



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAY 30 2002

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Donald Dechello
H. Krevit & Co. Inc.
73 Welton Street
New Haven, CT. 06511

SUBJECT: February 26, 2002
Hypochlorite Solution
EPA Registration 52483-1

Dear Mr. Dechello:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided the resolution of the following deficiencies:

The First Aid statement must be revised in accordance with Pesticide Registration Notice 2001-01 as follows:

First Aid

- | | |
|---------------------------|---|
| If in Eyes | <ul style="list-style-type: none">■ Hold eye open and rinse slowly and gently with 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 for further treatment advice. |
| If on Skin
or Clothing | <ul style="list-style-type: none">■ Take off contaminated clothing.■ Rinse skin immediately with plenty of water for 15-20 minutes.■ Call a poison control center or doctor for further treatment advice. |
| If Swallowed | <ul style="list-style-type: none">■ Call a poison control center or doctor for further treatment advice.■ Have person sip a glass of water if able to swallow.■ Do not induce vomiting unless told to do so by the poison control center or doctor.■ Do not give anything by mouth to an unconscious person. |

HOT LINE NUMBER

Have the product container or label with you when calling a poison center or doctor, or going for treatment. You may also contact 1 (800) xxx-xxxx for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Change "Active Ingredients" to "Active Ingredient" and line up over chemical.
You may remove Total100%, if you want some additional space.
Delete the hyphen in Swimming Pool - Water Disinfection.
Fix typo by adding space between "than0.6 ppm".
Delete the word "Interim" from "National Interim Primary Drinking Water".
Laundry Sanitizers and use directions must be a separate heading as it was before.

Also, the following errors in the Swimming Pool Water Use must be corrected:

- change "superchlorinate with ½ gallon" to "superchlorinate with 52 to 104 oz."
- change "Superchlorinate the pool with ½ gallon to ¾ gallon" to superchlorinate the pool with 52 to 104 oz."
- change "add 3.5 oz." to "add 3.0 oz." in winter pools.

In addition, you have added "Public Systems" to Potable Water and moved the Storage and Disposal Statement to a better location on the label. These changes are acceptable.

In summary, you have requested the addition of Cooling Tower / Evaporative Condenser Water use and it is in compliance with the Sodium Hypochlorite Registration Guidance package.

In future amendment submissions, you should highlight the requested changes or amendments on a copy of the label you are submitting with EPA Form 8570-1 and unless you are changing your formulation, it is not necessary to submit a Confidential Statement of Formula. A stamped accepted copy of your revised label is enclosed. Please submit 2 copies of your revised finished labeling for our files. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours,



Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510-C)

Enclosure

NOTE:
VENTED CAP
MUST BE
STORED IN
AN UPRIGHT
POSITION

**PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER:

CORROSIVE. may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly vented areas as soon as possible. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL & CHEMICAL HAZARDS:

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

UN-1791
C.A.S.# 7681-52-9

E.P.A. REG. NO. 52483-1
E.P.A. EST. NO. 52483-CT-001

NSF

This product Certified by NSF
The maximum allowable dose is:
280 mg/Liter (or 950 mg/gallon)

**HYPOCHLORITE
SOLUTION**

Active Ingredients

Sodium Hypochlorite..... 12.50%

Inert Ingredients..... 87.50%

Total..... 100.00%

**KEEP OUT OF REACH
OF CHILDREN
DANGER**

**Statement of Practical Treatment
(FIRST AID)**

IF CONTACT WITH EYES OCCURS,
flush with water for at least 15 minutes. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS,
wash with plenty of soap and water.

IF SWALLOWED, drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

Manufactured with pride and care by:
H. Krevit & Company, Inc.

