions.

### LAUNDRY BLEACHING APPLICATIONS

CLEANS - DEODORIZES - DISINFECTS/SANITIZES - BRIGHTENS  
For: Laundry, Stain Removal, Mildew Removal

BRIGHTENS WHITES AND REMOVES STAINS. This bleach works with detergent to remove tough dirt and stains that detergent alone cannot.

SANITIZES AND ELIMINATES ODORS.

This bleach sanitizes and deodorizes laundry by eliminating most germs and their odors. SAFE FOR COLOR-FAST WASHABLES. This bleach brightens and sanitizes colored washables. To check if a garment is bleach safe, try this BLEACH-SAFE TEST: apply one drop of a test solution (1 tablespoon of bleach plus 1/4 cup of water) to a hidden part of the fabric. Check all color including trim. Let stand one minute, then blot dry. No color change means the article can be safely bleached. Use to bleach white and fast colors only (test to be sure on fabrics made of acrylics, cottons, polyesters, rayon and nylon).

DO NOT USE ON ACETATE, LEATHER, SILK, SPANDEX OR WOOL

PRETREAT STAINS AND HEAVY SOILS. Stubborn stains may be soaked for 15 minutes in a solution of 1/4 cup of bleach to one gallon of cool sudsy water. ADD BLEACH AND DETERGENT. This bleach may be added to the wash water before laundry is put in, or for best results, dilute with a quart of water and add five or six minutes after the wash cycle has begun. Use the recommended amount of this bleach as shown. For very large loads add slightly more bleach. HANDWASHING: Mix 1 tablespoon of bleach per gallon of water, wash as usual.

### HOUSEHOLD SANITIZATION / DISINFECTION

#### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

### LAUNDRY SANITIZERS

#### HOUSEHOLD LAUNDRY SANITIZERS

IN SOAKING SUDS: Thoroughly mix 5 ounces of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait five minutes, then add soap or detergent and start the wash/rinse cycle. Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle.  
IN WASHING SUDS: Thoroughly mix 5 ounces of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait five minutes, then add soap or detergent and start wash/rinse cycle.

#### Bathroom Applications for Toilet Bowls, Showers, Bath Tubs and Sinks

#### DISINFECTION OF NONPOROUS, NON-FOOD CONTACT SURFACES

RINSE METHOD: Prepare a disinfecting solution by thoroughly mixing 15 ounces of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the disinfecting solution, maintaining contact with the solution for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD: Prepare a disinfecting solution by thoroughly mixing 15 ounces of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, immerse equipment in the disinfecting solution for at least 10 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

Kitchen (Food Contact) Applications: For Sinks, Cutting Boards, Dishes, Utensils, Appliances, Etc.

#### SANITIZATION OF NON-POROUS FOOD CONTACT SURFACES:

RINSE METHOD: A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 2.5 ounces of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing five ounces of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces with sanitizing solution maintaining contact with the sanitizer for at least two minutes. If solution contains less than 50 ppm available chlorine, as determined by suitable test kit, either discard the solutions or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automatic systems may be used for general cleaning but may not be reused for sanitizing purposes.

#### SANITIZATION OF POROUS FOOD CONTACT SURFACES

RINSE METHOD: Prepare a sanitizing solution by thoroughly mixing 15 ounces of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least two minutes. Rinse surfaces with water after treatment and do not soak equipment overnight.

#### FOR EVERYDAY CHLORINATION AND SUPERCHLORINATING - BROMINE ACTIVATOR

It is a violation of federal law to use this product in a manner inconsistent with its labeling. KEM TEK CHLORINATING PRODUCT is used periodically to superchlorinate the pool/spa water in order to destroy microorganisms that may be resistant to low levels of chlorine. See directions below.

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

#### SWIMMING POOL, SPAS, HOT-TUBS WATER DISINFECTION:

SPAS, HOT-TUBS: Apply 10 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 spa water pH between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce efficiency of the product. To maintain the water, apply 10 oz. of product per 1,000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm. During extended periods of disuse, add 6 oz. of product daily per 1,000 gallons of water to maintain a 3 ppm chlorine concentration.

FOR NEW POOL OR SPRING START-UP, superchlorinate with 128-256 oz. per 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain alkalinity of the pool to between 150 to 100 ppm. To maintain the pool, add manually or by feeder device 25 ounces of this product for each 10,000 gallons of water to yield an available chlorine residual between .6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm

Manufactured by:  
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Ontario, CA 91761

EPA Reg. No. 7616-20004  
EPA Est. No. 7616-CA-1

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 number of swimmers. Every 7 days, or as necessary, superchlorinate the pool with 128-256 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 ppm to 3.0 ppm.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. May cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

### FIRST AID

If Swallowed	Call a poison control center or doctor immediately for treatment advice. Promptly drink large quantity of water if able to swallow. DO NOT induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.
If In Eyes	Hold eye open and flush with plenty of water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.
If on Skin or Clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice.
If Inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling poison control center or doctor or going for treatment. For assistance call 1-800-757-7555.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms:

### PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT. Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

### STORAGE AND DISPOSAL:

STORAGE: Keep product in tightly closed container when not in use. Store in cool, dry, well ventilated area away from heat or open flame. DISPOSAL: If Empty: Do not reuse container. Place in trash or offer for recycling if available. If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

AUG 18 2009

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
authorized for the pesticide  
registered under EPA Reg. No. 7616-20004

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