P.O. Box 9433
New Haven, CT 06534-0433
Tel: 1-203-772-3350

See side panel
for additional precautions.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with

SWIMMING POOL WATER DISINFECTION

FOR A NEW POOL OR SPRING START UP - superchlorinate with 1 1/2 gallons of this product for each ten thousand gallons of pool water to yield 5 to 10 ppm available chlorine by weight. Check level of available chlorine with a test kit. Adjust and maintain water pH to between 7.2 and 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

TO MAINTAIN THE POOL - add manually or by feeder device 11 oz. of this product for each ten thousand gallons of pool water to yield an available chlorine residual between 0.5 and 1.0 ppm by weight. Stabilized pools should 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 the 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 1 1/2 gallon to 3/4 gallon of this product for each ten thousand gallons of pool water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not re-enter the pool until the chlorine residual is between 1.0 and 3.0 ppm. AT THE END OF THE SWIMMING POOL SEASON - or whenever water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS - While water is still clear and clean, add 3.5 oz. of this product per one thousand gallons of pool water, while the 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 manufacturers' instructions.

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

SPAS, HOT TUBS, IMMERSION TANKS, ETC. SPAS/HOT TUBS:

Apply 5 OZ. of product per 1000 gallons of water to obtain a free available chlorine residual of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

DIRECTIONS FOR DISINFECTION OF POTABLE WATER PUBLIC SYSTEMS:

Mix a ratio of 1 oz. of this product to 100 gallons of water. Begin feeding this solution with a hypochlorinator until free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency of no less than that prescribed by the National Interstate Primary Drinking Water Regulations. Contact your local Health Department for further details.

DIRECTIONS FOR SANITIZING AND DEODORIZING FOOD PROCESSING, DAIRY FARM, HOTEL, RESTAURANT AND TAVERN EQUIPMENT - IMMERSION METHOD:

Prepare a sanitizing solution by thoroughly mixing 3 1/2 oz. of this product with 10 gallons of water to provide approximately 200 ppm of available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not reuse equipment in water after treatment. **LAUNDRY SANITIZERS:** Household Laundry Sanitizers: IN SOAKING SUDS - Thoroughly mix 2 oz. of this product to 10 gallons of wash water to provide 200 ppm available chlorine. Wait 5 minutes then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting wash/rinse cycle. IN WASHING SUDS - Thoroughly mix 2 oz. of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes then add soap or detergent and start the wash/rinse cycle. Commercial Laundry Sanitizers: Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2 oz. of this product to 10 gallons of wash water to provide 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand, add more of this product if the available chlorine level has dropped below 200 ppm.

SEWAGE AND WASTEWATER TREATMENT

Effluent Slime Control: Apply a 100 to 1000 ppm available chlorine solution to a tank or pond. Prepare this solution by mixing 10 to 100 oz. of this product with 100 gallons of water. **Filter Beds - Slime Control:** Prepare this solution by mixing 10 to 100 gallons of water. **Filter Beds - Slime Control:** Remove filter from service, drain sand, and add 80 oz. of product per 20 sq/ft. evenly over the surface. Wait to a level that is even with the top of the filter. Wait for 4-6 hours backwashing filter.

COOLING TOWER / EVAPORATIVE CONDENSERS

Slug Feed Method - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Repeat until control is achieved. Subsequent Dose: When 1 ppm residual is evident, add 11 oz. of this product per 10,000 gallons of water as needed to maintain control and keep the chlorine systems must be cleaned before treatment is begun.

Intermittent Feed Method - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Subsequent Dose: When 1 ppm residual is evident, add 11 oz. of this product per 10,000 gallons of water as needed to maintain control and keep the chlorine systems must be cleaned before treatment is begun.

Continuous Feed Method - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Subsequent Dose: When 1 ppm residual is evident, add 11 oz. of this product per 10,000 gallons of water as needed to maintain control and keep the chlorine systems must be cleaned before treatment is begun.

STORAGE AND DISPOSAL

Store this product in a cool dry area, away from deterioration. In case of spill, flood area with large quantities that cannot be used should be diluted with water. Do not reuse empty container but place in trash collection or feed by storage, disposal or cleaning of equipment.

NET CONTENTS:

- 4 GALS. (40 lbs.)
- 5 GAL. (50 lbs.)
- 15 GAL. (150 lbs.)
- 30 GAL. (300 lbs.)
- 55 GAL. (550 lbs.)

CORROSIVE

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Separate
with own
heading